

Himachal Pradesh
Public Works Department

No:-PW/SRDD-CB-CTR-NIT/2022- 15953
To

Dated:- 9/9/2022

✓ The Executive Engineer (IT Cell)
H.P.P.W.D. Nigam Vihar Shimla-2.

Subject:-

**Notice Inviting Tender for uploading the same on
departmental website.**

Enclosed please find herewith Notice Inviting Tender (NIT)
of various works in respect of this office for uploading the same on departmental
website.

Encl:-Copy of NIT


Executive Engineer
Shimla Rural Division
HPPWD Dharni.

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

Sealed item rate tenders on PWD Form 6 & 8 are hereby invited by the Executive Engineer Shimla Rural Division H.P.P.W.D. Dhami on behalf of Governor of Himachal Pradesh for the followings works from the eligible contractors enlisted in H.P.PWD. (B&R) whose registration stood renewed as per revised rules and also registered under the H.P. General Sales Tax Act 1968 so as to reach in this office on before **20.09.2022 up to 11:00 AM** and the same shall be opened on the same day at **11:30 AM**, in the presence of intending contractors or their authorized representative who may like to be present. The Tenders documents can be had from this office against cash payment (Non-refundable) on **19.09.2022 up to 5.00PM** and the application for issue of tender form shall be received on **17.09.2022 up to 4.00 PM**.

The amount of earnest money in the shape of NSCs/FDR deposit at call of any of the Post office/Bank duly pledged in favour of Executive Engineer Shimla Rural Division HPPWD Dhami must be accompanied with the application for tender documents. Please not no exemption order of earnest money will be entertained. Conditional tenders and the tenders received without earnest money as mentioned above will similarly be rejected. The offer of the tenders shall be kept open for 75 days. The Executive Engineer reserve right to reject any tender of all tenders without assigning any reasons. If it happens to be a holiday on the day of opening of tenders the same will be opened on next working day at the same time and venue.

Sr. No.	Name of Work	Estimated Cost	Earnest Money	Time	Cost of Form
1	R/R damages on Banuti Pahal road Km. 0/00 to 16/150 (SH:- C/O R/wall at RD 16/050 to 16/087.50)	499929	10000	One Month	350.00
2	Improvement of black spot Banuti Pahal via Newhat road Km. 0/0 to 20/600 (SH:- Formation Cutting in B/W Km. 17/208 to 17/310 & 17/375 to 17/422).	498804	10000/-	Two Month	350.00
3	Improvement of black spot on banuti Pahal via Newhat road Km. 0/0 to 26/00 (SH:- Formation Cutting in B/w Km. 13/110 to 13/215 & 13/490 to 13/550).	492210	10000/-	Two Month	350.00
4	Restoration of rain damages on judicial Academy Ghandal (SH:-C/O R/wall at open Air Theater at Rd. 0/00 to 4/00 Job No.I.	499874	10000/-	Two Month	350.00
5	Restoration of rain damages on judicial Academy Ghandal (SH:-C/O R/wall at open Air Theater) Rd. 0/00 to 4/00 Job No.II	499874	10000/-	Two Month	350.00
6	A/R & M/O Shimla Nalagarh road Km. 6/900 to 22/00 (SH:- M/T in M 6/900 TO 7/00).	285500	5800/-	Two Month	350.00
7	C/O Shoghi Salana Sari road Km. 0/00 to 13/885 (SH:- Improvement of narrow curves from Km. 12/690 to 12/735. 12/750 to 12/810 12/840 to 12/885 & 13/975 to 13/120 and 13/135 to 13/150).	495027	10000/-	One Month	350.00
8	C/O link road Mandolghat to Jamog Via Bhargan Km. 0/00 to 5/040. (SH:- Cutting in Earth Work in Km. 3/030 to 3/225).	464303	10000/-	Two month	350.00
9	Construction of Sharah Nallah to Nadhoot road Km. 0/0 to 2/600 (SH:- C/O R/wall at RD's 0/775 to 0/786).	499710	10000/-	Two Month	350.00

10	Construction of Govt. Senior Secondary School Building at Chanawag Sub-Tehsil Dhami District Shimla H.P. (SH:- Providing and fixing roofing work) Job No.I.	494792	10000/-	Two Month	350.00
11	Construction of Govt. Senior Secondary School Building at Chanawag Sub-Tehsil Dhami District Shimla H.P. (SH:- Providing and fixing roofing work) Job No.II	495155	10000/-	Two Month	350.00
12	Construction of Govt. Senior Secondary School Building at Chanawag Sub-Tehsil Dhami District Shimla H.P. (SH:- Providing and fixing roofing work) Job No.III	499140	10000/-	Two Month	350.00
13	Annual Repair & maintenance of Link road to Rest House Dhami road Km. 0/00 to 0/450 (SH:- Repair of Pot Hole RD's 0/00 to 0/450).	499111	10000/-	One Month	350.00
14	R/R damages on Shimla Mandi road Km. 22/00 to 52/300 (SH:- C/O Protection R/wall earth filling of empty bitumen drum in Km. 51/340 to 51/352.50).	432012	8700/-	One Month	350.00
15	A/R & M/O on Ghanahatti Bajol road Km. 6/450 to 14/370 (SH:- Repair of pot holes Rd's 9/400 to 14/370 (Job No. IX)	499515	10000/-	One Month	350.00
16	Construction of Crasher to Domehar road Km. 0/00 to 0/950 (SH:- Construction of Edge wall at RD's 0/00 to 0/50).	446907	9000/-	One Month	350.00
17	Construction of R/wall and Fencing at Village Masjthai Bus Stop on Majthai Bharyal road (SH:- C/O R/wall at RD. 0/150 to 0/170) balance Work. Under SPMRM	211019	4000/-	One Month	350.00
18	C/O Gharog Nalta road Km. 0/00 to 7/00 (SH:-C/O PCC R/wall & cutting work in Km. 1/630 to 1/710).	490854	10000/-	Two Month	350.00
19	C/O Gharog Nalta road Km. 0/00 to 7/00 (SH:- Providing and laying of hot applied thermoplastic centre Line Edge Line & Zebra Crossing 2.50mm thick in Km. 0/00 to 3/900).	487500	9800/-	15 days	350.00
20	R/R damages on Bag to Kangri road km. 0/00 to 7/250 (SH:- Removal of slips in various Rds)	493992	10000/-	One month	350.00
21	R/R damages on Kheel Ka Chaura to Baggi road Km. 0/0 to 12/00 (SH:- Hiring of JCB machine & Tipper for removal of slips, drain clearance and berms etc).	450200	9100/-	Two Month	350.00
22	Construction of Sharah Nallah to Nadhoot road Km. 0/0 to 2/600 (SH:- C/O R/wall at RD's 0/786 to 0/797).	499710	10000/-	Two Month	350.00
23	Improvement of Black Spots and Providing of Fixing Railing and parapet in Devnagar Crusher to Domehar road Km. 0/00 to 0/950 (SH:- Providing and fixing of Railing -Beam Crash Barrier in 0/00 to 0/102).	487393	10000/-	One Month.	350.00
24	C/o Ambulance road from primary School to IML Pawar under Sub Division Shoghi (SH:- C/o Edge wall at Rd. 0/030 to 0/038 & 0/130 to 0/138).	174926	3500/-	One Month	350.00
25	C/o Ambulance road from primary School to IML Pawar under Sub Division Shoghi (SH:- P/L 1:4:8 under paver block in km. 0/00 to 0/405).	497807	10000/-	One Month	350.00
26	R/R damages on Garkhan to Barity road km. 3/00 to 8/00 (SH:- C/o R/wall at Rd. 07/960 to 07/978)	488447	9800/-	One Month	350.00
27	R/R damages on Banuti Pahal road km. 0/00 to 16/00 (Sh:- C/o R/wall at Rd. 1/435 to 1/455).	347059	7000/-	One Month	350.00

28	Construction of Govt. Senior Secondary School Building at Chanawag Sub Tehsil Dharmi Distt. Shimla (HP) (SH:- Providing and Fixing water supply and sanitary installation etc.).	499813	10000/-	One Month	350.00
29	R/R damages on Kanda Ladvi Kunihar road Km. 0/00 to 9/150 (SH:- C/O R/wall between Km. 6/020 to 6/035).	481145	9700/-	One month	350.00
30	A/R & M/O Tara Devi Temple at Tara Devi Shimla HP) (SH:- Providing proposed additional wooden post in prayer hall Carving & polishing etc).	398906	8000/-	One Month	350.00
31	Special repair to Judicial court complex at Chakkar Shimla (SH:- P/F 0.60 mm thick painting pre-painted steel sheet in inner side of RCC Gutter with gate No. I – 1 st floor front side Block A.	166325	3300.00	One Month	350.00
32	Special repair to Judicial court complex at Chakkar Shimla (SH:- P/F 0.60 mm thick painting pre-painted steel sheet in inner side of RCC Gutter with gate No. I – 1 st floor front side Block B.	166325	3300.00	One month	350.00
33	C/o Ambulance road from Tara Devi to Duggal Cottege km. 0/00 to 12/00 (SH:- P/L G-I for correction G-III and M/T work in km. 0/500 to 0/780).	495197	10000/-	One Month	350.00
34	C/o Banuti Pahal to Dhayla road km. 0/00 to 1/00 (SH:-C/o R/wall at Rd. 0/980 to 0/995).	481145	10000/-	One Month	350.00
35	A/R & M/O Galog Nehra Okhroo road km. 0/00 to 12/00 (SH:- C/o R/wall at Rds 5/735 to 5/740)	495266	10000/-	Two month	350.00
36	R/R damages on Galog Nehra Okhroo km. 0/00 to 12/00 (SH:- C/o B/wall in PCC 1:5:10 at Rd. 5/565 to 5/617).	499517	10000/-	One month	350.00
37	C/o Gharog Nalta road km. 0/00 to 7/00 (SH:- P/L of hot applied thermoplastic centre line edge line & Zebra Crossing 2.50mm thick in km. 3/900 to 7/00).	387500	7800/-	15 days.	350.00
38	R.R damages on Neri Sangti road Km. 0/00 to 6/465 (SH:- C/O R/wall in Km. 1/940 to 1/950)	202619	4100	Two month	350.00
39	Special Repair to Judicial Court Complex at Chakkar Shimla SH:- C/o Chowkidar Room).	210390	4300/-	One Month	350.00
40	R/R damages on Hiranagar Sharog road km. 0/00 to 5/00 (SH:- C/o R/wall at Rd. 0/096.80 to 0/100.20)	488183	10000/-	One Month	350.00
41	R/R damages on Hiranagar Sharog road km. 0/00 to 5/00 (SH:- C/o R/wall at Rd0/100.20 to 0/103.60).	488183	10000/-	One Month	350.00
42	R/R damages on Hiranagar Sharog road km. 0/00 to 5/00 (SH:- C/o R/wall at Rd. 0/103.60 to 0/107.00)).	488183	10000/-	One Month	350.00
43	R/R damages on Nehra Saltu Dargot road Km. 0/00 to 5/350 (SH:- Removal of slips at various RDs).	492048	9900/-	Two Month	350.00
44	Restoration of rain damages on Devnagar Moolbari road Km. 0/00 to 1/00 (SH:- Providing and fixing wire crate at RD 0/105 to 0/030).	480902	10000/-	One Month	350.00
45	Construction of Chambighati to Phagera road Km. 0/00 to 2/500 (SH:- Construction of 900mm dia RCC Hume Pipe Culvert at RD 0/465).	167657	3000/-	One Month	350.00
46	Construction of Chambighati to Phagera road Km. 0/00 to 2/500 (SHP/L Soling G-I in Km. 0/00 to 0/300).	185303	4000/-	One Month	350.00

47	Restoration of rain damages on Devnagar Moolbari road Km. 0/00 to 1/00 (SH:- Providing and fixing wire crate at RD 0/040 to 0/055)	480902	10000/-	One Month	350.00
48	C/O Solah Mile Sedan road Km. 0/00 to 3/135 (SH:- Construction of Hume Pipe Culvert 900mm dia at various Rds. 0/200 to 0/400).	481569	10000/-	Two month	350.00
49	C/O Solah Mile Sedan road Km. 0/00 to 3/135 (SH:- Construction of Hume Pipe Culvert 900mm dia at various Rds. 1/650 and RD 1/875).	481569	10000/-	Two Month	350.00
50	Annual Repair and maintenance of link road to village Jadaini road Km. 0/00 to 1/150 (SH:- Repair of Pot Holes in Km. 0/00 to 1/150).	322391	6000/-	One Month	350.00
51	Repair of link road from Katasani to Bourdi Km. 0/00 to 0/500 (SH:- Providing and laying in WBM GI in Km. 0/00 to 0/500 under SPRM Deposit).	220035	4000/-	One Month	350.00
52	Improvement of road from Shogi Mehli road Km. 0/00 to 12/374(SH:- Providing and Fixing Channel railing at Km. 2/090 to 2/140).	121124	2500/-	One Month	350.00
53	A/R & M/O on various road under Dhamsi Sub-Division (SH:- Providing and Fixing of Retro-reflectorised cautionary , mandatory and informatory sign boards and dual directional rumble strips etc).	485000	10000/-	One Month	350.00
54	A/R & M/O on various road under Sub-Division Shoghi (SH:- Typical information, sign board, writing repairing putti and paint both side 5 th Km. Stone Ordinary Km. stone board, M-15 Brand grade Km. stone/ Local stone, village board) Job No. I.	496000	10000/-	One Month	350.00
55	A/R & M/O Shoghi Mehli road Km. 0/00 to 12/375(SH:- Maintenance of drain, Maintenance of Hume Pipe culvert, trimming of Grass, earth shoulders etc).	474725	9500	One Month	350.00
56	A/R & M/O Shimla Mandi road Km. 22/00 to 33/300 (SH:- Extension of culvert & Construction of R/wall at RD 27/210 to 27/220 & 27/223 to 27/226).	350509	8000/-	One month	350.00
57	Improvement of black spot on Shanan ghatti Dargi shoal Katal road Km. 0/00 to 12/200(SH:- Providing & fixing W-Metal Beam Crash Barrier on Shanan Ghatti road Km. 4/825 to 4/935).	495989	10000/-	One Month	350.00
58	Improvement of black spot on Shanan ghatti Dargi shoal Katal road Km. 0/00 to 12/200 (SH:- Providing & fixing W-Metal Beam Crash Barrier on Shanan Ghatti road Km. 4/00 to 4/110).	495989	10000/-	One Month	350.00
59	Improvement of curves on Khel Chaura Baggi road Km. 0/00to 12/00. (SH:- Improvement of Narrow curves in Km. 11/210 to 11/330).	471818	9000/-	One Month	350.00
60	Improvement of curves on Khel Chaura Baggi road Km. 0/00to 12/00. (SH:- Improvement of Narrow curves in Km. 11/375 to 11/495).	471818	9000/-	One Month	350.00
61	A/R & M/O on Devidhar Sheedal road Km. 0/00 to 3/510(SH:- Improvement of sharp curve, R/wall 1m Km. 2/205 to 2/215)	424864	8500/-	One Month	350.00
62	Construction of Banuti to Dhayla road Km. 0/00 to 1/00 (SH:- Construction of R/wall at Rd 0/965 to 0/980)	481145	10000/-	One month	350.00

62 (a)	Improvement of curves on Shimla Nalagarh road Km/ 7/00 to 22/00 (SH:- C/O B/wall at RD 7/510 to 7/516)	497014	10000/-	One Month	350.00
63	A/R & M/O on Devidhar Sheedal road Km. 0/00 to 3/510(SH:- Improvement of sharp curve, R/wall In Km. 2/195 to 2/205)/	424864	8500/-	One Month	350.00
64	A/R & M/O on Asia the Dawan to Chakkar road km.0/00 to 1/790 (SH:- C/o R/wall, A/W Toe at RD 0/355 to 0/364 near Pararkar vihar)	205988	4200	One Month	350.00
65	Improvement of curves on Shimla Nalagarh road Km/ 7/00 to 22/00 (SH:- Improvement of curve at RD 7/510 to 7/523.50)	488565	10000/-	One Month	350.00
66	Improvement of Black Spot on Salpper Tatapani Suni Luri road Km. 72/00 to 86/00(SH:- Improvement of Geometrics in Km. 78/245 to 78/269, 78/545 to 78/573, 84/395 to 84/415, 84/460 to 84/484 and R/wall at Rd 88/315 to 88/320)	488313	9800	Two Month	350.00
67	Annual repair and Maintenance of various roads in Ghandal section under Dhamsi sub-division(SH:- Providing and fixing Aluminum cat eyes on the roads) Job No.1	248775	5000	15 days	350.00
68	Construction of Devnagar to Moolbari road Km. 0/00to 1/00(SH:- Construction of B/wall above Existing B/wall at RD 0/445 to 0/485).	386495	8000/-	One month	350.00
69	R.R Damages on Banooti Pahalroad Km. 0/00 to 20/700 (SH:- Improvement of curves at Km 7/350 to 7/440).	499908	10000/-	Two Month	350.00
70	R.R Damages on Banooti Pahal road Km. 0/00 to 20/700 (SH:- Improvement of curves at Km. 4/065 to 4/155).	499908	10000/-	Two Month	350.00
71	A/R & M/O to New Rest House at Tara Devi under Shoghi Sub-Division (SH:- Providing House keeping and cleaning services at HPPWD Rest House at Tara Devi Shimla)	453600	9100	Six month	350.00
72	R/R damages on Mandorghat Anu road km. 0/00 to 5/00(SH:- C/o R/Wall at Rd. 0/045 to 0/065).	325081	6600/-	Two Month	350.00
73	A/R & M/O to Banuti Pahal via Nehwat road km. 0/00 to 20/700(SH:- Maintenance of drain, Maintenance of hume pipe culvert, trimming of grass, white washing, and Earthen shoulder in km. 0/00 to 9/00).	499245	10000/-	One Month	350.00
74	Annual Repair & Maintenance of Reodhar Piplidhar road Km. 0/00 to 3/00 (SH:- Construction of R/wall at RD 2/600 to 2/610 & Providing and fixing W-metal Beam Crash Barrier)	459044	9000/-	One Month	350.00

Followings documents should be attached with the application for tenders:-

- The Contractors are requested to be produced a copy of their PAN No. GST No. copy of enlistment renewed letter and EPF certificate alongwith FDR against earnest money.
- Special care would be taken to write the rates both in figures and in word failing which tender is likely to be rejected.

Executive Engineer
Shimla Rural Division
H.P.W.D. Dhamsi
On behalf of Governor of Himachal Pradesh
HIM SUCHNA AWAM JANSAMPARK

No: PW-SRDD-CB-CTR / 2022- 15943-52

Dated:- 9/9/2022

Copy forwarded for the following for information and necessary action to:-

1. The Superintending Engineer 4th Circle HPPWD Shimla-3.
2. The all Assistant Engineer working under this division for information and necessary action.
3. All the heads of the branches in this office.
4. Notice Board.

Executive Engineer
Shimla Rural Division
H.P.W.D. Dhami.

Feb 2001

Schedule Of Quantity									
Name Of Work :- R/R damages on Banuti Pehal road km. 0/00 to 16/150 (SH :- C/O R/wall at Rd. 16/050 to 16/087.50)									
Estimated Cost:- 4,99,929.00									
Earnest Money:- 10000.00									
Time:- One Months.									
Sl.No	Description of Work	No. of Qty.			Rate		Unit	Amount	
					In figures	In words			
1	2	3	4	5	6	7	8		
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. as per the direction of Engineer-In-Charge.	27	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 in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m as per the direction of Engineer-In-Charge. (For Structure as per drawing)	57.75	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 - (1:5:10) (One cement : five sand : Ten Graded stone aggregate 40mm nominal size) and curing complete including the carriage of materials in all leads lifts as per the direction of Engineer-In-Charge.	128.63	Cum				Per cubic metre		
4	Back filling behind abutment, wing wall and return wall and retaining wall with granular material complete as per drawings and MORD technical specification Clause 1204.3.8 (One thousand Two Hundred Four point Three Point Eight) including carriage of materials with in all leads and lifts as per direction of the Engineer-in-Charge.	33.75	Cum				Per cubic metre		
5	Providing and laying 100mm dia metre PVC pipe for wheep holes complete of approved quality Including carriage of material within all leads and lifts.	25.00	Rmt.				Per Running Metre		
		Total Rs.							

