

Himachal Pradesh  
Public Works Department

No:-PW/SRDD-CB-CTR-NIT/2022- 17996  
To

Dated:- 29-09-2022

✓ 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 Dhami

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

Scaled 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.P.W.D. (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 **12-10-2022 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 **11-10-2022 up to 4:00 PM** and the application for issue of tender form shall be received on **10-10-2022 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	Improvement of black spot on Banuti Pahal via Nehwat road km 0/00 to 20/600 (SH:- cutting at RDs B/wall km 1/965 to 2/090)	Rs. 495061/-	Rs. 10000/-	One Month	Rs. 350/-
2	R.R Damages on Dhami bainsh road KM. 0/00 to 6/400 (SH:- C/O R/wall In KM 0/005 to 0/020 & 0/030 to 0/040)	Rs. 479206 /-	Rs. 9600 /-	Two Month	Rs. 350/-
3	Improvement of Banuti Dhyala Road Km. 0/00 to 1/00 (SH:- Providing W-Metal Beam Crash Barrier at Various Rds. 0/330 to 0/440)	Rs. 495989 /-	Rs. 10000 /-	One Month	Rs. 350/-
4	Improvement of Banuti Dhyala Road Km. 0/00 to 1/00 (SH:- Providing W-Metal Beam Crash barrier at Various Rds. 0/220 to 0/330)	Rs. 495989 /-	Rs. 1000 /-	One Month	Rs. 350/-
5	R/R damages on link road to Mandhoreghat Anu km. 0/00 to 5/00 (SH:- Removal of Slips at various Rds)	Rs. 168625/-	Rs. 3400 /-	One Month	Rs. 350/-
6	C/O Kanauri to Hanuman mandir road km.0/00 to 0/850 (SH:- Construction of B-wall at Rd. 0/810 to 0/840)	Rs. 281503 /-	Rs. 6000 /-	One Month	Rs. 350/-
7	Improvement of Ghanahatti Bhajol road km. 0/00 to 14/00 (SH:- Formation defences at Rd. 6/665 to 6/717)	Rs. 498849/-	Rs. 10000/-	One Month	Rs. 350/-
8	Improvement of Ghanahatti Bhajol road km. 0/00 to 14/00 (SH:- Formation defences at Rd. 6/260 to 6/320)	Rs. 499417 /-	Rs. 10000/-	One Month	Rs. 350/-
9	C/O on Khel Ka Chaunra Gayanchri road KM 0/00 to 0/600 (SH:- C/O PCC Edge wall at RDs 0/130 to 0/135 & b/wall in KM 0/480 to 0/525).	Rs. 498589/-	Rs. 10000/-	Two Month	Rs. 350/-
10	R/R damages on Ghanahatti Bhajol road km. 0/00 to 14/435 (SH:- C/O R/Wall at Rd. 4/430 to 4/452.50)	Rs. 493012/-	Rs. 10000/-	One Month	Rs. 350/-
11	Improvement of black spot on Pakki Bawri Shakrah Sedan road km. 0/00 to	Rs. 495249/-	Rs. 10000/-	One Month	Rs. 350/-



	5/700 (SH:- Providing W-Metal beam crash barrier at Rd. 0/400 to 0/510)				
12	Annual Repair and Maintenance on devnager Moolvari Road Km. 0/00 to 1/00 (SH:- Construction of R-wall at Rd. 0/220 to 0/238)	Rs. 364462/-	Rs. 7000/-	One Month	Rs. 350/-
13	Improvement of curves and providing and fixing railing and parapets on Galog Nehra Okhroo road Km 0/00 to 11/135 (SH:- Providing and fixing railing W-Metal Crash Beam barrier in various Rds). Job No.4	Rs. 481712/-	Rs. 9700/-	Two month	Rs. 350/-
14	R/R damages on Ghanahatti Parech road km. 0/00 to 1/700 (Sh:- C/O R/ wall at Rd. 0/450 to 0/469)	Rs. 499727/-	Rs. 10000/-	One Month	Rs. 350/-
15	Improvement of curves on Nehra Bukhoo Road Km. 0/00 to 8/00 (SH:- Providing and fixing railing W-metal crash beam barrier at various Rds) Job no-1	Rs. 497453 /-	Rs. 9800 /-	Two Month	Rs. 350/-
16	Improvement of black spot on Ghanahatti Bhajol road km. 0/00 to 12/600 (SH:- Formation cutting at Rd. 3/700 to 3/790)	Rs. 499257/-	Rs. 10000/-	One Month	Rs. 350/-
17	Balance work G.P.S. Building Anu Tehsil Sunni Distt. Shimla (HP) (SH:- C/O Brick work ,and 1: 11/2:3 concrete work thereof )	Rs. 499684/-	Rs. 10000/-	One Month	Rs. 350/-
18	Improvement of curves on Nehra Bukho road KM 0/00 to 8/00 (SH:- Providing and railing beam barrier at various Rds). Job No.-3	Rs. 497453/-	Rs. 9800 /-	Two Month	Rs. 350/-
19	Restoration of rain damages on Simloh Mandhoreghat Nagar via dargi Km. 0/00 to 2/825 (II) R/R of Rain damages on Shananghatti Dargi Sohal Katal Road km. 0/00 to 12/225 (SH:- C/O R- Wall Rd. 1/500 to 1/510 and 4/360m to 4/366.80)	Rs. 366865/-	Rs. 7000/-	One Month	Rs. 350/-
20	Restoration of rain damages on Hira Nagar Dhamoon Road Km. 0/00 to 8/00 (SH:- construction of R-wall at RD. 3/00 to 3/015.60)	Rs. 499777/-	Rs. 10000/-	One Month	Rs. 350/-
21	Restoration of rain damages on haridevi Seri Road Km. 0/00 to 7/00 (SH:- Construction of B-wall at RD. 1/520 to 1/555)	Rs. 499902/-	Rs. 10000/-	One Month	Rs. 350/-
22	Restoration of rain damages on Hari Devi Seri Road Km. 0/00 to 7/00 (SH:- Construction of B-wall at Rd. 0/870 to 0/905)	Rs. 476785/-	Rs. 10000/-	One Month	Rs. 350/-
23	Restoration of rain damages on Hira Nager Sharog Road Km. 0/00 to 5/500 (SH:- Construction of R-wall in PCC at Rd. 5/0902 to 5/106)	Rs. 177012/-	Rs. 4000/-	One Month	Rs. 350/-
24	Construction of Banuti to Dhayla Road km. 0/00 to 1/00 (SH:- Construction of R-wall at Rd. 00/950 to 0/965)	Rs. 459089/-	Rs. 9000/-	One Month	Rs. 350/-
25	Restoration of rain damages on Hira Nager Sharog Road km. 0/00 to 5/00 (SH:- Construction of R-Wall at Rd. 0/090 to 0/093.40)	Rs. 488183/-	Rs. 10000/-	One Month	Rs. 350/-