Executive Engineer,
Bhimla Rural Division
HPPD, Dhemi

Sub No. 2

Draft SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figure	Words	
Draft Shedule of Quantity						
Sr.No.	Name of work:-Improvement of black spot on Banooti Pahal via Newhah road KM 0/0 to 20/600(SH:-Formation Cutting in B/W KM 17/208 to 17/310 & 17/375 to 17/422).			Estimated C		498804.00
				Earnest Mor		10000.00
				Time limit :		Two Month.
1	Excavation in earthwork in hilly area all hights and depth, in all kind of soil including saturated soil comprising of mixed soil , ordinary rock and hard rock with rock breaker including breaking rock. 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, chamber, super elevation and level as shown on the drawings or as directed by the Engineer-in - Charges, in conformity with the requirement of technical specification, for Rural Road, August 2004 and clause 16.2 of General Conditions for Contract to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal of unsuitable cut material in specified manner,tremming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in -Charge for smooth riding. The recovery of useful stone that is 25-27 cubic meter in all cases falling which excavated & Disposed	1300.680	m3	Per Cubic metre		

Executive Engineer
Shimla Rural Division
HPPW Dhami

Tab no. 3

Draft SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figure	Words	
Draft Schedule of Quantity						
Sr.No.	Name of work:-Improvement of black spot on Banooti Pahal via Newhat road KM 0/0 to 20/600(SH:-Formation Cutting in B/W KM 13/110 to 13/215 & 13/490 to 13/550).			Estimated C		492210.00
				Earnest Mon		10000.00
				Time limit :-		Two Month.
1	Excavation in earthwork in hilly area all hights and depth, in all kind of soil including saturated soil comprising of mixed soil , ordinary rock and hard rock with rock breaker including breaking rock. 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, chamber, super elevation and level as shown on the drawings or as directed by the Engineer-in - Charges, in conformity with the requirement of technical specification for Rural Road, August 2004 and clause 16.2 of General Conditions for Contract to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal of unsuitable cut material in specified manner,trimming, filling of unevenness, blinding and finishing of the road to specified dimensions or as directed by the Engineer-in -Charge for smooth riding. The recovery of useful stone that is 35-21 cubic meter in all cases falling which measures @ 1.00m	1637.100	m3	Per Cubic metre		


Executive Engineer
 Shimla Rural Division
 HPPW, Dharmi

Draft SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figure	Words	
Draft Shedule of Quantity						
Sr.No.	Name of work:-Restoration of rain damages on Judicial Acedemy Ghandal(SH:-C/O R/wall at open Air Theater)Rd 0/00 to 4/00	Job No. 1			Estimated C	499874.00
					Earnest Mor	10000.00
					Time limit :	Two Month.
1	Demolition of stone Rubble masonry by manually/mechanical means above G.L. upto floor two level including stacking of serviceable materials and disposal of un-serviceable materials within all lead. including carriage of all labour, equipment and material to various location through all modes of transportation in all leads and lift, including all incidental charges.	34.50	m3	Per Cubic meter		
2	Squared rubble masonry coursed with hard stone of approved quality in foundation and plinth in Retaining/wall/breast wall including raking out joints in Cement Mortar 1:3 (one cement isto three sand) as per H.P.PWD. Specification 1990 volume- I, including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts, including all incidental charges.	10.400	m3	Per cubic meter		
3	Providing and laying cement concrete work 1:2:4 (one cement: two sand: four graded stone aggregate 20mm (twenty millimeter) nominal size) in walls and reventment walls (any thickness but not less than 0.10 meter thickness), and curing complete excluding cost of form work and reinforcement as per HP.PWD specification , including carriage of all labour equipment and material to various location through all modes of transportation in all lead and lift, including all incidental charges.	52.000	m3	Per cubic meter		
4	Providing tor steel reinforcement for reinforced cement concrete work including bending binding and placing in position including cost of binding wire complete as per structural drawing in all floors up to all heights and levels, as per direction of Engineer-in-Charge and as per HP.PWD. specification 1990 (One thousand Nine hundred Ninety) Volume-I (One), including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	936	Kg	Per kilo-gram me		
5	Providing and laying red sand stone slab in treads and risers of steps on a bed of 20 mm thick cement mortar 1:4(one cement four sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of the shade of the slab i.e. preparing of nosing i.e. rubbing and granite polish finish complete excluding cost of form work and reinforcement as per HP.PWD specification , including carriage of all labour equipment and material to various location through all modes of transportation in all lead and lift, including all incidental charges.	12.010		Per Sqm meter		
6	Providing weep holes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia PVC pipe extending through the full width of the structure with slope of 1:20 (One verticle isto twenty horizontal) towards drawing face complete as per drawing and MORD technical specification clause 614, 709, 1204.3.7(six hundred fourteen, seven hundred nine, one thousand two hundred four point three point seven) or as directed by the Engineer-in-Charge including carriage of materials with in all leads and lifts and other incidental	32.00	met	Per Meter		

Executive Engineer
Bhadrak Rural Division
H.P.P.W.D., Dhami

Job No. 5

Draft SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figure	Words	
Draft Shchedule of Quantity						
Sr.No.	Name of work:-Restoration of rain damages on Judicial Academy Ghandal(SH:-C/O R/wall at open Air Theater)Rd 0/00 to 4/00			Estimated C		499874.00
	Job No. 2.			Earnest Mon		10000.00
				Time limit :		Two Month.
1	Demolition of stone Rubble masonry by manually/mechanical means above G.L. upto floor two level including stacking of serviceable materials and disposal of un-serviceable materials within all lead. including carriage of all labour, equipment and material to various location through all modes of transportation in all leads and lift, including all incidental charges.	34.50	m3 Per Cubic meter			
2	Squared rubble masonry coursed with hard stone of approved quality in foundation and plinth in Retaining/wall/breast wall including raking out joints in Cement Mortar 1:3 (one cement isto three sand) as per H.P.PWD. Specification 1990 volume- 1, including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts, including all incidental charges.	10.400	m3 Per cubic meter			
3	Providing and laying cement concrete work 1:2:4 (one cment: two sand: four graded stone aggregate 20mm (twenty millimeter) nominal size) in walls and reventment walls (any thickness but not less than 0.10 meter thickness), and curing complete excluding cost of form work and reinforcement as per HP.PWD specification , including carriage of all labour equipment and material to various location through all modes of transportation in all lead and lift, including all incidental charges.	52.000	m3 Per cubic meter			
4	Providing tor steel reinforcement for reinforced cement concrete work including bending binding and placing in position including cost of binding wire complete as per structural drawing in all floors up to all heights and levels, as per direction of Engineer-in-Charge and as per HP.PWD. specification 1990 (One thousand Nine hundred Ninety) Volume-1 (One), including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	936	Kg Per kilo-gram me			
5	Providing and laying red sand stone slab in treads and risers of steps on a bed of 20 mm thick cement mortar 1:4(one cement four sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of the shade of the slab i.e. preparing of nosing i.e. rubbing and granite polish finish complete excluding cost of form work and reinforcement as per HP.PWD specification , including carriage of all labour equipment and material to various location through all modes of transportation in all lead and lift, including all incidental charges.	12.010	Per Sqm meter			
6	Providing weep holes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia PVC pipe extending through the full width of the structure with slope of 1:20 (One verticle isto twenty horizontal) towards drawing face complete as per drawing and MORD technical specification clause 614, 709, 1204.3.7(six hundred fourteen, seven hundred nine, one thousand two hundred four point three point seven) or as directed by the Engineer-in-Charge including provision of materials with in all leads and lift and all incidental charges.	32.00	meter Per Met er			
	Chases including provision of cast-iron with in all leads and lifts and all incidental charges.					

Executive Engineer,
Shimla Rural Division
HP.PWD, Dharm
SDs KSLI)

Job No. 6

Draft SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.			
				Figure	Words				
Draft Shchedule of Quantity									
Sr.No.	Name of work:-A/R & M/O Shimla Nalagarh road KM 6/900 to 22/00(SH:-M/T in KM 6/900 to 7/00).			Estimated C	285500.00				
							Earnest Mor	5800.00	Two Month.
1	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.275 kg (zero point two seven five kilogramme) per sqm on the prepared dry and hungry bituminous surface cleaned with Hydraulic broom as per Technical Specification Clause 503 (five zero three) and as per direction of Engineer in charge including carriage of all labour, equipments and materials to various locations through all modes of transportation in all lead & lifts and all incidental charges.	646.50	Sq m.	Per Square Meter					
2	Providing and laying bituminous concrete 30mm (thirty millimeter)thick with 100-120TPH batch type hot mix plant producing an average output of 75(seventy five) tonne per hour using crushed aggregates of specified grading premixed with bituminous binder @ 5.4 to 5.6 (five point four to five point six)percent 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 as per MORTH & H specifications clause 509 complete in all respect.The rates including carriage of material with in all leads & lifts & all taxes imposed by the Government,and other incidental charges,as per the entire satisfaction and direction of Engineer-in-charge.	19.40	m3	Per Cubic Meter					

Executive Engineer

Shimla Rural Division
HPPW, Dhami

Sub No. 7

Schedule Of Quantity

Schedule Of Quantity							Estimated Cost:- 4,95,027.00
Name Of Work :- C/O Shoghi Salana Sari road km. 0/00 to 13/885 (SH:- Improvement of narrow curves from km. 12/690 to 12/735, 12/750 to 12/810, 12/840 to 12/885, & 13,975 to 13/120 and 13/135 to 13/150)							Earnest Money:- 10000.00
							Time:- One Months.
S.No	Description of Work	No.of Qty.		Rate	In words	Unit	Amount
1	2	3	4	5	6	7	8
1	Cutting in earth work in all heights and depths in all kinds of soil including saturated soil comprising of pick, jumper, blasting work both in soft and hard rock with chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil including, dewatering where ever required, setting to the required line, grades, side slopes trimming bottoms and level as shown on the drawing as directed by the Engineer-in-Charge at site according to HP.PWD specifications of 1990 (One thousand Nine hundred Ninety) Volume-I and sorting out useful/un-useful materials and stacking the same in all leads and lifts and transportation of the unuseful materials for filling in road ways, embankments for grades improvements and leveling to the required grades and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites through all modes of transportation including head load, animal load or mechanical means along with its leveling fine dressing and all labour, machineries, materials, tools equipments and safety measures and incidentals necessary to complete the work by mechanized means and labour (if any required) the cost of useful materials such as stones, shingles, aggregates and slates shall be sorted out and stacked along road side, which shall not be less than one tenth of JW, one ten of SR and one six of HR one Third = 408.99 cum qty. which shall be proportionately increase/decrease as the qty. of earth work increase/decreases in all cases recovered from the contracto @ 300/- (Three hundred only) per cubic metre shall be effected any loss to the public and private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	1226.985	Cum			Per cubic metre	
Total Rs.							

Executive Engineer
Shimla Rural District
HPPWD Dhami

50220.8

Schedule Of Quantity

Name Of Work :- C/O link road Mandolghat to Jamog Via Bhargan km. 0/00 to 5/040 (SH:- Cutting in Earth Work in km. 3/030 to 3/225).					Estimated Cost:- 4,64,303	
					Earnest Money:- 10000.00	
					Time:- Two Months.	
S.No	Description of Work	No.of Qty.	Rate In figures	In words	Unit	Amount
1	2	3	4	5	6	7
1	Cutting in earth work in all heights and depths in all kinds of soil including saturated soil comprising of pick, jumper, blasting work both in soft and hard rock with chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil including, dewatering where ever required, setting to the required line, grades, side slopes trimming bottoms and level as shown on the drawing as directed by the Engineer-in-Charge at site according to HP PWD specifications of 1990 (One thousand Nine hundred Ninety) Volume-1 and sorting out useful/un-useful materials and stacking the same in all leads and lifts and transportation of the unuseful materials for filling in road ways, embankments for grades improvements and leveling to the required grades and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites through all modes of transportation including head load, animal load or mechanical means along with its leveling fine dressing and all labour, machineries, materials, tools equipments and safety measures and incidentals necessary to complete the work by mechanized means and labour (if any required). the cost of useful materials such as stones, shingles, aggregates and slates shall be sorted out and stacked along road side, which shall not be less than one tenth of JW, one ten of SR and one six of HR one Third =204.17 cum qty. which shall be proportionately increase/decrease as the qty. of earth work increase/decreases in all cases recovered from the contracto @170/- (one hundred seventy only) per cubic metre shall be effected any loss to the public and private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	1611.94	288.04	Rupees Two Hundred Eighty Eight and Paise Four Only	Per cubic metre	464303
Total Rs.						4,64,303

Executive Engineer,
Shimla Rural Division,
HPPWD Bhambi, *Day*

Draft SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figure	Words	
Draft Shdedule of Quantity						
Sr.No.	Name of work:-C/O Sharah Nallah to Nadhoot road KM 0/0 to 2/600(SH:-C/O R/wall at RDs 0/775 to 0/786).					499710.00
					Estimated C	10000.00
					Earnest Mor	Two Month.
					Time limit :	
1	Excavation in soil in Hilly Area by mechanical means including cutting and trimming of side slopes and disposing of excavated earth with in all lead and lift as per Technical Specification Clause 1603.1(one six zero three point one) and MORD specification including carriage of all labour equipment and materials to various location of site through all modes of transportations in all lead, lift and all incidental charges. all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosions, damage to hill side, water pollutions etc., and to protect stability of hill side rock work shall be executed with chiseling, wedging out rock, where blasting is prohibited). All earth work in excavation including rock excavation shall be carried out true to lines, grades, side slopes, width, camber super elevations and levels as shown on the drawing or as directed by the Engineer-in- Charge. Stacking of materials useful for construction at suitable sites and safe disposal of unserviceable cut materials in specified manners, trimming, filling of unevenness blindages and finishing of the road to specified dimensions as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with	19.800	m3	Per Cubic metre		
2	Earthwork in excavation for all type of road structures such as retaining wall, breast wall, culvert, drain and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock chiesling / wedging out rocks (where blasting is prohibited). Dimesions and other particulars as per drawing and Technical Specification Clause 305.1(Three hundred Five point One) including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and its disposal including dressing of sides and bottom and backfilling in trenches with excavated suitable material, trimming, filling of unevenness blindages and finishing of the road to specified dimensions. All work of excavation by blasting shall be carried out by taking all necessary precautions against soil erosions, damage to hill side, water pollutions etc., and to protect stability of hill side rock. Stacking of materials useful for construction at suitable sites and safe disposal of unserviceable excavated materials in specified manners to dumping site (to be arranged by the contractor) or as directed by the Engineer-in-Charge. Any loss to the public or private property during the course of execution shall be the sole responsibility of the	41.250	m3	Per Cubic Met er		
3	Providing and Laying cement concrete 1:5:10 (one cement isto five sand isto ten graded stone aggregate 40mm) and mechanical mixed, vibrated and curing complete including the cost of farmwork for plain concrete in retaining walls, breast walls, the size of plum should be 150 to 300 mm as per drawing and HP.PWD technical / MORD specifications 800 & 1200 (eight zero zero & one two zero zero) & as directed by the Engineer-in-Charge including carriage of materials with in all leads and lifts and other	129.360	m3	Per Cubic Met		

Draft SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figure	Words	
4	Providing weep holes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia PVC pipe extending through the full width of the structure with slope of 1:20 (One verticle isto twenty horizontal) towards drawing face complete as per drawing and MORD technical specification clause 614, 709, 1204.3.7(six hundred fourteen, seven hundred nine, one thousand two hundred four point three point seven) or as directed by the Engineer-in-Charge including carriage of materials with in all leads and lifts and other incidentals	28.00	meter			
5	Backfilling of Granular material behind abutment, wing wall and return wall, breast walls, retaining walls and parapets up to all heights, depths and levels complete as per drawings and MORD technical specification clause 1204.3.8 (one thousand two hundred four point three point eight) , including carriage of all labour equipment and materials to various location of site through all modes of transportations in all	19.80	m3			

Executive Engineer
 Shimla Rural Division
 HPPAD, Dharmi

Sub No. 10

SCHEDULE OF QUANTITY

Name of Work :- Construction of Govt. Senior Secondary School Building at Chanawag Sub Tehsil Dhami District Shimla, H.P.
(Sh: Providing and fixing roofing work) JOB No-1

Estimated Cost: - Rs 494792 /- only
Earnest Money :- Rs. 10000 /-only
Time: - Two Months

S. No.	Sub head and items of work	Qty.	Rate		Unit	Amount
			figures 4	In words 5		
1	2	3	4	5	6	7
1	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5 x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purfins, rafters and trusses and including cutting to size and shape wherever required. and as per the direction of Engineer-in-Charge	310.40			Per Square Metre	7
2	Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge					
2.01	Ridges plain (600mm)	40.00			Rmt.	Per Running Metre
2.02	Valley plain (upto 900 mm)	20.00			Rmt.	Per Running Metre
2.03	Flashings/ Aprons. (Upto 400 mm)	60.00			Rmt.	Per Running Metre
2.04	Gutter 300 mm wide (900 mm over all girth)	60.00			Rmt.	Per Running Metre
3	Steel work welded in built up sections/ framed work, including hollow section 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 within all leads and lifts and as per the direction of Engineer-in-Charge					
3.01	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	92.00			Kg	Per Kilogramme
0					Total:	

Note : (i) All the material will procured by the contractor him self.

Executive Engineer
Shimla Rural Division
H.P. & D.D. Chandra

Sub No 11

SCHEDULE OF QUANTITY

Name of Work :- Construction of Govt. Senior Secondary School Building at Chanawag Sub Tehsil Dhami District Shimla, H.P. (Sh: Providing and fixing roofing work) JOB No-II						Estimated Cost: - Rs 495155 /- only Earnest Money : - Rs. 10000 /-only Time: - Two Months		
S. No.	Sub head and items of work	Qty.	Rate	Unit	Amount			
			figures 4			In words 5		
1	2	3	5	6	7			
1	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A,including jointing with seal ring conforming to IS : 5382,leaving 10 mm gap for thermal expansion, (i) Single socketed pipes,including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge							
1.01	150 mm diameter	10.00	Rmt	Per Running Metre				
2	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion,including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge							
2.01	150 mm bend / door bend	20.00	Nos	Each				
2.02	150 mm Plain Shoe	20.00	Nos	Each				
3	Providing and fixing 150 mm unplasticised-PVC pipe clamps of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete,including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge	40.00	Nos	Each				
4	Providing and fixing M.S. BP Sheet 2mm 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 as per the instruction of Engineer-in-Charge (Base members of steel work shall be measured & paid separately)including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge	272.32	Sqm	Per Square Metre				
5	Providing and fixing M.S. round / rectangular / square hollow pipe 100 mm dia of approved size and section in vertical post welded in straight length over MS Flat at top of vertical blusters including one coat of red oxide priming coat complete as per HPPWD, specification of 1990 volume-I including carriage of materials, labour, tools and plant through all modes of transportation within all leads and lifts and as per the direction of Engineer-in-Charge.	32.00	Rmt.	Per Running Metre				
6	Providing and laying mirror polished Kota stone slab of size 55x55 CM in flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge: 25 mm thick	20.00	Sqm.	Per Square Metre				
0				Total:				

Note : (i) All the material will be procured by the contractor him self.

Executive Engineer
Shimla Rural District
H.P. Dhami

Job No. 12

SCHEDULE OF QUANTITY

Name of Work :- Construction of Govt. Senior Secondary School Building at Chanawag Sub Tehsil Dhami District Shimla, H.P.
(Sh: Providing and fixing roofing work) JOB No-III

S. No.	Sub head and items of work	Qty.	Rate		Unit	Amount
			figures	In words		
1	Providing and laying mirror polished Kota stone slab of size 55x55 CM in flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge: 25 mm thick	172.50	4	5	Per Square Metre	7
2	P/F Mirror polished Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge	68.00			Per Square Metre	
3	Making half round nosing / moulding in granite stone / marble stone / Kota Stone in treads of steps, shelves skirting, dado etc. with mechanical / manual including rubbing and polishing complete as per HP PWD specification of 1990 volume-I including carriage of material, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.	60.00			Per Running Metre	
4	Providing and laying anti skid Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc complete including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge	22.50			Per Square Metre	
5	Providing and fixing 1st quality ceramic glazed wall tiles 30x45 cm conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge	89.16			Per Square Metre	
0					Total:	

Note : (i) All the material will be procured by the contractor him self.

Executive Engineer
Shimla Rural District
H.P. PWD Dhami

Job No. 13

SCHEDULE OF QUANTITY

Name of Work: - Annual Repair & Maintenance on Link Road to Rest House Dhami Road Km. 0/00 to 0/450 (SH: Repair of Pot Hole RD's 0/00 to 0/450)			Estimated Cost: - Rs 499111 /- only Earnest Money : - Rs. 10000 /-only Time: - One Month		
S. No.	Sub head and items of work	Qty.	Rate	Unit	Amount
			figures 4		
1	2	3	In words 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, 503 and 508.1 including carriage of material up to all leads and lifts as per the direction of Engineer -in- Charge.	1338.10 Sqm.		Per Square Metre	
0				Total:	

Note : (i) All the material will procured by the contractor him self.

Executive Engineer
Shimla Rural Division
HPPWD, Dhami.

Sub No. 14

Schedule Of Quantity							Estimated Cost:- 4,32,012.00
Name Of work :- R/R damages on Shimla Mandi Road Km. 22/00 to 52/300 (SH:- C/O							Earnest Money:- 8700.00
Protection R/wall earth filling of empty bitumen drum in km. 51/340 to 51/352.50)							Time:- One Months.
S.No	Description of Work	No. of Qty.		Rate	In words	Unit	Amount
1	2	3	4	5	6	7	8
1	Providing and laying empty Cement bags with earth filling and stacking along the Shimla Mandi road for the protection of this road due to rise the water level of Satluj River and Damaged road along with protection work like R/wall. (24" x 36")	1.00	Nos			Each	
2	Providing and laying empty Bitumen Drum with earth filling and stacking along the Shimla Mandi road for the protection of this road due to rise the water level of Satluj River and Damaged road along with protection work like R/wall.	1.00	Nos			Each	
Total Rs.							

Executive Engineer,
Shimla Rural Division,
HP, RWD, Dhamsi. *Romy*

Job No- 15

Draft Schedule Of Quantity

Draft Schedule Of Quantity						Estimated Cost:- 4,99,515
Description of Work :- A/R & M/O on Ghonaahau Bajol road km. 6/450 to 14/370 (S.M.) Repair of						Earnest Money:- 100000.00
Job No. Rds. 9/400 to 14/370 (Job No. 15)						Time:- One Month
S.No	Description of Work	No. of Qty.	Rate	In words	Unit	Amount
			Rs			
1	2 Paving, grading, spreading and compacting stone aggregate of 20mm size to 40mm size in accordance with specification in Rds. 9/400 to 14/370 (S.M.) Thickness 150mm, rolling with smooth wheel roller No. 100 KN in stages to achieve grade and camber, applying and compacting stone screening/finishing materials to fill up the interstices of coarse aggregate, watering and compacting to the required density grading all as per technical specification for 40mm 4.75mm sieve aggregate 40 mm to 20mm size including hauling of material to all heads and lifts as per the entry satisfaction and direction of the Engineer in Charge.	3 13.02	5	6 Cub	7 Per cubic metre	8
2	Repair of pot holes and removal of loose materials trimming of sides, cleaning of surface by providing tack coat 20 mm thick premix carpet and seal coat type-b specification clause 1904.2.503 and 508.1, including carriage of materials with in all heads and lifts and as per the direction of Engineer in Charge.	1262.39		Sqm	Per Square Metre	
Total Rs.						

Executive Engineer,
Shimla Rural Division,
HP, PWD, Dharni.

Job No. 16

SCHEDULE OF QUANTITY

S. No.		Sub head and items of work	Qty.	Rate		Unit	Amount
				figures	In words		
				4	5		
1		2	3			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 1.5 m and a lead upto 20 m as per drawing and Technical Specification Clause 1603.1 and other deleterious materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in-Charge.	50.00 Cum			Per cubic metre	
2		Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom and backfilling in trenches with excavated suitable material as per MORD specification directed by Engineer-in-Charge.	35.50 Cum			Per cubic metre	
3		Providing and Laying cement concrete for plain / reinforced conc. In open foundation complete as per drawing and technical specification clause-802, 803, 1202 & 1203 in Cement Concrete 1:5:10 (1 Cement : 5 sand: 10 graded stone Aggregate 40 mm nominal mix). Including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge.	119.60 Cum			Per cubic metre	
4		Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100 mm 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 . Including carriage of material upto all leads and lifts as per the direction of Engineer -in-Charge.	80.00 Rmt.			Per Running Metre	
0						Total:	

Name of Work: - Construction of Crasher to Domehar Road Km. 0/00 to 0/950 (Sh: Construction of Edge Wall at RD's 0/00 to 0/50)

Estimated Cost: - Rs 446907 /- only
Earnest Money : - Rs. 9000 /-only
Time: - One Month

Note : (i) All the material will procured by the contractor him self.

Executive Engineer
Shimla Rural Division
H.P. Road Division

Job No. 17

SCHEDULE OF QUANTITY

Name of Work: - Construction of R-wall and Fencing at village Majthai Bus Stop on Majthai Bharyal Road (SH:-
C/O R-Wall at RD. 0/150 to 0/170) Balance work, under SPMRM,
Estimated Cost: - Rs 211019 /-
Earnest Money : - Rs. 4000 /-only
Time: - One Month

S. No.	Sub head and items of work	Qty.	Rate		Unit	Amount
			figures	In words		
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom and backfilling in trenches with excavated suitable material as per MORD specification directed by Engineer-in-Charge.	33.00	4	5	Per cubic metre	7
2	Providing and Laying cement concrete for plain / reinforced conc. In open foundation complete as per drawing and technical specification clause-802, 803, 1202 & 1203 in Cement Concrete 1:5:10 (1 Cement : 5 sand: 10 graded stone Aggregate 40 mm nominal mix). Including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge.	50.72			Per cubic metre	
3	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8, (I) Granular material, Including carriage of material within all leads upto leads as per the direction of Engineer-in-Charge.	24.00			Per cubic metre	
4	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100 mm 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 . Including carriage of material upto all leads and lifts as per the direction of Engineer-in-Charge.	33.00			Per Running Metre	
0					Total:	

Note : (i) All the material will procured by the contractor him self.

Executive Engineer,
Shimla Rural Division
HPPAD, Dharmi.

Draft SCHEDULE OF QUANTITY

1/2

Draft SCHEDULE OF QUANTITIES						
Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figure	Words	
Draft Shedule of Quantity						
Sr.No.	Name of work:-Construction of Gharog Nalta road KM 0/00 to 7/00(SH:-C/O PCC R/wall & cutting work in KM 1/630 to 1/710).				Estimated C Earnest Mon	490854.00 10000.00 Two Month.
1	Excavation in soil in Hilly Area by mechanical means including cutting and trimming of side slopes and disposing of excavated earth with in all lead and lift as per Technical Specification Clause 1603.1(one six zero three point one) and MORD specification including carriage of all labour equipment and materials to various location of site through all modes of transportations in all lead, lift and all incidental charges. all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosions, damage to hill side, water pollutions etc., and to protect stability of hill side rock work shall be executed with chiseling, wedging out rock, where blasting is prohibited). All earth work in excavation including rock excavation shall be carried out true to lines, grades, side slopes, width, camber super elevations and levels as shown on the drawing or as directed by the Engineer-in- Charge. Stacking of materials useful for construction at suitable sites and safe disposal of unserviceable cut materials in specified manners, trimming, filling of unevenness blindages and finishing of the road to	733.500	m3	Per Cubic metre		
2	Earthwork in excavation for all type of road structures such as retaining wall, breast wall, culvert, drain and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock chiesling / wedging out rocks (where blasting is prohibited). Dimesions and other particulars as per drawing and Technical Specification Clause 305.1(Three hundred Five point One) including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and its disposal including dressing of sides and bottom and backfilling in trenches with excavated suitable material, trimming, filling of unevenness blindages and finishing of the road to specified dimensions. All work of excavation by blasting shall be carried out by taking all necessary precautions against soil erosions, damage to hill side, water pollutions etc., and to protect stability of hill side rock. Stacking of materials useful for construction at suitable sites and safe disposal of unserviceable excavated materials in specified manners to dumping site (to be arranged by the contractor) or as directed by the	34.050	m3	Per Cubic Met er		

Draft SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figure	Words	
3	Providing and Laying cement concrete 1:5:10 (one cement isto five sand isto ten graded stone aggregate 40mm) and mechanical mixed, vibrated and curing complete including the cost of farmwork for plain concrete in retaining walls, breast walls, the size of plum should be 150 to 300 mm as per drawing and HP.PWD technical / MORD specifications 800 & 1200 (eight zero zero & one two zero zero) & as directed by the Engineer-in-Charge including carriage of materials with in all leads and lifts and other incidentals.	85.050 m3	Per Cubic Meter			
4	Backfilling of Granular material behind abutment, wing wall and return wall, breast walls, retaining walls and parapets up to all heights, depths and levels complete as per drawings and MORD technical specification clause 1204.3.8 (one thousand two hundred four point three point eight) , including carriage of all labour equipment and materials to various location of site through all modes of transportations in all leads lifts and all	17.10 m2	Per Square Meter			
5	Providing weep holes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia PVC pipe extending through the full width of the structure with slope of 1:20 (One verticle isto twenty horizontal) towards drawing face complete as per drawing and MORD technical specification clause 614, 709, 1204.3.7(six hundred fourteen, seven hundred nine, one thousand two hundred four point three point seven) or as directed by the Engineer-in-Charge including carriage of materials with in all leads and lifts and other incidentals.	13.45 met	Per Meter			

Executive Engineer
Shimla Rural Division
HP.PWD, Dhamsi

Draft SCHEDULE OF QUANTITY

Sub No. 12

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figure	Words	
Draft Shedule of Quantity						
Sr.No.	Name of work:-Construction of Gharog Nalta road KM 0/00 to 7/00(SH:-C/O PCC R/wall & cutting work in KM 1/630 to 1/710).				Estimated C	490854.00
					Earnest Mor	10000.00
					Time limit :-	Two Month.
1	Excavation in soil in Hilly Area by mechanical means including cutting and trimming of side slopes and disposing of excavated earth with in all lead and lift as per Technical Specification Clause 1603.1(one six zero three point one) and MORD specification including carriage of all labour equipment and materials to various location of site through all modes of transportations in all lead, lift and all incidental charges. all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosions, damage to hill side, water pollutions etc., and to protect stability of hill side rock work shall be executed with chiseling, wedging out rock, where blasting is prohibited). All earth work in excavation including rock excavation shall be carried out true to lines, grades, side slopes, width, camber super elevations and levels as shown on the drawing or as directed by the Engineer-in- Charge. Stacking of materials useful for construction at suitable sites and safe disposal of unserviceable cut materials in specified manners, trimming, filling of unevenness blindages and finishing of the road to	733.500	m3	Per Cubic metre		
2	Earthwork in excavation for all type of road structures such as retaining wall, breast wall, culvert, drain and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock chiesling / wedging out rocks (where blasting is prohibited). Dimesions and other particulars as per drawing and Technical Specification Clause 305.1(Three hundred Five point One) including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and its disposal including dressing of sides and bottom and backfilling in trenches with excavated suitable material, trimming, filling of unevenness blindages and finishing of the road to specified dimensions. All work of excavation by blasting shall be carried out by taking all necessary precautions against soil erosions, damage to hill side, water pollutions etc., and to protect stability of hill side rock. Stacking of materials useful for construction at suitable sites and safe disposal of unserviceable excavated materials in specified manners to dumping site (to be arranged by the contractor) or as directed by the	34.050	m3	Per Cubic Met er		

Job No. 19

Draft SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figure	Words	
					Estimated Cost	487500.00
					Earnest Money	9800.00
					Time: -	Fifteen days.

Job No.

Name of work: - C/O Gharog Nalta road KM 0/00 to 7/00 (SH :- Providing and laying of hot applied thermoplastic Center Line, Edge Line & Zebra Crossing 2.50 mm thick in KM 0/00 to 3/900

1	Providing and laying of hot applied thermoplastic compound 2.5 mm (two point five millimeters) thick, 0.10 (Zero point one zero) meters strip for center line and 0.15 (Zero point one five) meter wide strip for Edge line and 0.30 (zero point three zero) meter wide and 3.00 (three) meter long Zebra crossing including reflectorising glass beads @ 250 gms (two fifty grammes) per square meter area, thickness of 2.5 mm (two point five millimeters) is exclusive of surface-applied glass beads as per IRC:35 (thirty five) in accordance with Ministry of Road Transport Specification (Latest revision) and IRC Code. The finished surface to be level, uniform and free from streaks and holes including carriage of all labour, equipments and materials to various location through all modes of transportation in all leads lifts and all incidental charges	780.00 m ²	Per Square Meter			

Executive Engineer
Shimla Rural Division
HPPW Dhami

Job No. 20

629

Schedule Of Quantity							Estimated Cost:- 4,93,992.00
Name Of work :- R/R damages on Bag to Kangri road km. 0/00 to 7/250 (SH):- Removal of slips in various Rds)							Earnest Money:- 10,000.00
							Time:- One Months.
S.No	Description of Work	No. of Qty.		Rate	In words	Unit	Amount
				In figures			
1	2	3	4	5	6	7	8
1	Removal of slips/land slides in hilly area in all height and depth in all kind of soil such as ordinary soil, ordinary rock and hard rock including blasting (If required) by mechanical means including cutting and trimming of slopes and disposal of cut /unserviceable materials/debries upto indentified dumping site within all lead and lift as per technical specification 302.3.5 and 1611. including stacking of serviceable material on road side and neatly dressed the road surface as per direction of the Engineer-in-charge. In case any of damages to govt/Private property took place, the contractor shall be liable for it and cost of repair/ restoration will be born/duly compensated by the contractor a tion of 1990 volume-I and direction of Engineer-in-charge including carriage of material within all leads and lifts as per HP. PWD., specification of 1990 volume-I and direction of Engineer-in-charge.	5811.68	Cum			Per Cubic Metre	
						Total Rs.	

Executive Engineer,
Shimla Rural Division,
HP PWD, Dhamsi. *[Signature]*

Tab No. 91 **Draft SCHEDULE OF QUANTITY**

Description of work

Jr. No.

Qty.

Unit

Figures

Words

AMOUNT
Rs.

Estimated Cost: 450200.00
Earnest Money: 9100.00
Time: - Two months

P.R. Damages in

Name of work:- ~~A/R & M/O to~~ Kheel ka Chaura to Baggi road KM 0/0 to 12/00 (SH:-Hiring of JCB machine & Tipper for removal of slips, Drain clearance and berm etc).

1	Hiring of Tipper for disposal of earthen material or slips having capacity 5.50 Cum. (10.00 tonne) per trip and minimum working hours @ 8 (eight) hours per day which shall include all expenses on A/C of establishment, POL, repair & other overhead charges etc. The tipper has to perform not less than as prescribed in the norms of HP. PWD. And as per direction of Engineer in Charge, including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts and all incidental charges.	30 day	Per day			
	Hiring of JCB / loader cum-excavator for removal of slips/Malwa/Debris and dressing of berms along road with minimum capacity 45 cum per hour minimum six hours per day including pay of operator.P.O.L. Charges maintenance of any major or minor accidents and other damages to private and Govt.property occur during working hour in whole responsibility of contractor disposal of unserviceable materials and stacking of serviceable material along road side in all leads and lifts and as per the direction of Engineer-in-charge.	322.00 hr	Per Hour			
(a)	Hire charges should include expenses on account of establishment POL Major and minor repairs /over hauling and replacement of tyres and					
(b)	Hire charges should also include insurance of machinery/vehicles and establishment and the department shall not be responsible for any fatal/non					
(c)	Hire charges should also include all local or out side taxes including of road tax entry tax and other taxes if any.					
(d)	Hire charges shall be payable only on signing of contract agreement and bringing the machinery/vehicles to the site as per the direction of					
(e)	Minimum work as per PWD norms must be executed by the machinery hired.					
(f)	The bucket and loader capacity of JCB cum-excavator should not be less than 0.24 cum and one cum. Respectively and BHP is 72. The machinery should be of latest Model not older than 1999					
(g)	Quantity of excavated/removed material should not be less than 28 cum/per hour					
		Total				

Terms and Conditions :-

- Hire charges should include expenses on account of establishment POL Major and minor repairs /over hauling and replacement of tyres and
- Hire charges should also include insurance of machinery/vehicles and establishment and the department shall not be responsible for any fatal/non
- Hire charges should also include all local or out side taxes including of road tax entry tax and other taxes if any.
- Hire charges shall be payable only on signing of contract agreement and bringing the machinery/vehicles to the site as per the direction of
- Minimum work as per PWD norms must be executed by the machinery hired.
- The bucket and loader capacity of JCB cum-excavator should not be less than 0.24 cum and one cum. Respectively and BHP is 72. The machinery should be of latest Model not older than 1999
- Quantity of excavated/removed material should not be less than 28 cum/per hour

[Signature]
Executive Engineer,
Shikha Rural Division
HPPWD, Dharm

Draft SCHEDULE OF QUANTITY

Description of work

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figure	Words	
Draft Shchedule of Quantity						
Sr.No.	Name of work:-C/O Sharah Nallah to Nadhoot road KM 0/0 to 2/600(SH:-C/O R/wall at RDs 0/786 to 0/797).				Estimated Cost	499710.00
					Earnest Money	10000.00
					Time limit :-	Two Month.
1	Excavation in soil in Hilly Area by mechanical means including cutting and trimming of side slopes and disposing of excavated earth with in all lead and lift as per Technical Specification Clause 1603.1(one six zero three point one) and MORD specification including carriage of all labour equipment and materials to various location of site through all modes of transportations in all lead, lift and all incidental charges. all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosions, damage to hill side, water pollutions etc., and to protect stability of hill side rock work shall be executed with chiseling, wedging out rock, where blasting is prohibited). All earth work in excavation including rock excavation shall be carried out true to lines, grades, side slopes, width, camber super elevations and levels as shown on the drawing or as directed by the Engineer-in- Charge. Stacking of materials useful for construction at suitable sites and safe disposal of unserviceable cut materials in specified manners, trimming, filling of unevenness blindages and finishing of the road to specified dimensions as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with	19.800	m3	Per Cubic metre		
2	Earthwork in excavation for all type of road structures such as retaining wall, breast wall, culvert, drain and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock chiesling / wedging out rocks (where blasting is prohibited). Dimesions and other particulars as per drawing and Technical Specification Clause 305.1(Three hundred Five point One) including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and its disposal including dressing of sides and bottom and backfilling in trenches with excavated suitable material, trimming, filling of unevenness blindages and finishing of the road to specified dimensions. All work of excavation by blasting shall be carried out by taking all necessary precautions against soil erosions, damage to hill side, water pollutions etc., and to protect stability of hill side rock. Stacking of materials useful for construction at suitable sites and safe disposal of unserviceable excavated materials in specified manners to dumping site (to be arranged by the contractor) or as directed by the Engineer-in-Charge. Any loss to the public or private property during the course of execution shall be the sole responsibility of the	41.250	m3	Per Cubic Met er		
3	Providing and Laying cement concrete 1:5:10 (one cement isto five sand isto ten graded stone aggregate 40mm) and mechanical mixed, vibrated and curing complete including the cost of farmwork for plain concrete in retaining walls, breast walls, the size of plum should be 150 to 300 mm as per drawing and HP.PWD technical / MORD specifications 800 & 1200 (eight zero zero & one two zero zero) & as directed by the Engineer-in-Charge including carriage of materials with in all leads and lifts and other incidentals.	129.360	m3	Per Cubic Met er		

Draft SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figure	Words	
4	Providing weep holes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia PVC pipe extending through the full width of the structure with slope of 1:20 (One verticle isto twenty horizontal) towards drawing face complete as per drawing and MORD technical specification clause 614, 709, 1204.3.7(six hundred fourteen, seven hundred nine, one thousand two hundred four point three point seven) or as directed by the Engineer-in-Charge including carriage of materials with in all leads and lifts and other incidentals.	28.00	Per Met er			
5	Backfilling of Granular material behind abutment, wing wall and return wall, breast walls, retaining walls and parapets up to all heights, depths and levels complete as per drawings and MORD technical specification clause 1204.3.8 (one thousand two hundred four point three point eight) , including carriage of all labour equipment and materials to various location of site through all modes of transportations in all leads lifts and all incidental charges	19.80	Per Cubi c Met			

Executive Engineer
 Shimla Rural Division
 HPWD, Dhamsi

Job No. 83

SCHEDULE OF QUANTITY

S. No.		Name of Work: - Improvement of Black Spots and Providing of Fixing Railing and parapet in Devnagar Crusher to Domehar Road Km. 0/00 to 0/950 (SH: Providing and fixing of Railing W-Beam Crash Barrier in 0/00 to 0/102)	Qty.	Rate		Unit	Amount
				figures	In words		
				4	5		
1	1	Providing and laying cement concrete for Plan / reinforced conc. In open foundation complete as per drawing and technical specification clause - 802,803,1202 & 1203.in P.C.C grade M-20 (1.2.4. nominal mix 20mm) Including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge.	20.59 Cum			Per cubic metre	7
2	2	Providing and erecting a "W"metal beam crash barrier comprising of 3mm thick corrugated sheet metal rail 70 cm. above road/ground level fixed on GI Sheet channel vertical post 150x75x5 mm spaced 1.5 m center to center, 1.8 m high, 1.1 m below ground /road level, all steel part and fittings to be galvanised by hot dip process, all fitting to conforms to IS:1367 and IS:1364 metal beam rail to be fixed on the vertical post with a spacer of channel section 150x75x5mm, 330mm long complete as per clause 810 including high intensity grade all weather proof reflective sheeting multi colour tape fixed with mechanical means with high visible(cautionary) from long distance i.e. in fog prone area, black spot point and narrow curve etc.	102.00 Rmt			Per Running Metre	
0						Total:	

Note : (i) All the material will procured by the contractor him self.

(Signature)
 Billings for the Project
 HP Road Dhamra

Sub No. 24

Schedule Of Quantity							Estimated Cost:- 1,74,926.00
NAME OF WORK :- C/O Ambulance road from primary School to I.M.L. Power under Sub							Earnest Money:- 3500.00
Division Shoghi (SH:- C/O Edge wall at Rd. 0/030 to 0/038 & 0/130 to 0/138)							Time:- One Months.
S.No	Description of Work	No. of Qty.	Rate In figures	In words	Unit	Amount	
1	2	3	4	5	6	7	8
1	Excavation in earth work in hilly area in all heights and depths in all kind of soil by manual/mechanical means including saturated soil comprising of mixed soil, ordinary rock and hard rock 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, etcetra and to protect stability of hill side track 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	16.00	Per cum		Per cubic metre		
2	Earth work in excavation for structures as per drawing and technical specification clauses 305.1 including setting out, construction of shoring bracing removal of stumps and other deleterious material and disposal up to lead of 50m dressing of sides and bottom and backfilling in trenches with excavated suitable material up to 3m depth.	11.36	Per cum		Per cubic metre		
3	Providing and laying cement concrete 1:4:8 (1 cement : 4 Sand : 8 graded stone aggregate 25mm nominal size) and curing complete excluding the cost of form work in Foundation and plinth. including carriage of material	41.60	Per cum		Per cubic metre		
4	Providing and laying 100mm dia metre PVC pipe for wheep holes complete of approved quality including carriage of material within all leads and lifts.	16.00	Rmt.		Per Running Metre		
Total Rs.							

Executive Engineer,
Shimla Rural Division,
HP RD, Dhamsi.

Sub No. 25-

Schedule Of Quantity							Estimated Cost:- 4,97,807.00
Name Of Work :- C/O Ambulance road from Primary School to I.M.L. Pawar under Shoghi Sub Division (SG:- Providing and laying 1:4:8 under paver block in km. 0/00 to 0/405)							Earnest Money:- 10,000.00
							Time:- One Months.
S.No	Description of Work	No. of Qty.		Rate	In words	Unit	Amount
				In figures			
1	2	3	4	5	6	7	8
1	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 P.C.C Nominal mix 1:4:8 (1 cement :4sand :8 graded stone agg.)	111.375	Per cum			Per cubic metre	
2	Providing and laying cement concrete 1:2:4 (one cement is to Two sand is to Four graded stone aggregate 20mm forty milimetre nominal size) and curing complete excluding cost of form work in foundation and plinth with pidilite or Dr.fixit water proofing treatment as per the direction of the Engineer-in-Charge but including carriage of materials up to all leads and lifts	11.13	Per cum			Per cubic metre	
Total Rs.							

Executive Engineer,
Shimla Rural Division,
HP, ~~RWD~~, Dhami.

Sub No. 26

Schedule Of Quantity									
Name Of Work :- R/R damages on Garkhan to Barity road km. 3/00 to 8/00 (SH:- C/O R/wall at Rd. 7/960 to 7/978)									
S.No	Description of Work	No. of Qty.		Rate		Unit	Amount		
				In figures	In words				
1	2	3	4	5	6	7	8		
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. as per the direction of Engineer-In-Charge.	17.1	Cum	233.4					
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. as per the direction of Engineer-In-Charge. (For Structure as per drawing)	60.12	Cum	356.5					
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :- (1:5:10) (One cement : five sand : Ten Graded stone aggregate 40mm nominal size) and curing complete including the carriage of materials in all leads. lifts as per the direction of Engineer-In-Charge.	125.82	Cum	3419.57					
4	Back filling behind abutment, wing wall and return wall and retaining wall with granular material complete as per drawings and MORD technical specification Clause 1204.3.8 (One thousand Two Hundred Four point Three Point Eight) including carriage of materials with in all leads and lifts as per direction of the Engineer-in-Charge.	33.48	Cum	841.8					
5	Providing and laying 100mm dia metre PVC pipe for wheep holes complete of approved quality Including carriage of material within all leads and lifts.	27.00	Rmt.	170					
		Total Rs.							

Executive Engineer
Shimla Rural Division
H.P.W.D. Dhamtari

Job No. 27

SCHEDULE OF QUANTITY

Name of Work:- Restoration of rain damages on Banuti Pahal Road Km. 0/00 to 16/00 (Sh:- Construction of R-Wall at Rd. 1/435 to 1/455)			Estimated Cost: - Rs 347059 /- only Earnest Money : - Rs. 7000 /-only Time: - One Month		
S. No.	Sub head and items of work	Qty.	Rate		Amount
			figures	In words	
			4	5	
1	2	3			6
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 1.5 m and a lead upto 20 m as per drawing and Technical Specification Clause 1603.1 and other deleterious materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in-Charge.	30.40 Cum			Per cubic metre
2	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom and backfilling in trenches with excavated suitable material as per MORD specification directed by Engineer-in-Charge.	24.00 Cum			Per cubic metre
3	Providing and Laying cement concrete for plain / reinforced conc. In open foundation complete as per drawing and technical specification clause-802, 803, 1202 & 1203 in Cement Concrete 1:5:10 (1 Cement : 5 sand: 10 graded stone Aggregate 40 mm nominal mix). Including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge.	90.20 Cum			Per cubic metre
4	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8, (i) Granular material, including carriage of material within all leads upto leads as per the direction of Engineer-in-Charge.	19.20 Cum			Per cubic metre
5	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100 mm 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 . Including carriage of material upto all leads and lifts as per the direction of Engineer-in-Charge.	40.00 Rmt.			Per Running Metre
0					Total:

Note : (i) All the material will procured by the contractor him self.

Executive Engineer
Shimla Rural Division
HPPW, Dhamsi.

Sub No. 28

1/11

Schedule Of Quantity							Estimated Cost:- 4,99,813.00
Name Of Work :- Construction of Govt. Senior Secondary School Building at Chanawag							Earnest Money:- 10000.00
Sub feshil Dhami Distt. Shimla (HP) (SH):- Providing and Fixing water supply and sanitary installation etc)							Time:- One Months.
S.No	Description of Work	No. of Qty.		Rate		Unit	Amount
				In figures	In words		
1	2	3	4	5	6	7	8
1.00	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work						
1.1	15 mm nominal bore.	20	Rmt			Per running Metre	
1.2	20 mm nominal bore.	10	Rmt			Per running Metre	
2.00	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall :						
2.1	15 mm nominal bore.	18	Rmt			Per running Metre	
2.2	20 mm nominal bore.	27	Rmt			Per running Metre	
3.00	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete : 20 to 40 mm nominal bore	1	Nos				
4.00	Fixing water meter and stop cock in G.I. pipe line including cutting and threading the pipe and making long screws etc. complete (cost of water meter and stop cock to be paid separately).	1	Nos			Each	
5.00	Providing and placing 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.	1000	Per Litre			Per Litre	

2/11

6.00	ConstrConstructing masonry Chamber 30x30x50 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12mm thick, finished with a floating coat of neat cement complete as per standard design :ucting masonry Chamber 30x30x50 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12mm thick, finished with a floating coat of neat cement complete as per standard	8	Nos					
7.00	Providing and fixing Polyethelene-Aluminium-Polyethelene PE-AL-PE Composite Pressure Pipes conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etc., with clamps at 1.00 metre spacing. This includes testing of joints complete as per direction of the Engineer in charge.							
	INTERNAL WORK - EXPOSED ON WALL							
7.10	1216 (16 mm OD) pipe	10	Rmt				Per running Metre	
7.20	1620 (20 mm OD) pipe	20	Rmt				Per running Metre	
8.00	Providing and fixing Polyethelene-Aluminium-Polyethelene PE-AL-PE Composite Pressure Pipes conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etc., with clamps at 1.00 metre spacing. This includes the costs of cutting chases and including testing of joints complete as per direction of the engineer in charge.							

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	Concealed work, including cutting chases and making good the wall etc.								
8.1	1216 (16 mm OD) pipe	10	Rmt					Per running Metre	
8.2	1620 (20 mm OD) pipe	60	Rmt					Per running Metre	
9.0	Providing and fixing Polyethylene-Aluminium- Polyethelene PE-AL-PE Composite Pressure Pipes conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etc., with trenching, refilling and testing of joints complete as per direction of the engineer in charge.								
	External work								
9.1	1216 (16 mm OD) pipe	10	Rmt					Per running Metre	
9.2	1620 (20 mm OD) pipe	30	Rmt					Per running Metre	
10	Providing and fixing pipes on wall face PVC Finolex type-B spigot,socket, waste and ventilating pipes of working pressure not less than 4.5 kg/sqm including collar and filling the joints with approved adhesive complete including carriage of materials within all leads and lifts:-								
10.1	150 mm dia	90	Rmt					Per running Metre	
10.20	110 mm dia	50	Rmt					Per running Metre	
11.00	Providing and fixing PVC single equal branch with oval access door, ISI marked insertion rubber washer 3 mm thick bolts and nuts complete including fixing with approved adhesive etc. complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.								
11.10	150 mm dia	10.00	Nos					Each	
11.20	110 mm dia	10.00	Nos					Each	

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12.00	Providing and fixing PVC door bend with oval access door, insertion rubber washer 3 mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.								
12.10	150 mm dia	5.00	Nos					Each	
12.20	110 mm dia	10.00	Nos					Each	
13.00	Providing and fixing PVC single equal branch plain ISI marked including fixing with approved adhesive etc. complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.								
13.10	150 mm dia	5.00	Nos					Each	
13.20	110 mm dia	5.00	Nos					Each	
14.00	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.								
14.10	150 mm dia	12.00	Nos					Each	
14.20	110 mm dia	15.00	Nos					Each	
15.00	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.								
15.10	150 mm dia	10.00	Nos					Each	
15.20	110 mm dia	10.00	Nos					Each	
16.00	Providing and fixing PVC offset 45 degree ISI marked including fixing with approved adhesive etc. complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.								
16.10	150 mm dia	5.00	Nos					Each	
16.20	110 mm dia	5.00	Nos					Each	

5/11

17.00	Providing and fixing PVC double equal branch with oval access door, insertion rubber washer 3 mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in- Charge.								
17.10	150 mm dia	5.00	Nos						
17.20	110 mm dia	5.00	Nos						
18.00	Providing and fixing PVC plain double equal branch ISI marked including fixing with approved adhesive etc. complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in- Charge.								
18.10	150 mm dia	5.00	Nos					Each	
18.20	110 mm dia	5.00	Nos					Each	
19.00	Providing and fixing PVC clamps ISI marked of approved design with steel screws and rawal plugs etc. complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in- Charge.								
19.10	150 mm dia	25.00	Nos					Each	
19.20	110 mm dia	20.00	Nos					Each	
20.00	Providing and fixing PVC floor traps 110 mm x 90 mm ISI marked of self cleaning design including fixing with approved adhesive, i/c cost of cutting and making good the wall and floors etc. complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in- Charge.	10.00	Nos					Each	
21.00	Providing and fixing PVC 'P' or 'S' trap for water closet (squatting pan) ISI marked including jointing the trap with the pan and PVC pipe with approved adhesive etc. complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in- Charge.								
21.10	110 mm dia	3.00	Nos					Each	

6/11

22.00	Providing and fixing PVC cowl complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in- Charge.								
22.10	110 mm dia.	3.00	Nos					Each	
23.00	Providing and fixing vitreous China water closet squatting pan (Indian Type W.C. pan) size 580mm (Earth work, bed concrete, foot rest and traps to be measured and paid for separately complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in- Charge .								
23.10	Orrissa pattern long pattern as per Hindware, CERA or Equivalent	5.00	Nos					Each	
24.00	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 (1 cement : 1 sand) seat and coveto be paid for separately. complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in- Charge.								
24.10	Anglo Indian Universal closet of Hindware, CERA or Equivalent	2.00	Nos					Each	
25.00	Providing and fixing vitreous china ISI marked flat back or corner type lipped front urinal Basin 580x380x350 mm sizes respectively with automatic flushing cistern with fitting Rs & CI brackets standred size galvanised steel flush pipe and spreaders with brass union and GI clamps complete including Painting of cistern and fitting, cutting, and making good the walls floors whererequired (a) one urinal basin with 5.00 litre automatic flushing cistern of CERA/Hindware or its equivalent including carriage of material with in all leads and lifts as per direction of engineer in charge.	5.00	Nos					Each	
26.00	Providing and fixing vitreous china division plate for urinal with fitting 600x300 mm CERA/Hindware or its equivalent including carriage of material with in all leads and lifts as per direction of engineer in charge.	3.00	Nos					Each	

27.00	Providing and fixing 10.00 ltr.capacity PVC low level dual flushing cistern CERA catalogue No. 2603 or equivalent with a pair of brackets with fittings such as lead valve, less syphon, 15mm nominal size PVC ball valve with polythene float, PVC handle, union and coupling for connection with inlet, outlet and overflow pipes 40 mm dia PVC flush bend with cistern and closet & over flow pipe to be paid for separately) complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.	7.00	Nos			Each	
28.00	Providing and fixing G.I. inlet connection for flush pipe with G.I pan complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge	5.00	Nos			Each	
29.00	Providing and fixing (Solid/Hollow type) white plastic seat and cover for wash down water closet with C.P. brass hinges and rubber buffers complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.	2.00	Nos				
30.00	Providing and fixing vitreous flat back China wash basin 550 X 400 mm of Cera Cat No.1025 or equivalent with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fitting complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.	8.00	Nos.				
31.00	Providing and fixing vitreous China pedestal of Hindware for wash basin complete recessed at the back for reception pipe and fittings complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.	8.00	Nos.			Each	
32.00	Providing and fixing 32 mm dia C.P. brass waste (heavy duty ISI marked IS:8931 & 8934) for wash basin or sink. complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge	8.00	Nos			Each	

8/11

33.00	Providing & fixing 100 mm dia C.P. grating for floor or nahani / gully / floor trap complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge	15.00	Nos				Each	
34.00	Providing & fixing 600mm x 450mm (six hundred millimetre into for hundred fifty millimetre) bevelled edge mirror of superior glass mounted on 6mm (six millimeter) thick A.C. sheet or plywood sheet & fixed to wooden plugs with C.P.brass screws & washers as per HP.PWD., specification Volume-I (one) including carriage of all labour equipment & materials to various location through all leads, lifts & other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	8.00	Nos				Each	
35.00	Providing and fixing 600 X 20 mm C.P. brass towel rail (heavy duty ISI marked IS:8931 & 8934) complete with C.P. brass brackets fixed to wooden plugs with C.P. brass screws . complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in- Charge.	8.00	Nos					
36.00	Providing and fixing 600mmx120 mm glass shelf with C .P brass and guard rail complete, fixed to wooden plugs with C. P brass screw complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge	8.00	Nos					
37.00	Providing and fixing C.P. brass toilet paper holder complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in- Charge.	2.00	Nos				Each	
38.00	Providing and fixing liquid soap glass container with C.P. brass lid and racks fixed to wooden plugs with C.P. brass screws complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in- Charge:-	1.00	Nos				Each	

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39.00	Providing and fixing chromium plated brass soap dish with C.P. brass brackets fixed to wooden cleats with C.P. brass screws complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge :-	15.00	Nos				Each	
40.00	Providing and fixing CP brass bib tap (heavy duty ISI marked IS:8931 & 8934) 15mm dia of with capstan head complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.	25.00	Nos				Each	
41.00	Providing and fixing CP brass pillar tap 15mm dia of with capstan head (heavy duty ISI marked IS:8931 & 8934). complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge	15.00	Nos				Each	
42.00	Providing and fixing CP brass stop cock 15mm dia of with capstan head (heavy duty ISI marked IS:8931 & 8934). complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge	15.00	Nos				Each	
43.00	Providing and fixing C.P. brass angle valve 15mm dia (heavy duty ISI marked IS:8931 & 8934) complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge	15.00	Nos				Each	
44.00	Providing and fixing 45cms long PVC connection pipe 15mm nominal bore (heavy duty ISI marked IS:8931 & 8934) with brass union complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.	13.00	Nos				Each	
45.00	Providing and fixing brass full way valve with wheel complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.							
45.01	15mm nominal bore.	10.00	Nos				Each	
45.02	20mm nominal bore.	10.00	Nos				Each	

19/11

46.00	Providing and fixing 32 mm dia PVC waste pipe (60cm long) for wash basin and sinks as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.	10.00	Nos.			Each	
47.00	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design :						
47.01	Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	1	Nos.			Each	
48.00	Providing and fixing precast RCC cover with frame for 455 mmx610mm internal dimensions of man hole complete including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.	10.00	Nos.			Each	
49.00	Providing and installing Mono Block Electric pump 2 HP single phase of Kirloskar make or equivalent including fixing complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.	1.00	Nos.			Each	
50.00	Cutting holes upto 30x30 cm through existing brick work including making good the same in cement mortar 1:6 (1 cement: 6 sand) upto and including 400 sq.cm in area as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.	10.00	Nos.			Each	

51.00	Cutting holes upto 15 cm x 15 cm in R.C.C beams / floors and roofs for passing drain pipe etc. and repairing the holes after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size) including finishing complete so as to make it leak proof as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.	10.00	Nos.				Each	
52.00	Supplying and fixing precast RCC cover with frame for gully trap 300 mm X 300 mm complete as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.	5.00	Nos				Each	
53.00	Providing and laying cement concrete 1:5:10 (1 cement : 5 Sand: 10) graded stone aggregate 40mm nominal size) and curing complete excluding the cost of form work: Foundation and plinth.	10.459	Cum				Per Cum	
54.00	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.	2	Nos				Each	
55.00	Providing and fixing grab bars in handicapped toilet of CP 40 mm dia steel pipes 78 cm height welded with MS plate as per detail and position of WC seat and embedded in cement concrete complete.	13	Nos				Each	
							Total Rs.	

Executive Engineer,
Shimla Rural Division,
HP, W.D., Dharmi. *[Signature]*

Job No-29

Schedule Of Quantity								Estimated Cost:- 4,81,145.00	
Name Of Work :- R/R damages on Kanda Ladvi Kunihar road km. 0/00 to 9/150 (SH:- C/O R/wall between Km. 6/020 to 6/035)								Earnest Money:- 9700.00	
								Time:- One Months.	
S.No	Description of Work	No. of Qty.		Rate		Unit	Amount		
				In figures	In words				
1	2	3	4	5	6	7	8		
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.as per the direction of Engineer-In-Charge	29.1	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 in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.as per the direction of Engineer-In-Charge.(For Structure as per drawing)	52.8	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 :- (1:5:10) (One cement : five sand : Ten Graded stone aggregate 40mm nominal size) and curing complete including the carriage of materials in all leads lifts as per the direction of Engineer-In-Charge.	125.85	Cum			Per cubic metre			
4	Back filling behind abutment, wing wall and return wall and retaining wall with granular material complete as per drawings and MORD technical specification Clause 1204.3.8 (One thousand Two Hundred Four point Three Point Eight) including carriage of materials with in all leads and lifts as per direction of the Engineer-In-Charge.	20.70	Cum			Per cubic metre			
5	Providing and laying 100mm dia metre PVC pipe for wheep holes complete of approved quality Including carriage of material within all leads and lifts.	45.60	Rmt.			Per Running Metre			
			Total Rs.						

Executive Engineer
Shirala Rural Divy
HFOAD Dharmt Sam

Job No-30.

Schedule Of Quantity									
Name Of Work :- A/R & M/O Tara Devi Temple at Tara Devi Shimla (HP) (SH:- Providing proposed Additional wooden post in prayer hall, Carving & Polishing etc)									
Estimated Cost:- 3,98,906.00									
Earnest Money:- 8000.00									
Time:- One Months.									
S.No	Description of Work	No.of Qty.		Rate		Unit		Amount	
				In figures	In words				
1	2	3	4	5	6	7	8		
1	Providing wood work in frames of door windows, clearstory windows and other frames, wrought/ framed and fixed in position.carriage of materials within all leads and lifts and as per the direction of Engineer-In- Charge. 2nd class teak wood.	0.5	Cum			Per cubic metre			
2	Ornamental work on wood work (Carving) i/e labour of door window, clearstorey window and other frames work carriage of materials within all leads and lifts and as per the direction of Engineer-In- Charge. 2nd class teak wood in all kinds of wood complete.	16.00	Sqm			Per Square Metre			
3	Polishing by applying one coat of remmers Aidol HK- Stain @ 0.81 lit per 10 sqm, Remmer wood cream @ 1.923 ltrs. Per 10 sqm and protective liquid wood preservative stain two coats of Remmers L.T. Stain UV two coats water based glossy transparent clear fixation layer and sealant for indoor and outdoor areas complete including sand papering and preparation of surface as per manufactures specifications and direction of Engineer - in Charge.	16.00	Sqm			Per Square Metre			
Total Rs.									

Executive Engineer,
Shimla Rural Division,
HP, P.O.D, Dharmi. *[Signature]*

Job No-31.

Schedule Of Quantity							Estimated Cost:- 1,66,325.00
Name Of Work :- Special repair to Judicial court complex at chakkar Shimla (SH:- Providing and fixing 0.60 mm thick, painting, prepainted steel sheet in inner side of R.C.C. Gutter. With gate No.1- 1st floor Frount side Block (A)							Earnest Money:- 3300.00
							Time:- One Months.
S.No	Description of Work	No.of Qty.	Rate In figures	In words	Unit	Amount	
1	2	3	4	5	6	7	8
1	Distemping with 1st quality acrylic distemper, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour.	115.6	Sqm			Per cubic metre	
2	Providing and fixing ridges or hips 60 cm overall with 0.60mm thick prepainted steel sheets in roofing with hot dipped metallic zinc coated sheets with top coat of regular modified polyster organic coating of 20 microns over 5 microns primer coating + back coat of polyster of 5 microns over 5 microns primer coating i/c fixing with prepainted iron J or L hooks, bolts & nuts 6mm dia & prepainted G.I. limpet and bitumen washers complete with all accessories as required as per the direction of Engineer in Charge	115.60	Sqm			Per cubic metre	
Total Rs.							

Executive Engineer,
Shimla Rural Division,
HP, PWD, Dharni.

Job No-32.

Schedule Of Quantity							Estimated Cost:- 1,66,325.00
Name Of Work :- Special repair to Judicial court complex at chakkar Shimla (SH:- Providing and fixing 0.60 mm thick, painting, prepainted steel sheet in inner side of R.C.C. Gutter. With gate No.1- 1st floor Frount side Block (B)							Earnest Money:- 3300.00
							Time:- One Months.
S.No	Description of Work	No. of Qty.		Rate	Unit		Amount
				In figures	In words		
1	2	3	4	5	6	7	8
1	Distemping with 1st quality acrylic distemper, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour.	115.6	Sqm			Per cubic metre	
2	Providing and fixing ridges or hips 60 cm overall with 0.60mm thick prepainted steel sheets in roofing with hot dipped metallic zinc coated sheets with top coat of regular modified polyester organic coating of 20 microns over 5 microns primer coating + back coat of polyester of 5 microns over 5 microns primer coating i/c fixing with prepainted iron J or L hooks, bolts & nuts 6mm dia & prepainted G.I. limpet and bitumen washers complete with all accessories as required as per the direction of Engineer in Charge	115.60	Sqm			Per cubic metre	
Total Rs.							

Executive Engineer,
Shimla Rural Division,
HP RD, Dhamsi.

Job No-33,

1/2

Schedule Of Quantity							Estimated Cost:- 4,95,197
Name of Work :-Construction of Ambulance road from Tara Devi to Duggal Cottage km. 0/00 to 1/200 (SH:- Providing and laying G-I, For Correction, G-III, and M/T work in km 0/500 to 0/780)							Earnest Money:- 10000.00
							Time:- One Months.
S.No	Description of Work	No.of Qty.		Rate In figures	In words	Unit	Amount
1	2	3	4	5	6	7	8
1	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, stone screening/binding materials to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 1 as per Technical Specification Clause 404.By Mechanical Means	23.93	Cum			Per cubic metre	
2	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bond 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-III as per technical specification clause 405.using stone aggregate 53mm to 22.40mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	59.81	Cum			Per cubic metre	
3	Providing and applying primer coat with bitumen emulsion (SS-I) on prepared surface of granular base including cleaning the road surface with hydraulic broom and spraying primer at the rate 1.05 kg (one point zero five kilogramme) per square metre using mechanical means as per Technical Specifications Clause 502 including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	797.50	Sqm			Per Square Metre	

2/2

4	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.275 kg (zero point two seven five kilogramme) per square metre on the prepared bituminous surface and cleaned with Hydraulic broom as per Technical Specification Clause 503 by mechanical means including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	797.50	Sqm		Per Square Metre	
5	Providing, laying and rolling of open graded premix carpet of 20mm thickness composed of 13.2mm to 5.6mm (thirteen point two millimeters to Five point six millimeters) course stone aggregate at the rate 0.27 cum (Zero point two seven) Cubic meter mixed with 14.6kg (fourteen point six kilogram per 10 sqm (Ten sqm bitumen either using penetration grade bitumen VG-10 to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a three wheel 80/100 static roller capacity finished to required level and grades to be followed by seal coat of type B as per technical specification clause 508 by manual means. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	797.50	Sqm		Per Square Metre	0
6	Providing, and laying seal coat sealing the voids in a bituminous surface laid to the specified levels, grade and cross fall using type B using bitumen VG-10 at the rate of 6.8 kg per 10 sqm as per. technical specification clause 510 by manual means. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	797.50	Sqm		Per Square Metre	
		Total Rs.				

Executive Engineer,
Shimla Rural Division,
HP, PWD, Dhamsi.

Job No-34.

SCHEDULE OF QUANTITY

Name of Work: - Construction of Banuti to Dhayla Road Km. 0/00 to 1/00 (SH: Construction of RWall at Rd. 0/980 to 0/995)				Estimated Cost: - Rs 481145 /- only Earnest Money: - Rs. 10000 /-only Time: - One Month		
S. No.	Sub head and items of work	Qty.	Rate	Unit		Amount
				figures	In 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 1.5 m and a lead upto 20 m as per drawing and Technical Specification Clause 1603.1 and other deleterious materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in-Charge.	29.10 Cum			Per cubic metre	
2	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom and backfilling in trenches with excavated suitable material as per MORD specification directed by Engineer-in-Charge.	52.80 Cum			Per cubic metre	
3	Providing and Laying cement concrete for plain / reinforced conc. In open foundation complete as per drawing and technical specification clause-802, 803, 1202 & 1203 in Cement Concrete 1:5:10 (1 Cement : 5 sand : 10 graded stone Aggregate 40 mm nominal mix). Including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge.	125.85 Cum			Per cubic metre	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8, (I) Granular material, Including carriage of material within all leads upto leads as per the direction of Engineer-in-Charge.	20.70 Cum			Per cubic metre	
5	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100 mm 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 . Including carriage of material upto all leads and lifts as per the direction of Engineer -in-Charge.	45.60 Rmt.			Per Running Metre	
0					Total:	

Note : (i) All the material will procured by the contractor him self.

Executive Engineer
Shimla/Rural Division
H.P.W.D. Dharm

Job No-35.

1/2

Draft SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
Draft Shedule of Quantity						
Sr.No.	Name of work:-A/R & M/O to Galog Nehra Okhroo road KM 0/0 to 12/00(SH:-C/O R/wall at RDs 5/735 to 5/740).				Estimated Cost:	495266.00
					Earnest Money:	10000.00
					Time limit :-	Two Month.
1	Excavation in soil in Hilly Area by mechanical means including cutting and trimming of side slopes and disposing of excavated earth with in all lead and lift as per Technical Specification Clause 1603.1(one six zero three point one) and MORD specification including carriage of all labour equipment and materials to various location of site through all modes of transportations in all lead, lift and all incidental charges. all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosions, damage to hill side, water pollutions etc., and to protect stability of hill side rock work shall be executed with chiseling, wedging out rock, where blasting is prohibited). All earth work in excavation including rock excavation shall be carried out true to lines, grades, side slopes, width, camber super elevations and levels as shown on the drawing or as directed by the Engineer-in- Charge. Stacking of materials useful for construction at suitable sites and safe disposal of unserviceable cut materials in specified manners, trimming, filling of unevenness blindages and finishing of the road to specified dimensions as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with	49.590	m3	Per Cubic metre		
2	Earthwork in excavation for all type of road structures such as retaining wall, breast wall, culvert, drain and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock chiesling / wedging out rocks (where blasting is prohibited). Dimesions and other particulars as per drawing and Technical Specification Clause 305.1(Three hundred Five point One) including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and its disposal including dressing of sides and bottom and backfilling in trenches with excavated suitable material, trimming, filling of unevenness blindages and finishing of the road to specified dimensions. All work of excavation by blasting shall be carried out by taking all necessary precautions against soil erosions, damage to hill side, water pollutions etc., and to protect stability of hill side rock. Stacking of materials useful for construction at suitable sites and safe disposal of unserviceable excavated materials in specified manners to dumping site (to be arranged by the contractor) or as directed by the Engineer-in-Charge. Any loss to the public or private property during the course of execution shall be the sole responsibility of the	34.200	m3	Per Cubic Meter		
3	Providing and Laying cement concrete 1:5:10 (one cement isto five sand isto ten graded stone aggregate 40mm) and mechanical mixed, vibrated and curing complete including the cost of farmwork for plain concrete in retaining walls, breast walls, the size of plum should be 150 to 300 mm as per drawing and HP.PWD technical / MORD specifications 800 & 1200 (eight zero zero & one two zero zero) & as directed by the Engineer-in-Charge including carriage of materials with in all leads and lifts and other incidentals.	142.350	m3	Per Cubic Meter		
4	Backfilling of Granular material behind abutment, wing wall and return wall, breast walls, retaining walls and parapets up to all heights, depths and levels complete as per drawings and MORD technical specification clause 1204.3.8 (one thousand two hundred four point three point eight) , including carriage of all labour equipment and materials to various location of site through all modes of transportations in all leads lifts and all incidental charges.	13.68	m3	Per Cubic Meter		

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Draft SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
5	Providing weep holes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia PVC pipe extending through the full width of the structure with slope of 1:20 (One verticle isto twenty horizontal) towards drawing face complete as per drawing and MORD technical specification clause 614, 709, 1204.3.7(six hundred fourteen, seven hundred nine, one thousand two hundred four point three point seven) or as directed by the Engineer-in-Charge including carriage of materials with in all leads and lifts and other incidentals.	70.00	met Per Meter			

Executive Engineer
Shimla Rural Division
HPPWD, Dharni

Job No-36.

Schedule Of Quantity							Estimated Cost:- 4,99,517.00
Name Of Work :- R/R damages on Galog Nehra Okhroo road km. 0/00 to 12/00 (SH:- C/O B/wall in PCC 1:5: 10 at Rd. 5/565 to 5/617)							Earnest Money:- 10000.00
							Time:- One Months.
S.No	Description of Work	No. of Qty.		Rate		Unit	Amount
				In figures	In words		
1	2	3	4	5	6	7	8
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. as per the direction of Engineer-In-Charge.	52	Cum			Per cubic metre	
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. as per the direction of Engineer-In-Charge.	36.92	Cum			Per cubic metre	
3	Providing and laying cement concrete 1:5:10 (one cement is to five sand is to Ten graded stone aggregate 40mm forty millimetre nominal size) and curing complete excluding cost of form work in foundation and plinth with piddlite or Dr fixit water proofing treatment as per the direction of the Engineer-in-Charge but including carriage of materials up to all leads and lifts	135.20	Cum			Per cubic metre	
4	Providing and laying 100mm dia metre PVC pipe for wheep holes complete of approved quality Including carriage of material within all leads and lifts.	68.00	Rmt.			Per Running Meter	
Total:-							

Executive Engineer,
Shimla Rural Division,
HP, ~~ROD~~ D, Dharmi.

Job No- 37.

Draft SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figure	Words	
					Estimated Cost	387500.00
					Earnest Money	7800.00
					Time: -	Fifteen days.

Job No.

Name of work: - C/O Gharog Nalta road KM 0/00 to 7/00 (SH :- Providing and laying of hot applied thermoplastic Center Line, Edge Line & Zebra Crossing 2.50 mm thick in KM 3/900 to 7/00

1	Providing and laying of hot applied thermoplastic compound 2.5 mm (two point five millimeters) thick, 0.10 (Zero point one zero) meters strip for center line and 0.15 (Zero point one five) meter wide strip for Edge line and 0.30 (zero point three zero) meter wide and 3.00 (three) meter long Zebra crossing including reflectorising glass beads @ 250 gms (two fifty grammes) per square meter area, thickness of 2.5 mm (two point five millimeters) is exclusive of surface applied glass beads as per IRC:35 (thirty five) in accordance with Ministry of Road Transport Specification (Latest revision) and IRC Code. The finished surface to be level, uniform and free from streaks and holes including carriage of all labour, equipments and materials to various location through all modes of transportation in all leads lifts and all incidental charges	620.00 m2	Per Square Meter			
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Executive Engineer

Shimla Rural Division

HPWD, Dharmi

Job No-38.

1/2

Draft SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figure	Words	
Draft Shedule of Quantity						
Sr.No.	Name of work:-R.R.Damages on Neri Sangti- road KM 0/00 to 6/465(SH:-C/O R/wall in KM 1/940 to 1/950).	Estimated C				202619.00
		Earnest Mon				4100.00
		Time limit :-				Two Month.
1	Excavation in soil in Hilly Area by mechanical means including cutting and trimming of side slopes and disposing of excavated earth with in all lead and lift as per Technical Specification Clause 1603.1(one six zero three point one) and MORD specification including carriage of all labour equipment and materials to various location of site through all modes of transportations in all lead, lift and all incidental charges. all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosions, damage to hill side, water pollutions etc., and to protect stability of hill side rock work shall be executed with chiseling, wedging out rock, where blasting is prohibited). All earth work in excavation including rock excavation shall be carried out true to lines, grades, side slopes, width, camber super elevations and levels as shown on the drawing or as directed by the Engineer-in- Charge. Stacking of materials useful for construction at suitable sites and safe disposal of unserviceable cut materials in specified manners, trimming, filling of unevenness blindages and finishing of the road to specified dimensions as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with	9.000	m ³	Per Cubic metre		
2	Earthwork in excavation for all type of road structures such as retaining wall, breast wall, culvert, drain and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock chiesling / wedging out rocks (where blasting is prohibited). Dimesions and other particulars as per drawing and Technical Specification Clause 305.1(Three hundred Five point One) including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and its disposal including dressing of sides and bottom and backfilling in trenches with excavated suitable material, trimming, filling of unevenness blindages and finishing of the road to specified dimensions. All work of excavation by blasting shall be carried out by taking all necessary precautions against soil erosions, damage to hill side, water pollutions etc., and to protect stability of hill side rock. Stacking of materials useful for construction at suitable sites and safe disposal of unserviceable excavated materials in specified manners to dumping site (to be arranged by the contractor) or as directed by the Engineer-in-Charge. Any loss to the public or private property during the course of execution shall be the sole responsibility of the	22.700	m ³	Per Cubic Met er		
3	Providing and Laying cement concrete 1:5:10 (one cement isto five sand isto ten graded stone aggregate 40mm) and mechanical mixed, vibrated and curing complete including the cost of farmwork for plain concrete in retaining walls, breast walls, the size of plum should be 150 to 300 mm as per drawing and HP.PWD technical / MORD specifications 800 & 1200 (eight zero zero & one two zero zero) & as directed by the Engineer-in-Charge including carriage of materials with in all leads and lifts and other	56.700	m ³	Per Cubic Met		

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Draft SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figure	Words	
4	Backfilling of Granular material behind abutment, wing wall and return wall, breast walls, retaining walls and parapets up to all heights, depths and levels complete as per drawings and MORD technical specification clause 1204.3.8 (one thousand two hundred four point three point eight), including carriage of all labour equipment and materials to various location of site through all modes of transportations in all	11.40 m3	Per Cubic Met			
5	Providing weep holes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia PVC pipe extending through the full width of the structure with slope of 1:20 (One verticle isto twenty horizontal) towards drawing face complete as per drawing and MORD technical specification clause 614, 709, 1204.3.7(six hundred fourteen, seven	29.20 met	Per Met er			

Executive Engineer
 Shimla Rural Division
 HPPW, Dhami

Job No-39.

1/2

Schedule Of Quantity							Estimated Cost:- 2,10,390.00
Name Of Work :- Special repair to Judicial court complex at Chakkar Shimla (SH:-							Earnest Money:- 4300.00
C/O Chowkidar Room)							Time:- One Months.
S.No	Description of Work	No.of Qty.		Rate	In words	Unit	Amount
				In figures			
1	2	3	4	5	6	7	8
1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:including carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.	10.30	Cum			Per cubic metre	
2	Providing wood work in frames of doors,windows,clerestory,windows and other frames wrought,framed and fixed in position including carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.	0.15	Cum			Per cubic metre	
3	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 upto all leads and lifts and as per the direction of Engineer-in-Charge.	7.10	Sqm			Per cubic metre	
4	15mm (fifteen milimetres) thick cement plasters in single coat on rough /fair side of brick/concrete/stone walls for interior/exterior plastering upto all floor level including arises, internal rounded angles, chamfers and or rounded angles not exceeding 80mm (Eighty milimetres) in girth and finished even and smooth with cement mortar 1:6 (one cement: six sand) including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge. (i) Cement mortar 1:6 (one cement is to six sand) including carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.	96.60	Sqm			Per cubic metre	
5	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 upto all leads and lifts and as per the direction of Engineer-in-Charge.	12.00	Sqm			Per cubic metre	

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6	Providing form work with steel plates (3.15mm) three point fifteen millimetre thick welded with angle iron in frame (30x30x5mm) (Thirty x thirty x 5 millimetre) so as to give a fair finish including centering, shuttering, strutting and propping etc., with wooden battens and ballies/steel props, height of propping and centering below supporting floor up to all floor and removal of the same for insitu-reinforced concrete and plain concrete work including carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge. Suspended floors, roofs,	0.68	Sqm			Per cubic metre	
7	Providing and laying cement concrete work 1:1½:3 (1 cement : 1½ sand : 3 graded stone aggregate 20 mm nominal size) mechanically mixed and vibrated for compacting concrete and curing complete excluding cost of form work and reinforcement for reinforce cement concrete including carriage of materials in all leads and lifts.	0.07	Cum			Per cubic metre	
8	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 upto all leads and lifts and as per the direction of Engineer-in-Charge.	20.00	Kg			Per cubic metre	
9	P/F Mirror polished Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete. including carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.	0.68	Sqm			Per cubic metre	
10	Providing 40x3 mm flat iron hold fast 40cm. Long including fixing to frame with 10mm diameter bolts & nuts and wooden plugs and embedding in cement concrete block 30x10x15cm. 1:3:6 (1 cement : 3 sand: 6 graded stone aggregate 20mm nominal size) including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge.	8.00	No			Per cubic metre	

11	Providing and fixing anodized aluminium sliding door bolt anodized colour and shade with bolts and nuts screws etc., complete: including carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge. a) 250X16 mm,	3.00	No				Per cubic metre	
12	Providing and fixing anodized aluminium tower bolt (barrel type) anodized transparent or dyed to required shade and colour with screws etc., complete including carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge. (ii) 150 x10mm (One Hundred Fifty into Ten millimetre)	6.00	No				Per cubic metre	
13	Providing and fixing aluminium handles anodized transparent or dyed to required colour of shade with necessary screws etc complete including carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge. (ii) 100 mm.(One Hundred millimetre) including carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.	9.00	No				Per cubic metre	
14	Providing and fixing to wall ceiling and floor galvanised mild steel tubes(medium grade) tube fitting and clamps including making good the wall, ceiling and floor 15 mm dia. including carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.	25.50	Rmt.				Per cubic metre	
15	Making connection of galvanised steel distribution branch with galvanised mild steel main 20 mm to 40mm nominal bore by providing and fixing tee including cutting and threading the pipes complete. including carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.	1.00	No				Per cubic metre	
16	P/L vitreous china water closet squatting pan (Indian type W.C pan) Size 580mm earth work bed concrete. Foot rest and trap to be measured and paid for separately including carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.	1.00	No				Per cubic metre	
17	Providing and fixing PVC 'P' or 'S' trap for water closet (squatting pan) ISI marked including jointing the trap with the pan and PVC pipe with approved adhesive etc. complete including carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.	1.00	No				Per cubic metre	

4/7

18	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge. iv) 75 mm dia.	2.00	No				Per cubic metre	
19	Providing and fixing CP. Brass waste for wash basin or sink (a) 32 mm nominal size.	2.00	No				Per cubic metre	
20	Providing and fixing 100 mm sand CP grating for gully trap including carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.	2.00	No				Per cubic metre	
21	Providing and fixing 650 mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or ply wood sheet and fixed to wooden plugs with C.P Brass screws and washer. including carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.	1.00	No				Per cubic metre	
22	Providing and fixing C.P. brass towel rail (heavy duty ISI marked IS:8931 & 8934) complete with C.P. brass brackets fixed to wooden plugs with C.P. brass screws including carriage of materials within all leads and lifts :-	1.00	No				Per cubic metre	
23	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 upto all leads and lifts and as per the direction of Engineer-in-Charge.	1.00	No				Per cubic metre	
24	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 including carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.	2.00	No				Per cubic metre	
25	Providing and fixing Brass Stop Cocke. 15 mm dia. including carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.	2.00	No				Per cubic metre	

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26	Providing and fixing PTMT White high density polyethylene / polypropylene 10 litres capacity (With Dual Flushing Cistern) Item No 502 (Of 10 Lts. Capacity ISI Marked No 7231 of CERA/ Hindware or Its Equivalent European standard control low level flushing cistern with fittings with a pair of brackets with fittings such as lead valve, syphon, 15 mm nominal size PVC ball valve with polythene float, with push button, couplings for connections with inlet, outlet and over flow pipe, 40mm dia C.P. flush bend including cutting holes in walls and providing and fixing 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 upto all leads and lifts and as per the direction of Engineer-in-Charge.	2.00	No				Per cubic metre	
27	Providing and fixing stainless steel kitchen sink of approved standard ISI make with drain board and C.P. waste with C.I. or M.S. Brackets painted white including cutting holes and making good the same but excluding fitting. size i) 610 x 510 mm with bowl depth 200 mm including entire carriage of materials in all leads and lifts as per the directions of Engineer-in-Charge.	1.00	No				Per cubic metre	
28	Providing and fixing Plythelene – Aluminium - Polyethylene (PE-AL-PE) composite pressure pipe U.V. stabilized with carbon black conforming to IS-15450-2004 water supply including clamp at one metre spacing, cutting, fixing and making good the wall etc. but excluding the cost of fittings (internal work) pipes exposed on wall. Internal work-Exposed on wall. i) 1216 (16 mm O.D. pipe) including carriage of material upto all leads and lifts as per the direction of Engineer-in-Charge.	1.00	No				Per cubic metre	
29	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete. 150 mm dia. including carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.	25.00	No				Per cubic metre	

6/7

30	Providing and fixing PVC door bend with oval access door, insertion rubber washer 3 mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. Complete including carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.	5.00	No				Per cubic metre	
31	Applying priming coat on new concrete/masonry/asbestos cement/plastered surfaces after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter and sand papering as required with :- Readymixed primer including carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.	2.00	Sqm				Per cubic metre	
32	Painting two coats(excluding priming coat) on new wood and wood based surfaces, with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter sand papering and stopping. (i) with enamel paint other than white including carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.	15.77	Sqm				Per cubic metre	
33	Painting two coats (excluding priming coat) on new concrete /masonry/plastered surfaces with enamel paint of approved brand and manufacture for use on floors to give an even shade, including cleaning of all dirt, dust and other foreign matter and sand papering as required including entire carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.	15.77	Sqm				Per cubic metre	
34	Applying priming coat on new concrete / plastered surfaces after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter and sand tapering as required with ready mixed primer including carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.	96.60	Sqm				Per cubic metre	

7/7

35	Distempering (two coats) with oil bound washable acrylic distemper of approved brand and manufacture of and of required shade of undecorated wall surfaces to give an even and including a priming coat with shade over Alkali-resistance primer of approved brand and manufacture after thoroughly brushing the surface free from mortar dropping and other foreign matter and also including preparing the surface even and sand papered smooth. Priming coat with distemper primer including carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.	96.60	Sqm			Per cubic metre	
Total Rs.							

Executive Engineer,
Shimla Rural Division,
HP, PWD, Dhamsi

Job No-40.

SCHEDULE OF QUANTITY

Name of Work: - Restoration of raindamages on Hiranagar Sharog Road Km. 0/00 to 5/00 (SH: Construction of R-Wall at Rd. 0/096.80 to 0/100.20)				Estimated Cost: - Rs 488183 /- only Earnest Money : - Rs. 10000 /-only Time: - One Month		
S. No.	Sub head and items of work	Qty.	figures	Rate		Amount
				In words	Unit	
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 1.5 m and a lead upto 20 m as per drawing and Technical Specification Clause 1603.1 and other deleterious materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in-Charge.	10.10	Cum		Per cubic metre	
2	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom and backfilling in trenches with excavated suitable material as per MORD specification directed by Engineer-in-Charge.	21.42	Cum		Per cubic metre	
3	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203, P.C.C grade M 10, (i) Nominal Mix 1:3:6, including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge. (20 mm)	21.42	Cum		Per cubic metre	
4	Providing and Laying cement concrete for plain / reinforced conc. In open foundation and plinth complete as per drawing and technical specification clause-802, 803, 1202 & 1203 for plain / reinforcement including carriage of materials as per the direction of Engineer-in-charge. Cement Concrete 1:4:8 nominal mix (1Cement : 4 sand : 8 graded crushed stones aggregate 40 mm nominal size)	75.89	Cum		Per cubic metre	
5	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8, (i) Granular material, Including carriage of material within all leads upto leads as per the direction of Engineer-in-Charge.	15.91	Cum		Per cubic metre	
6	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100 mm 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 . Including carriage of material upto all leads and lifts as per the direction of Engineer -in-Charge.	45.30	Rmt.		Per Running Metre	
0					Total:	

Note : (i) All the material will procured by the contractor him self.

Executive Engineer
Shikla Rural DM
H.P. Dhami

Job No - 41.

SCHEDULE OF QUANTITY

**Name of Work: - Restoration of raindamages on Hiranagar Sharog Road Km. 0/00 to 5/00 (SH: Construction of R-
Wall at Rd. 0/100.20 to 0/103.60)**

Estimated Cost: - Rs 488183 /- only
Earnest Money :- Rs. 10000 /-only
Time: - One Month

S. No.	Sub head and items of work	Qty.	Rate		Unit	Amount
			figures	In 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 1.5 m and a lead upto 20 m as per drawing and Technical Specification Clause 1603.1 and other deleterious materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in Charge.	10.10	Cum		Per cubic metre	
2	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom and backfilling in trenches with excavated suitable material as per MORD specification directed by Engineer-in-Charge.	21.42	Cum		Per cubic metre	
3	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203, P.C.C grade M 10, (i) Nominal Mix 1:3:6, including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge. (20 mm)	21.42	Cum		Per cubic metre	
4	Providing and Laying cement concrete for plain / reinforced conc. In open foundation and plinth complete as per drawing and technical specification clause-802, 803, 1202 & 1203 for plain / reinforcement including carriage of materials as per the direction of Engineer-in-charge. Cement Concrete 1:4:8 nominal mix (1Cement : 4 sand :8 graded crushed stones aggregate 40 mm nominal size)	75.89	Cum		Per cubic metre	
5	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8, (i) Granular material, Including carriage of material within all leads upto leads as per the direction of Engineer-in-Charge.	15.91	Cum		Per cubic metre	
6	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100 mm 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 . Including carriage of material upto all leads and lifts as per the direction of Engineer -in-Charge.	45.30	Rmt.		Per Running Metre	
0					Total	

Note : (i) All the material will procured by the contractor him self.

Escorting Engineer
Sulima Rural DM50
UPP & D Diam

Job No-42.

SCHEDULE OF QUANTITY

Name of Work: - Restoration of raindamages on Hiranagar Sharog Road Km. 0/00 to 5/00 (SH: Construction of R-Wall at Rd. 0/103.60 to 0/107.00)				Estimated Cost: - Rs 488183 /- only Earnest Money : - Rs. 10000 /-only Time: - One Month		
S. No.	Sub head and items of work	Qty.	figures	Rate		Amount
				In words	Unit	
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 1.5 m and a lead upto 20 m as per drawing and Technical Specification Clause 1603.1 and other deleterious materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in-Charge.	10.10 Cum			Per cubic metre	
2	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom and backfilling in trenches with excavated suitable material as per MORD specification directed by Engineer-in-Charge.	21.42 Cum			Per cubic metre	
3	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203, P.C.C grade M 10, (i) Nominal Mix 1:3:6, including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge. (20 mm)	21.42 Cum			Per cubic metre	
4	Providing and Laying cement concrete for plain / reinforced conc. In open foundation and plinth complete as per drawing and technical specification clause-802, 803, 1202 & 1203 for plain / reinforcement including carriage of materials as per the direction of Engineer-in-charge. Cement Concrete 1:4:8 nominal mix (1Cement : 4 sand :8 graded crushed stones aggregate 40 mm nominal size)	75.89 Cum			Per cubic metre	
5	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8, (i) Granular material, Including carriage of material within all leads upto leads as per the direction of Engineer-in-Charge.	15.91 Cum			Per cubic metre	
6	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100 mm 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 . Including carriage of material upto all leads and lifts as per the direction of Engineer -in-Charge.	45.30 Rmt.			Per Running Metre	
0					Total:	

Note : (i) All the material will procured by the contractor him self.

Executive Engineer
Shivalik Rural Division
H.P. Dhami

Job No-43,

Draft SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figure s	Words	
Sr.No.	Name of work:-R.R.Damages on Nehra Saltu Dargot road KM 0/00 to 5/350(SH):- Removal of slips at various RDs).			Estimated Cost: -		492048.00
				Earnest Money: -		9900.00
				Time Limit : -	Two months	
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut material with in all lift and lead as per technical specification 302.3.5 (three zero two point three point five) and 1611 (one six one one) and MORD Specification and as per direction of Engineer in Charge including carriage of all labour, equipment and material to various locations through all modes of transportation in all leads and lifts and all incidental charges.	5467.200	m ³ Per cubi c met er.			

Executive Engineer
Shimla Rural Division
H.D.D., Dhami

SCHEDULE OF QUANTITY

Note : (i) All the material will procured by the contractor him self.

Executive Engineer
S. M. K. R. Divis
H. P. W. D. Divis

Job No-415.

SCHEDULE OF QUANTITY

Name of Work :- Construction of Chambaghathi to Phagera Road km. 0/00 to 2/500 (Sh: Construction of 900 mm dia RCC Hume Pipe Culvert at RD 0/465)

Estimated Cost: - Rs 167657 /- only
Earnest Money : - Rs. 3000 /- only
Time: - One Month

S. No.	Sub head and items of work	Qty.	Rate		Unit	Amount
			figures	In 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 1.5 m and a lead upto 20 m as per drawing and Technical Specification Clause 1603.1 and other deleterious materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in Charge.	6.06			Per cubic metre	
2	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom and backfilling in trenches with excavated suitable material as per MORD specification directed by Engineer-in-Charge.	34.82			Per cubic metre	
3	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203, P.C.C grade M 10, (i) Nominal Mix 1:3:6, including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge.	13.22			Per cubic metre	
4	Providing and Laying cement concrete for plain / reinforced conc. In open foundation complete as per drawing and technical specification clause-802, 803, 1202 & 1203 in Cement Concrete 1:5:10 (1 Cement : 5 sand: 10 graded stone Aggregate 40 mm nominal mix). Including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge.	15.83			Per cubic metre	
5	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8, (i) Granular material, including carriage of material within all leads upto leads as per the direction of Engineer-in-Charge.	6.00			Per cubic metre	
6	Providing and laying reinforced cement concrete pipe NP2 as per design in single Row. Providing and laying reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection work, back filling, concrete and masonry work in head walls and parapets clause 1108. (c) 900 mm dia	7.50			Per Running Metre	
7	Providing and laying flooring laid over cement concrete bedding complete as per drawing and technical specification clause 1303. (i) Rubble stone laid in cement mortar 1:3 including carriage of material in all leads lifts as per the direction of Engineer-In-Charge.	0.49			Per cubic metre	
8	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100 mm 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 . Including carriage of material upto all leads and lifts as per the direction of Engineer -in-Charge.	18.00			Per Running Metre	
0					Total:	

Note : (i) All the material will procured by the contractor him self.

Executive Engineer
Shimla Rural District
HPPWD Division

Job No-46.

SCHEDULE OF QUANTITY

Name of Work :- Construction of Chambaghathi to Phagera Road km. 0/00 to 2/500 (Sh: Providing and laying Soling Grading G-I in km. 0/00 to 0/300)

Estimated Cost: - Rs 185303 /- only
Earnest Money: - Rs. 4000 /-only
Time: - One Month

S. No.	Sub head and items of work	Qty.	Rate		Unit	Amount
			figures	In words		
1	2	3	4	5	6	7
1	Preparation of sub grade by dressing to camber (Earth work) for the cutting involved for sub-grade to be paid for separately depending upon the classification of soil complete as per H.P.PWD. Specifications including carriage of materials in all leads and lift as per direction of Engineer-in-Charge.	1105.50			Per cubic metre	
2	Consolidation of sub-grade with power road roller including making the undulation etc. with earth or quarry soil etc. and re-rolling the sub-grade complete as per H.P.PWD specification including carriage of materials with in all leads and lift and as per the direction by the Engineer-in-charge	1105.50			Per cubic 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 three wheel 80-100 kN static roller 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 1 as per Technical Specification Clause 405. By Mechanical Means including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge.	110.55			Per cubic metre	
0					Total:	

Note : (i) All the material will procured by the contractor him self.

Executive Engineer
Shimla Rural District
H.P.P.W.D. Shimla

Job No-47.

SCHEDULE OF QUANTITY

Name of Work: - Restoration of Rain Damages on Devnagar Moolbari Road km. 0/00 to 1/00 (Sh: Providing and Fixing wire crate at RD. 0/040 to 0/055)				Estimated Cost: - Rs 480902 /- only Earnest Money: - Rs. 10000 /-only Time: - One Month		
S. No.	Sub head and items of work	Qty.	figures	Rate	Unit	Amount
				In words		
1	2	3	4	5	6	7
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom and backfilling in trenches with excavated suitable material as per MORD specification directed by Engineer-in-Charge.	21.60 Cum			Per cubic metre	
2	Providing and laying of boulder apron laid in wire crates with 4 mm (four millimeter) dia GI wire conforming to IS:280 (two hundred eighty) and IS:4826 (four thousand eight hundred twenty six) in 100 mm x 100 mm (one hundred into one hundred millimeter) mesh (woven diagonally) including 10 (ten) percent extra for laps and joints laid with stone boulders weighing not less than 25 kg (twenty five kilogramme) each as per drawing and technical specifications clause 1301, (one thousand three hundred one) including carriage of all labour equipment and material to various location through all modes of transportation in all leads lifts all incidental charge.	155.52 Cum			Per Square Metre	
0					Total:	

Note : (i) All the material will procured by the contractor him self.

CAUTION: EYE GLASSES
SHOULD BE WORN
HAND OPERATING

Job No-48.

SCHEDULE OF QUANTITY

Name of Work: - Construction of Solah Mile Sedan Road Km. 0/00 to 3/135 (SH: Construction of Hume RCC Hume Pipe Culvert 900 mm dia at various Rds. 0/200 and 0/400)

Estimated Cost: - Rs 481569 /- only
Earnest Money : - Rs. 10000 /-only
Time: - Two Month

S. No.		Sub head and items of work			Time: -		Two Month	
		Qty.	figures	Rate In words	Unit	Amount		
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 1.5 m and a lead upto 20 m as per drawing and Technical Specification Clause 1603.1 and other deleterious materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in Charge.	45.48	Cum		Per cubic metre			
2	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom and backfilling in trenches with excavated suitable material as per MORD specification directed by Engineer-in-Charge.	53.00	Cum		Per cubic metre			
3	Providing and Laying cement concrete for plain / reinforced conc. In open foundation complete as per drawing and technical specification clause-802, 803, 1202 & 1203 in Cement Concrete 1:5:10 (1 Cement : 5 sand: 10 graded stone Aggregate 40 mm nominal mix). Including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge.	83.66	Cum		Per cubic metre			
4	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203, P.C.C grade M 10, (i) Nominal Mix 1:3:6, including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge.	18.76	Cum		Per cubic metre			
5	Providing and laying flooring laid over cement concrete bedding complete as per drawig and technical specification clause 1303. (i) Rubble stone laid in cement mortar 1:3 including carriage of material in all leads lifts as per the direction of Engineer-In-Charge.	0.98	Cum		Per cubic metre			
6	Providing and laying reinforced cement concrete pipe NP2 as per design in single Row. Providing and laying reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection work, back filling, concrete and masonry work in head walls and parapets clause 1108. (c) 900 mm dia	15.00	Rmt.		Per Running Metre			
7	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8, (i) Granular material, Including carriage of material within all leads upto leads as per the direction of Engineer-in-Charge.	15.76	Cum		Per cubic metre			
8	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100 mm 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 . Including carriage of material upto all leads and lifts as per the direction of Engineer -in-Charge.	24.48	Rmt.		Per Running Metre			
0					Total:			

Note : (i) All the material will procured by the contractor him self.

Executive Engineer
Shimla Rural District
H.P.W.D. Chamba

Job No-49.

SCHEDULE OF QUANTITY

Name of Work: - Construction of Solah Mile Sedan Road Km. 0/00 to 3/135 (SH: Construction of Hume RCC Hume Pipe Culvert 900 mm dia at various Rds. 1/650 and at RD. 1/875)				Estimated Cost: - Rs 481569 /- only Earnest Money: - Rs. 10000 /- only Time: - Two Month		
S. No.	Sub head and items of work	Qty.	figures	Rate	Unit	Amount
				In 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 1.5 m and a lead upto 20 m as per drawing and Technical Specification Clause 1603.1 and other deleterious materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in-Charge.	45.48	Cum		Per cubic metre	
2	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom and backfilling in trenches with excavated suitable material as per MORD specification directed by Engineer-in-Charge.	53.00	Cum		Per cubic metre	
3	Providing and Laying cement concrete for plain / reinforced conc. In open foundation complete as per drawing and technical specification clause-802, 803, 1202 & 1203 in Cement Concrete 1:5:10 (1 Cement : 5 sand: 10 graded stone Aggregate 40 mm nominal mix). Including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge.	83.66	Cum		Per cubic metre	
4	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203, P.C.C grade M 10, (i) Nominal Mix 1:3:6, including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge.	18.76	Cum		Per cubic metre	
5	Providing and laying flooring laid over cement concrete bedding complete as per drawing and technical specification clause 1303. (i) Rubble stone laid in cement mortar 1:3 including carriage of material in all leads lifts as per the direction of Engineer-In-Charge.	0.98	Cum		Per cubic metre	
6	Providing and laying reinforced cement concrete pipe NP2 as per design in single Row. Providing and laying reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection work, back filling, concrete and masonry work in head walls and parapets clause 1108. (c) 900 mm dia	15.00	Rmt.		Per Running Metre	
7	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8, (i) Granular material, Including carriage of material within all leads upto leads as per the direction of Engineer-in-Charge.	15.76	Cum		Per cubic metre	
8	Providing weapholes in brick masonry / stone masonry / plain reinforced concrete abutment, wing wall, return wall with 100 mm 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 . Including carriage of material upto all leads and lifts as per the direction of Engineer -in-Charge.	24.48	Rmt.		Per Running Metre	
0					Total:	

Note : (i) All the material will procured by the contractor him self.

Executive Engineer
Subinila Rural District
H.P. Dhule

Job No-50.

SCHEDULE OF QUANTITY

Name of Work: - Annual Repair and Maintenance on link Road to village Jadaini Road Km. 0/00 to 1/150 (Sh: Repair of Pot Holes in Km. 0/00 to 1/150)		Estimated Cost: - Rs 322391 /- only		Earnest Money : - Rs. 6000 /-only		Time: - One Month	
		figures	Rate In words	Unit	Amount		
Sr. No.	Sub head and items of work	Qty.	Rate	Unit	Amount		
1	2 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, 503 and 508.1 including carriage of material up to all leads and lifts as per the direction of Engineer -in- Charge.	3 864.32	5 Sq.m.	6 Per Square Metre	7		
0				Total:			

Note : (i) All the material will procured by the contractor him self.

Executive Engineer
Shimla Rural District
H.P. ROAD DISTRICT

Job No-51

SCHEDULE OF QUANTITY

Name of Work: - Repair of Link Road from Katasani to Bourdi Km. 0/00 to 0/500 (SH:- Providing and laying in WBM G-I in km. 0/00 to 0/500) under SPMRM Deposit				Estimated Cost: - Rs 220035 /- only Earnest Money :- Rs. 4000 /-only Time: - One Month		
S. No.	Sub head and items of work	Qty.	Rate	In words		Amount
				figures	5	
1	2 Preparation of sub grade by dressing to camber (Earth work) for the cutting involved for sub-grade to be paid for separately depending upon the classification of soil complete as per H.P.PWD. Specifications including carriage of materials in all leads and lift as per direction of Engineer-in-Charge.	3 1500.00 Sqm		4		7
2	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, crushable screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 1 as per Technical Specification Clause 405 By Mechanical Means including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge.	150.00 Cum				
0					Total:	

Note : (i) All the material will procured by the contractor him self.

Executive Engineer,
Shirua Rural Division
HPPRO, Dhami.

Job No-52.

Schedule Of Quantity

Name of Work :- Improvement of road from Shoghi to Mehli road km. 0/00 to 12/375(SH:- Providing and fixing Channel railing at km. 2 /090 to 2/140)							Estimated Cost:- 1,21,124
S.No							Earnest Money:- 2500.00
Description of Work							Time:- One Months.
S.No	Description of Work	No. of Qty.		Rate		Unit	Amount
				In figures	In words		
1	2	3	4	5	6	7	8
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m as per the direction of Engineer-In-Charge. (For Structure as per drawing)	4.32	Cum			Per cubic metre	
2	Providing and laying plain cement concrete (PCC Grade M-10) nominal mix 1:3:6 (one cement : three sand : six crushed stone aggregate 20mm (twenty millimeter) nominal size mechanically mixed and vibrated in open foundations of RCC slab, culvert and similar work including form work as per drawings and Technical Specifications Clause 802, 803, 1202 & 1203 and curing complete including form work and carriage of material through all modes of transportation within all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	4.32	Cum			Per cubic metre	
3	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 material within all leads and lifts. And as per direction of the Engineer-in-Charge.	1032.40	Kg			Per Killogram	
4	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture	42.75	Sqm			Per Square Metre	
Total Rs.							

Executive Engineer,
Shimla Rural Division,
HPPWD, Dharmu, Him

Job No-53.

1/2

Schedule Of Quantity							Estimated Cost:- 4,85,000.00
Name Of Work :- A/R & M/O on various road under sub division Dhami (SH:-							Earnest Money:- 10000.00
Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign boards and dual directional rumble stirps etc.)							Time:- One Months.
S.No	Description of Work	No.of Qty.	Rate		Unit	Amount	
			In figures	In words			
1	2	3	4	5	6	7	
1	Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign as per IRC :67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting 1.5 mm thick supported on a mild steel angle iron post 75mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M - 15 grade cement concrete 450 mm x 450 mm x 600 mm x 600 mm below ground level as per drawings and Technical specification Clause 801 including carriage of materials in all leads and lifts as per direction of the Engineer- in - charge (i) 600 mm equilateral speed limit board.	20	NO			Each	
2	Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign as per IRC :67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting 1.5 mm thick supported on a mild steel angle iron post 75mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M - 15 grade cement concrete 450 mm x 450 mm x 600 mm x 600 mm below ground level as per drawings and Technical specification Clause 801 including carriage of materials in all leads and lifts as per direction of the Engineer- in - charge (i) 600 mm x 600 mm equilateral triangle.	20	NO			Each	

7/2

3	Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign as per IRC :67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting 1.5 mm thick supported on GI pipe 50 mm dia firmly fixed to the ground by means of properly designed foundation with M-15 grade cement concrete 450 mm x 450 mm x 600 mm x 600 mm below ground level as per drawings and Technical specification Clause 1701.1 (i) 800 mm x 600 mm rectangular..	20.00	NO		Each	
4	Manufacturing supplying and fixing of typical information sign board 1.6 mm thick MS plate in top bottom plate duty welded with 50mm dia GI pipe size on back edge the lower plate will be welded with sheet tube posts, the top most MS plate will be welded to bottom plate by 900 mmx 1200 mm of 12 SWG sheet plate tube fixed to the ground by means of properly designed foundation with M-15 grade cement concrete 450mm x 450 mmx 600 mm below ground level as per drawing and technical specification clause 801..	20.00	NO		Each	
5	Providing and fixing dual directional rumble strips made of ABS (Acrylonitrile Butadiene Styrene) material of size 250 mm x 150 mm duty reflectorised with highly reflective twelve no. Imported glasson both side 6x2 and to be fixed 2 nos. Steel pin of 120 mm x 12 mm size and suitable epoxy A7B including carriage of materials with in all leads and lifts other incidental charges the rates are inclusive of royalty, toll tax, sales tax or other taxes imposed by government including all leads and lifts as per the satisfaction of Engineer - in - charge.	220.00	NO		Each	
		Total Rs.				

Executive Engineer,
Shimla Rural Division,
HP, RWD, Dharmi.

Job No-54.

Schedule Of Quantity

Name Of Work :- A/R & M/O to various road under sub division Shoghi Division Dhami (SH:- Typical information sign board, Writing repairing putti and paint both site 5th km. Stone ordinary km. Stone board, M-15 brand grade km. Stone/ local stone, village board) Job No-I						
Estimated Cost:- 4,96,000.00						
Earnest Money:- 10000.00						
Time:- One Months.						
S.No	Description of Work	No. of Qty.		Rate		Unit
				In figures	In words	Amount
1	2	3	4	5	6	7
1	Writing repairing putti and pint both site 5th km. stone ordinary km. stone as per specification including carriage of materials in all leads and lifts direction of the Engineer.	36.00	No			Each
2	Manufacturing supplying and fixing of typical information sign board 1.6 mm thick MS plate in top bottom plate duty welded with 50mm dia GI pipe size on back edge the lower plate will be welded with sheet tube posts, the top most MS plate will be welded to bottom plate by 900 mmx 1200 mm of 12 SWG sheet plate tube fixed to the ground by means of properly designed foundation with M-15 grade cement concrete 450mm x 450 mmx 600 mm below ground level as per drawing and technical specification clause 801.	15.00	No			Each
3	Reinforced cement concrete M- 15 brand grade KM stone/ local stone and standard design as per IRC 8 fixed in position including and printing.	65.00	No			Each
4	Providing and fixing of retro - reflectorised cautionary, mandatory and informatory sign as per IRC :67 made of encapsulated lens type reflective sheeting vide Cause 1701.2.3 fixed over aluminum sheeting 1.5 mm thick supported on GI pipe 50 mm dia firmly fixed to the to the ground by means of properly designed foundation with M-15 grade cement concrete 450 mm x 450 mm x 600 mm below ground level as per drawings and Technical Specification Clause 1701. 1.800 mm x 600 mm rectangular (village board)	30.00	No			Each
Total Rs.						

Executive Engineer,
Shimla Rural Division,
HP, PWD, Dhami. *[Signature]*

Job No-55.

Schedule Of Quantity							Estimated Cost:- 4,74,725.00
NAME OF WORK:- A/R & M/O on Shoghi Mehli road km. 0/00 to 12/375 (SH:- Maintenance of drain, Maintenance of hume pipe culvert, Trimming of grass, Earthen shoulder etc.)							Earnest Money:- 9500.00
							Time:- One Months.
S.No	Description of Work	No. of Qty.		Rate	In words	Unit	Amount
				In figures			
1	2	3	4	5	6	7	8
1	The maintenance of drains include erosion, repair, clearing, cleaning, reshaping, regrading, deepening of side drains as well as catch water drains as per technical specification Clause 1907. including carriage of materials within all leads and lifts and as per the direction of Engineer-In-Charge.	12050.00	Rmt.			Per running metre	
2	Trimming of grass and weeds from the shoulders/berms and disposing off the same to suitable locations as per technical specifications Clause 1914 including carriage of materials within all leads and lifts and as per the direction of Engineer-In-Charge.	37125.00	Sqm			Per Square Metre	
3	Maintenance of Hume pipe Culvert by way of Clearing, Cleaning, Erosion repair, repairs to cracks, parapet wall and protection work as per drawing and technical specification Clause 1908 including carriage of materials within all leads and lifts and as per the direction of Engineer-In-Charge.	50.00	Nos			Each	
4	Maintenance of Earthen Shoulder (filling with fresh soil) Making up loss of material/irregularities on shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at OMC upto a lead of 1000 m as per tonne.including carriage of materials within all leads and lifts and as per the direction of Engineer-In-Charge.	11850.00	Sqm			Per Square Metre	
						Total Rs.	

Executive Engineer,
Shimla Rural Division,
H.P. PWD, Dharmi. *[Signature]*

Job No-56.

1/2

Schedule Of Quantity							Estimated Cost:- 3,50,509.00	
Name of work:- A/R & M/O Shimla Mandi road km. 22/00 to 33/300 (SH:- Extension of culvert and Construction of R/wall at Rd. 27/210 to 27/220 & 27/223 to 27/226)							Earnest Money:- 8000.00	
							Time:- One Months.	
S.No	Description of Work	No. of Qty.		Rate	In words	Unit	Amount	
				In figures				
1	2	3	4	5	6	7	8	
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.as per the direction of Engineer-In-Charge.	23.7	Cum			Per cubic metre		
2	Providing and laying Cement Concrete for Plain/ reinforced Concrete in open Foundation complete as per drawing and technical specification clause 802, 803, 1202 & 1203 in P.C.C Grade M-10 (1:3:6) nominal mix in km. 1/500 to 3/00)	18.94	Cum			Per cubic metre		
3	Providing and laying plain/reinforced cement concrete in superstructure complete as per drawings and MORD technical specification clauses 800, 1205.4 and 1205.5 RCC Grade M-25 (1:1.5:3) (One cement isto one point five sand isto three graded stone aggregate 10 mm to 20 mm nominal size.) including carriage of materials with in all leads and lifts as per direction of the Engineer-In-Charge.	2.81	Cum			Per cubic metre		
4	Providing and laying cement concrete 1:5:10 (one cement is to five sand is to Ten graded stone aggregate 40mm forty millimetre nominal size) and curing complete excluding cost of form work in foundation and plinth with pidilite or Dr.fixit water proofing treatment as per the direction of the Engineer-in-Charge but including carriage of materials up to all leads and lifts	49.68	Cum			Per cubic metre		
5	Supplying and placing HYSD steel bars reinforcement in super structure/ sub structure complete as per drawing and specification clause 1002, 1010, 1202 refer MORD specification 100 sr. 13.3	421.88	Kg			Per Kilogram metre		

2/2

6	Back filling behind abutment, wing wall and return wall and retaining wall with granular material complete as per drawings and MORD technical specification Clause 1204.3.8 (One thousand Two Hundred Four point Three Point Eight) including carriage of materials with in all leads and lifts as per direction of the Engineer in-Charge.	16.20	Cum		Per cubic metre	
7	Providing and laying 100mm dia metre PVC pipe for wheep holes complete of approved quality Including carriage of material within all leads and lifts.	50.00	Rmt.		Per running metre	
			Total Rs.			

Executive Engineer,
Shimla Rural Division,
H.P.PWD, Dharni.

Sub no. 57

SCHEDULE OF QUANTITY

Name of Work: - Improvement of Black Spot on Shanan Ghatti Dargi Sohail Katal Road Km. 0/00 to 12/200 (Sh: Providing & fixing W-Metal Beam Crash Barrier on Shanaghatti Road Km. 4/825 to 4/935)				Estimated Cost: - Rs 495989 /- only Earnest Money : - Rs. 10000 /-only Time: - One Month		
S. No.	Sub head and items of work	Qty.	figures	Rate		Amount
				In words	Unit	
1	2	3	4	5	6	7
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom and backfilling in trenches with excavated suitable material as per MORD specification directed by Engineer-in-Charge.	12.47 Cum			Per cubic metre	
2	Providing and laying cement concrete for Plan / reinforced conc. In open foundation complete as per drawing and technical specification clause - 802,803,1202 & 1203 in P.C.C grade M-20 (1.2.4. nominal mix 20mm) Including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge.	12.47 Cum			Per cubic metre	
3	Providing and erecting a "W"metal beam crash barrier comprising of 3mm thick corrugated sheet metal rail 70 cm. above road/ground level fixed on GI Sheet channel vertical post 150x75x5 mm spaced 1.5 m center to center, 1.8 m high, 1.1 m below ground /road level, all steel part and fittings to be galvanised by hot dip process, all fitting to conform to IS:1367 and IS:1364 metal beam rail to be fixed on the vertical post with a spacer of channel section 150x75x5mm, 330mm long complete as per clause 810 including high intensity grade all weather proof reflective sheeting multi colour tape fixed with mechanical means with high visible(cautionary) from long distance i.e. in fog prone area, black spot point and narrow curve etc.	110.00 Rmt			Per Running Metre	
0					Total:	

Note : (i) All the material will procured by the contractor him self.

For and on behalf of
HAWA DHEMIL

Job No 58

SCHEDULE OF QUANTITY

Name of Work: - Improvement of Black Spot on Shanan Ghatti Dargi Sohal Katal Road Km. 0/00 to 12/200 (Sh: Providing & fixing W-Metal Beam Crash Barrier on Shanaghatti Road Km. 4/00 to 4/110)				Estimated Cost: - Rs 495989 /- only Earnest Money: - Rs. 10000 /-only Time: - One Month		
S. No.	Sub head and items of work	Qty.	figures	Rate	Unit	Amount
			4	In words		
1	2	3	5	6	7	
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom and backfilling in trenches with excavated suitable material as per MORD specification directed by Engineer-in-Charge.	12.47 Cum			Per cubic metre	
2	Providing and laying cement concrete for Plan / reinforced conc. In open foundation complete as per drawing and technical specification clause - 802,803,1202 & 1203.in P.C.C grade M-20 (1.2.4. nominal mix 20mm) Including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge.	12.47 Cum			Per cubic metre	
3	Providing and erecting a "W"metal beam crash barrier comprisingof 3mm thick corrugated sheet metal rail 70 cm. above road/ground level fixed on GI Sheet channel vertical post 150x75x5 mm spaced 1.5 m center to center, 1.8 m high, 1.1 m below ground /road level, all steel part and fitments to be galvanised by hot dip process, all fitting to conforms to IS:1367 and Is:1364 metal beam rail to be fixed on the vertical post with a spacer of channel section 150x75x5mm,330mm long complete as per clause 810 including high intensity grade all weather proof reflective sheeting multi colour tape fixed with mechanical means with high visible(cautionary) from long distance i.e. in fog prone area, black spot point and narrow curve etc.	110.00 Rmt			Per Running Metre	
0					Total:	

Note : (i) All the material will procured by the contractor him self.

Every day 8:00 AM to 5:00 PM
Sohal Katal Road
Hafod Chhatta

Job No 59

SCHEDULE OF QUANTITY

Name of work: Improvement of curves on Kheke Chauri Begg Road Km. 0/00 to 12/00 (S.E. -		Estimated Cost - Rs 47188/- only	
Improvement of Narrow Curves in Km. 11/210 to 11/330		Earnest Money :- Rs. 9000/- only	
		Time- One Month	

S.No.	Sub head and items of work	Qty.	Rate		Unit	Amount
			In figure	In words		
1	2 Cutting in earth work in all heights and depths in all kinds of soil including saturated soil comprising of pick, jumper, blasting work both in soft and hard rock with chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil including dewatering where ever required, setting to the required line, grades, side slopes trimming bottoms and level as shown on the drawing as directed by the Engineer-in-Charge at site according to H.P.W.D specifications of 1990 (One thousand Nine hundred Ninety) Volume-I and sorting out useful/un-useful materials and stacking the same in all leads and lifts and transportation of the un-useful materials for filling in road ways, embankments for grades improvements and leveling to the required grades and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites through all modes of transportation including head load, animal load or mechanical means along with its leveling fine dressing and all labour, machineries, materials, tools equipments and safety measures and incidentals necessary to complete the work by mechanized means and labour (if any required), the cost of useful materials such as stones, shingles, aggregates and slates shall be sorted out and stacked along road side, which shall not be less than one tenth of JW one sixth of SR and one third of HR. = 39.96 Cum Qty. which shall be proportionately increase/decrease as the qty. of earth work increase/ decrease in all cases recovered from the contracto @ 300/- (Three Hundred only) per cubic metre shall be effected any loss to the public and private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	1516.71		Cum	Per cubic metre	7
Total:						

Executive Engineer,
Shimla Rural Division,
H.P.W.D Dhami

69284

SCHEDULE OF QUANTITIES

S.No.	Sub head and items of work	Qty.	In figure	Rate In words	Unit Amount
1	Cutting in earth work in all heights and depths in all kinds of soil including saturated soil comprising of pick, jumper, blasting work both in soft and hard rock with chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil including, dewatering where ever required, setting to the required line, grades, side slopes trimming bottoms and level as shown on the drawing as directed by the Engineer-in-Charge at site according to H.P.W.D specifications of 1990 (One thousand Nine hundred Ninety) Volume-I and sorting out useful/un-useful materials and stacking the same in all leads and lifts and transportation of the, un-useful materials for filling in road ways, embankments for grades improvements and leveling to the required grades and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites through all modes of transportation including head load , animal load or mechanical means along with its leveling fire dressing and all labour , machineries, materials, tools equipments and safety measures and incidentals necessary to complete the work by mechanized means and labour (if any required), the cost of useful materials such as stones, shingles, aggregates and slates shall be sorted out and stacked along road side, which shall not be less than one tenth of JW, one sixth of SR and one third of HR = 39.96 Cum Qty. which shall be proportionately increase/decrease as the qty. of earth work increase/ decreases in all cases recovered from the contract @ 300/- (Three Hundred only) per cubic metre shall be effected any loss to the public and private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	1516.71	3	Cum	Per cubic metre

Executive Engineer,
Shimla Rural Division,
HPWD Dhani

Tab No 61

Schedule Of Quantity							Estimated Cost:-4,24,864.00
Name Of Work :- A/R & M/O on Devidhar Sheedal Ambri road km. 0/00 to 3/510 (SH:- Improvement of Sharp Curve R/wall in km. 2/205 to 2/215)							Earnest Money:- 8500.00
							Time:- One Months.
S.No	Description of Work	No. of Qty.		Rate	In words	Unit	Amount
				In figures			
1	2	3	4	5	6	7	8
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. as per the direction of Engineer-In-Charge.	38.5	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 in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. as per the direction of Engineer-In-Charge.	21.4	Cum			Per cubic metre	
3	Providing and laying cement concrete 1:5:10 (one cement is to five sand is to Ten graded stone aggregate 40mm forty millimetre nominal size) and curing complete excluding cost of form work in foundation and plinth with pidilite or Dr. fixit water proofing treatment as per the direction of the Engineer-in-Charge but including carriage of materials up to all leads and lifts	111.80	Cum			Per cubic metre	
4	Backfilling behind abutment wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 including carriage of materials in all leads and lifts.	24	Cum			Per cubic metre	
5	Providing and laying 100mm dia metre PVC pipe for wheep holes complete of approved quality Including carriage of material within all leads and lifts.	33.75	Rmt			Per running metre	
Total:-							

Executive Engineer,
Shimla Rural Division,
HP, RWD, Dhamsi. *[Signature]*

Feb. 62

SCHEDULE OF QUANTITY

Name of Work: - Construction of Banuti to Dhayla Road Km. 0/00 to 1/00 (SH: Construction of R/Wall at Rd. 0/965 to 0/980)				Estimated Cost: - Rs 481145 /- only Earnest Money :- Rs. 10000 /-only Time: - One Month		
S. No.	Sub head and items of work	Qty.	figures	Rate		Unit
				In 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 1.5 m and a lead upto 20 m as per drawing and Technical Specification Clause 1603.1 and other deleterious materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in-Charge.	29.10 Cum			Per cubic metre	7
2	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom and backfilling in trenches with excavated suitable material as per MORD specification directed by Engineer-in-Charge.	52.80 Cum			Per cubic metre	
3	Providing and Laying cement concrete for plain / reinforced conc. In open foundation complete as per drawing and technical specification clause-802, 803, 1202 & 1203 in Cement Concrete 1:5:10 (1 Cement : 5 sand : 10 graded stone Aggregate 40 mm nominal mix). Including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge.	125.85 Cum			Per cubic metre	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8. (i) Granular material, Including carriage of material within all leads upto leads as per the direction of Engineer-in-Charge.	20.70 Cum			Per cubic metre	
5	Providing weapholes in brick masonry / stone masonry / plain reinforced concrete abutment, wing wall, return wall with 100 mm 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 . Including carriage of material upto all leads and lifts as per the direction of Engineer -in-Charge.	45.60 Rmt.			Per Running Metre	
0					Total:	

Note : (i) All the material will procured by the contractor him self.

Executive Engineer
Banuti Road, Dhayla
Hawd Dhayla

Job No. 62 (A)

SCHEDULE OF QUANTITY

Name of Work: - Improvement of curves on Shimla Nalagarh Road Km. 7/00 to 22/00 (SH: Construction of B-Wall at Rd. 7/510 to 7/516)				Estimated Cost: - Rs 497014 /- only Earnest Money : - Rs. 10000 /-only Time: - One Month		
S. No.	Sub head and items of work	Qty.	figures	Rate		Amount
				In words	Unit	
1	2	3	4	5	6	7
2	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom and backfilling in trenches with excavated suitable material as per MORD specification directed by Engineer-in-Charge.	18.90 Cum			Per cubic metre	
3	Providing and Laying cement concrete for plain / reinforced conc. In open foundation complete as per drawing and technical specification clause-802, 803, 1202 & 1203 in Cement Concrete 1:5:10 (1 Cement : 5 sand: 10 graded stone Aggregate 40 mm nominal mix). Including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge.	5.04 Cum			Per cubic metre	
3	Providing and Laying cement concrete for plain / reinforced conc. In open foundation and plinth complete as per drawing and technical specification clause-802, 803, 1202 & 1203 for plain / reinforcement including carriage of materials as per the direction of Engineer-in-charge. Cement Concrete 1:4:8 nominal mix (1Cement : 4 sand : 8 graded crushed stones aggregate 40 mm nominal size)	99.69 Cum			Per cubic metre	
5	Providing centering shuttering Including propping etc. and removal of form work for B-Wall / R-wall (Any thickness) l/c carriage upto all leads and lifts as per the direction of Engineer -in-Charge.	84.11 Sqm.			Per Square Metre	
5	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100 mm 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 . Including carriage of material upto all leads and lifts as per the direction of Engineer -in-Charge.	49.00 Rmt.			Per Running Metre	
6	Disposal of excavated earth from work site to Dumping site 8 Kms. leads including MC dumping Charges.	18.90 Cum			Per cubic metre	
0					Total:	

Note : (i) All the material will procured by the contractor him self.

Executive Engineer
Shimla Rural District
H.P. D.D. Dhami

Job No. 63

Schedule Of Quantity

Name Of Work :- A/R & M/O on Devidhar Sheedal Ambri road km. 0/00 to 3/510 (SH:-
Improvement of Sharp Curve R/wall in km. 2/195 to 2/205)

Estimated Cost:-4,24,864.00

Earnest Money:- 8500.00

Time:- One Months.

S.No	Description of Work	No. of Qty.		Rate		Unit	Amount
		3	4	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 in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.as per the direction of Engineer-In-Charge.	38.5	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 in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.as per the direction of Engineer-In-Charge.	21.4	Cum			Per cubic metre	
3	Providing and laying cement concrete 1:5:10 (one cement is to five sand is to Ten graded stone aggregate 40mm forty millimetre nominal size) and curing complete excluding cost of form work in foundation and plinth with pldlite or Dr fixit water proofing treatment as per the direction of the Engineer-in-Charge but including carriage of materials up to all leads and lifts	111.80	Cum			Per cubic metre	
4	Backfilling behind abutment wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 including carriage of materials in all leads and lifts.	24	Cum			Per cubic metre	
5	Providing and laying 100mm dia metre PVC pipe for wheep holes complete of approved quality Including carriage of material within all leads and lifts.	33.75	Rmt			Per running metre	
						Total:-	

Executive Engineer,
Shimla Rural Division,
H.P.W.D, Dhamsi. *[Signature]*

Job No. 64

Schedule Of Quantity									
Name of Work :- A/R & M/O on Asia the Dawn to Chakkar road km. 0/00 to 1/790 (SH:- C/O R/wall A/W Toe at Rd. 0/355 to 0/364) Near Patarkar vihar)									
Estimated Cost:- 2,05,988									
Earnest Money:- 4200.00									
Time:- One Months.									
S.No	Description of Work	No. of Qty.		Rate		In words		Unit	Amount
				In figures					
1	2	3	4	5	6	7	8		
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.as per the direction of Engineer-In-Charge.(For Structure as per drawing)	34.20	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 :- (1:5:10) (One cement : five sand : Ten Graded stone aggregate 40mm nominal size) and curing complete including the carriage of materials in all leads lifts as per the direction of Engineer-In-Charge.	55.01	Cum					Per cubic metre	
3	Backfilling behind abutment wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 including carriage of materials in all leads and lifts.	3.24	Cum					Per cubic metre	
4	Providing and laying 100mm dia metre PVC pipe for wheep holes complete of approved quality Including carriage of material within all leads and lifts.	17.40	Rmt.					Per Running Metre	
		Total Rs.							

Executive Engineer,
Shimla Rural Division,
H.P.W.D., Dhamsi. *[Signature]*

Job No 65-

SCHEDULE OF QUANTITY

Name of Work:- Improvement of curves on Shimla Nagaria Road, Km. 7/00 to 22/00 (S.M:- Improvement of curve at Rd. 7/510 to 7/523.50).

Estimated Cost:- Rs 488565 /- only
Earnest Money:- Rs. 10000 /- only
Time- One Month

S.No.	Sub head and items of work	Qty.	Rate		Unit	
			In figure	In words	6	Amount
1	Cutting in earth work in all heights and depths in all kinds of soil including saturated soil comprising of pick, jumper, blasting work both in soft and hard rock with chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil including, dewatering where ever required, setting to the required line, grades, side slopes trimming bottoms and level as shown on the drawing as directed by the Engineer-in-Charge at site according to HP.PWD specifications of 1990 (One thousand Nine hundred Ninety) Volume-I and sorting out useful/un-useful materials and stacking the same in all leads and lifts and transportation of the unuseful materials for filling in road ways, embankments for grades improvements and leveling to the required grades and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites through all modes of transportation including head load, animal load or mechanical means along with its leveling fine dressing and all labour, machineries, materials, tools equipments and safety measures and incidentals necessary to complete the work by mechanized means and labour (if any required). the cost of useful materials such as stones, shingles, aggregates and slates shall be sorted out and stacked along road side, which shall not be less than one tenth of JW, one sixth of SR and one third of HR. = 0 Cum Qty. which shall be proportionately increase/decrease as the qty. of earth work increase/ decreases in all cases recovered from the contract @ 300/- (Three Hundred only) per cubic metre shall be effected any loss to the public and private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all respects. Including carriage upto lead of aprox 8Km. and MC Dumping charges.	519.75	Cum		Per cubic metre	7
						Total:

Executive Engineer,
Shimla Rural Division,
HPP Dhami

Job No. 66

1/2

Schedule Of Quantity							Estimated Cost:-4,88,313.00
Name of work:- Improvement of black spot on Slapper Tatapani Suni Luri road km. 72/00 to 86/00 (SH:- Improvement of geometrics in km. 78/245 to 78/269, 78/545 to 78/573, 84/395 to 84/415, 84/460 to 84/484, and R/wall at Rd.88/315 to 88/320)							Earnest Money:- 9800.00
							Time:- Two Months.
S.No	Description of Work	No. of Qty.		Rate	In words	Unit	Amount
				In figures			
1	2	3	4	5	6	7	8
1	Cutting in earth work in all heights and depths in all kinds of soil including saturated soil comprising of pick, jumper, blasting work both in soft and hard rock with chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil including, dewatering where ever required, setting to the required line, grades, side slopes trimming bottoms and level as shown on the drawing as directed by the Engineer-in-Charge at site according to HP.PWD specifications of 1990 (One thousand Nine hundred Ninety) Volume-1 and sorting out useful/un-useful materials and stacking the same in all leads and lifts and transportation of the unuseful materials for filling in road ways, embankments for grades improvements and leveling to the required grades and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites through all modes of transportation including head load , animal load or mechanical means along with its leveling fine dressing and all labour , machineries, materials, tools equipments and safety measures and incidentals necessary to complete the work by mechanized means and labour (if any required). the cost of useful materials such as stones, shingles, aggregates and slates shall be sorted out and stacked along road side, which shall not be less than one tenth of JW, one ten of SR and one six of HR one Third = 321.22 Cum qty. which shall be proportionately increase/decrease as the qty. of earth work increase/ decrease in all cases recovered from the contracto @170/- (one hundred seventy only) per cubic metre shall be effected any loss to the public and private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	963.67	Cum			Per cubic metre	

2/2

2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m as per the direction of Engineer-In-Charge.	4.1	Cum			Per cubic metre	
3	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m as per the direction of Engineer-In-Charge.	10.33	Cum			Per cubic metre	
4	Providing and laying cement concrete 1:5:10 (one cement is to five sand is to Ten graded stone aggregate 40mm forty milimetre nominal size) and curing complete excluding cost of form work in foundation and plinth with pidlite or Dr.fixit water proofing treatment as per the direction of the Engineer-in-Charge but including carriage of materials up to all leads and lifts	25.80	Cum			Per cubic metre	
5	Backfilling behind abutment wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 including carriage of materials in all leads and lifts.	5.19	Cum			Per cubic metre	
6	Providing and laying 100mm dia metre PVC pipe for wheep holes complete of approved quality including carriage of material within all leads and lifts.	13.45	Rmt.			Per Running Meter	
						Total:-	

Executive Engineer
Shimla Rural Divist
HP
Dhami

Job No. 67
Draft SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figure	Words	
					Estimated Cost	248775.00
					Earnest Money	5000.00
					Time Limit:	Fifteen days.

Job No.

Name of work: - Annual Repair & Maintenance of various roads in Gandal Section under Dhama Sub Division (SH :- Providing and fixing Aluminium cat eyes on the roads) Job No.-1

1	Providing and fixing cat eye studs with dimension 100*100*20mm (one hundred into one hundred into twenty millimeters) aluminium resistant to corrosive effects of salt and and grits fitted with less reflector installation in concrete or asphaltic 30mm upto a depth of 60 mm bedded insuitable bituminous grout as per BS:873 part (4) 1973 epoxy and nails as per specification and to the entire satisfaction of the Engineer in Charge, including all lead and lift and carriage of material through all modes of transport including all incidental charges.	535.000	No.	each		

Executive Engineer
Shimla Rural Division
HPPAD, Dhama

Sub No. 68

SCHEDULE OF QUANTITY

Name of Work:- Construction of Devanagar to Moolbari Road Km. 0/00 to 1/00 (Sh:- Construction of B-Wall above Existing B/Wall at Rd. 0/445 to 0/485)

Estimated Cost: - Rs 386495 /- only
Earnest Money : - Rs. 8000 /-only
Time: - One Month

S. No.	Sub head and items of work	Qty.	figures	Rate	Unit	Amount
			4	In 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 1.5 m and a lead upto 20 m as per drawing and Technical Specification Clause 1603.1 and other deleterious materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in Charge.	40.00 Cum			Per cubic metre	
2	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom and backfilling in trenches with excavated suitable material as per MORD specification directed by Engineer-in-Charge.	28.40 Cum			Per cubic metre	
3	Providing and Laying cement concrete for plain / reinforced conc. In open foundation complete as per drawing and technical specification clause-802, 803, 1202 & 1203 in Cement Concrete 1:5:10 (1 Cement : 5 sand: 10 graded stone Aggregate 40 mm nominal mix). Including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge.	103.60 Cum			Per cubic metre	
4	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100 mm 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 . Including carriage of material upto all leads and lifts as per the direction of Engineer -in-Charge.	75.10 Rmt.			Per Running Metre	
0					Total:	

Note : (i) All the material will procured by the contractor him self.

**Executive Engineer,
Shimla Rural Division
HPPWD, Dhami**

Job No. 69

Draft SCHEDULE OF QUANTITY

DRAIN SCHEDULE OF QUANTITY						
Description of work		Qty.	Unit	RATE In		AMOUNT Rs.
				Figure	Words	
Draft Shchedule of Quantity						
Sr.No.	Name of work:-R.R.Damages on Banooti Pahal road KM 0/0 to 20/700(SH:-Improvement of curves at KM 7/350 to 7/440).			Estimated C		499908.00
				Earnest Mon		10000.00
				Time limit :		Two Months
1	Excavation in earthwork in hilly area all hights and depth, in all kind of soil including saturated soil comprising of mixed soil , ordinary rock and hard rock with rock breaker including breaking rock. 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, chamber, super elevation and level as shown on the drawings or as directed by the Engineer-in -Charges, in conformity with the requirement of technical specification for Rural Road, August 2004 and clause 16.2 of General Conditions for Contract to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal of unsuitable cut material in specified manner,trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in -Charge for smooth riding. The	1301.860	m ³	Per Cubic metre		

Executive Engineer
Shimla Rural Division
HPP, Dhami

Job No. 70

Draft SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figure	Words	
Draft Schedule of Quantity						
Sr.No.	Name of work:-R.R.Damages on Banooti Pahal road KM 0/0 to 20/700(SH):-Improvement of curves at KM 4/065 to 4/155).			Estimated C		499908.00
				Earnest Mon		10000.00
				Time limit :-		Two Month.
1	Excavation in earthwork in hilly area all hights and depth, in all kind of soil including saturated soil comprising of mixed soil , ordinary rock and hard rock with rock breaker including breaking rock. 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, chamber, super elevation and level as shown on the drawings or as directed by the Engineer-in - Charges, in conformity with the requirement of technical specification for Rural Road, August 2004 and clause 16.2 of General Conditions for Contract to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal of unsuitable cut material in specified manner, trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in -Charge for smooth riding. The	1301.860	m3	Per Cubic metre		

Executive Engineer
Shimla Rural Division
HPWD, Dharmi

Job No. 41

Draft SCHEDULE OF QUANTITY

BID SCHEDULE OF QUANTITIES						
Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figure	Words	
Job No. :-						
Name of work: -A/R & M/o to New Rest House at Tara Devi under Soghi Sub Division (SH:- Providing House keeping and cleaning services at HPPWD Rest House at Tara Devi Shimla HP)						
				Estimated Cost: -		453600.00
				Earnest Money: -		9100.00
				Time Limit : -		Six month.
1	Providing Cook, Helper, Mali, Sweeper, Cleaner sewereman to provide house keeping and cleaning services for Rest House at Tara Devi complete in all respect as per direction of Engineer in Charge through all modes of transport including all incidental charges. (5 person each month)	6 No. Month(5 person each	Eac h Mo nth			

Executive Engineer
Shimla Rural Division
HPPWD, Dhami

Job No. 72

Schedule Of Quantity

Name Of Work :- R/R damages on Mandorghat Anu road km. 0/00 to 5/00 (SH:- C/O R/wall at Rd. 0/045 to 0/065)							Estimated Cost:-3,25,081.00
Time:- Two Months.							Earnest Money:- 6600.00
S.No	Description of Work	No.of Qty.		Rate In figures	In words	Unit	Amount
1	2	3	4	5	6	7	8
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.as per the direction of Engineer-In-Charge.	13	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 in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.as per the direction of Engineer-In-Charge.	30.6	Cum			Per cubic metre	
3	Providing and laying cement concrete 1:5:10 (one cement is to five sand is to Ten graded stone aggregate 40mm forty millimetre nominal size) and curing complete excluding cost of form work in foundation and plinth with piddlite or Dr.fixit water proofing treatment as per the direction of the Engineer-in-Charge but including carriage of materials up to all leads and lifts	83.00	Cum			Per cubic metre	
4	Backfilling behind abutment wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 including carriage of materials in all leads and lifts.	27.6	Cum			Per cubic metre	
5	Providing and laying 100mm dia metre PVC pipe for wheep holes complete of approved quality Including carriage of material within all leads and lifts.	24.00	Rmt			Per running metre	
						Total:-	

Executive Engineer,
Shimla Rural Division,
HP, PW.D. Dhama. *[Signature]*

Vol No. 73

Schedule Of Quantity							Estimated Cost:- 4,99,245.00
NAME OF WORK:- A/R & M/O to Banuti Pahal via Nehwat road km. 0/00 to 20/700 (SH:-							Earnest Money:- 10,000.00
Maintenance of drain, Maintenance of hume pipe culvert, Trimming of grass, white washing, and Earthen shoulder in km. 0/00 to 9/00)							Time:- One Months.
S.No	Description of Work	No. of Qty.		Rate		Unit	Amount
				In figures	In words		
1	2	3	4	5	6	7	8
1	The maintenance of drains include erosion, repair, clearing, cleaning, reshaping, regrading, deepening of side drains as well as catch water drains as per technical specification Clause 1907. including carriage of materials within all leads and lifts and as per the direction of Engineer-In- Charge.	8940.00	Rmt.			Per running metre	
2	Maintenance of Hume pipe Culvert by way of Clearing, Cleaning, Erosion repair, repairs to cracks, parapet wall and protection work as per drawing and technical specification Clause 1908 including carriage of materials within all leads and lifts and as per the direction of Engineer-In- Charge .	20.00	Nos			Each	
3	Trimming of grass and weeds from the shoulders/berms and disposing off the same to suitable locations as per technical specifications Clause 1914 including carriage of materials within all leads and lifts and as per the direction of Engineer-In- Charge.	16200.00	Sqm			Per Square Metre	
4	White washing two coats on parapet walls and tree trunks including preparation of surface by cleaning scraping etc. as per technical specifications Clause 1915 including carriage of materials within all leads and lifts and as per the direction of Engineer-In- Charge.	3918.90	Sqm			Per Square Metre	
5	Maintenance of Earthen Shoulder (filling with fresh soil) Making up loss of material/irregularities on shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at OMC upto a lead of 1000 m as per tonne including carriage of materials within all leads and lifts and as per the direction of Engineer-In- Charge .	15750.00	Sqm			Per Square Metre	
Total Rs.							

Executive Engineer
Shimla Rural Divn
HPPWD Dharm

Sub No. 74

1/2

SCHEDULE OF QUANTITY

Name of Work: - Annual Repair & Maintenance of Reodhar Piplidhar Road Km. 0/00 to 3/00 (SH:- Construction of R-wall at R.D. 2/600 to 2/610 & Providing and fixing W-Metal Beam Crash Barrier)										Estimated Cost: - Rs 459044 /- Earnest Money: - Rs. 9000 /-only Time: - One Month		
S. No.	Sub head and items of work			Qty.	figures	Rate		Unit	Amount			
					4	In words	5					
1	2			3				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 1.5 m and a lead upto 20 m as per drawing and Technical Specification Clause 1603.1 and other deleterious materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in-Charge.			39.00 Cum				Per cubic metre				
2	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom and backfilling in trenches with excavated suitable material as per MORD specification directed by Engineer-in-Charge.			31.20 Cum				Per cubic metre				
3	Providing and Laying cement concrete for plain / reinforced conc. In open foundation complete as per drawing and technical specification clause-802, 803, 1202 & 1203 in Cement Concrete 1:5:10 (1 Cement : 5 sand: 10 graded stone Aggregate 40 mm nominal mix). Including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge.			107.20 Cum				Per cubic metre				
4	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8, (I) Granular material, Including carriage of material within all leads upto leads as per the direction of Engineer-in-Charge.			18.00 Cum				Per cubic metre				
5	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100 mm 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 . Including carriage of material upto all leads and lifts as per the direction of Engineer -in-Charge.			70.00 Rmt.				Per Running Metre				

7/2

6	Providing and erecting a "W" metal beam crash barrier comprising of 3mm thick corrugated sheet metal rail 70 cm. above road/ground level fixed on GI Sheet channel vertical post 150x75x5 mm spaced 1.5 m center to center, 1.8 m high, 1.1 m below ground /road level, all steel part and fittings to be galvanised by hot dip process, all fitting to conform to IS:1367 and IS:1364 metal beam rail to be fixed on the vertical post with a spacer of channel section 150x75x5mm, 330mm long complete as per clause 810 including high intensity grade all weather proof reflective sheeting multi colour tape fixed with mechanical means with high visible (cautionary) from long distance i.e. in fog prone area, black spot point and narrow curve etc.	10.00	Rmt		Per Running Metre
7	Providing and laying cement concrete for Plan / reinforced conc. In open foundation complete as per drawing and technical specification clause - 802, 803, 1202 & 1203 in P.C.C grade M-20 (1.2.4. nominal mix 20mm) Including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge.	1.56	Cum		Per cubic metre
0					Total:

Note : (i) All the material will be procured by the contractor himself.

Executive Engineer,
Shiradi Rural Division
HPPWD, Dharampur