26	Restoration of rain damages on Hira Nagar Sharog Road Km. 0/00 to 5/00 (SH:- Construction of R-wall at Rd. 0/093.40 to 0/096.8)	Rs. 488183/-	Rs. 10000/-	One Month	Rs. 350/-
27	C/O link road from 16 mile to Sedan Shakrah road km. 0/00 to 3/135 (SH:- C/O R/wall at Rd. 0/841.50 to 0/852.50) Balance work under SPMRM	Rs. 423106/-	Rs. 8000/-	One Month	Rs. 350/-
28	C/O link road from 16 Mile to Sedan Shakrah road km. 0/00 to 3/135 (SH:- C/O R/wall at Rd. 0/831 to 0/841.50) Balance work under SPMRM	Rs. 404585/-	Rs. 8000/-	One Month	Rs. 350/-
29	A/R & M/O Bangora Kalihatti Bastigunana road Km. 0/00 to 11/675 (SH:- C/O R/wall at Rd. 10/405 to 10/420)	Rs. 485607/-	Rs. 10000/-	One Month	Rs. 350/-
30	A/R & M/O Bangora Kalihatti Bastigunana road Km. 0/00 to 11/675 (SH:- C/O B/wall at Rd. 10/410 to 10/425)	Rs. 146540/-	Rs. 3000/-	One Month	Rs. 350/-
31	C/O Karechi Tabog road Km. 0/00 to 3/00 (SH:- Providing and laying soling(Gr.-1) and consolidation of sub grade in Km. 0/00 to 0/750)	Rs. 498866/-	Rs. 10000/-	One Month	Rs. 350/-
32	C/O Karechi Tabog road Km. 0/00 to 3/00 (SH:- Providing and laying soling(Gr.-1) and consolidation of sub grade in Km. 0/750 to 1/500)	Rs. 498866/-	Rs. 10000/-	One Month	Rs. 350/-
33	R/R damages ON Shananghatti Dargi Sohal Katal road Km. 0/00 to 12/255 (SH:- C/O R-wall at Rd. 6/920 to 6/943)	Rs. 493749/-	Rs. 10000/-	One Month	Rs. 350/-
34	A/R & M/o to various road under Sunni Sub Division (SH:- Supplying and fixing duel directional delinator in various roads under Sunni Sub Division)	Rs. 498465/-	Rs. 10000/-	Six month	Rs. 350/-
35	A/R & M/o to various road under Jalog Sub Division (SH:- Supplying and fixing duel directional delinator in various roads under Jalog Sub Division)	Rs. 498465/-	Rs. 10000/-	Six month	Rs. 350/-
36	S/R to Distt. Court complex at Chakkar Shimla (SH:- Dismantling toilets and providing and fixing floor tiles & wall tile & sanitary fitting i.e. PVC pipe with fitting etc. in Procecution Branch)	Rs. 125414/-	Rs. 2600/-	One Month	Rs. 350/-
37	S/R to Distt. Court complex at Chakkar Shimla (SH:- Dismantling toilets block of Bar Counsel and providing and fixing floor tiles & wall tile & sanitary fitting etc.)	Rs. 148046/-	Rs. 3000/-	One Month	Rs. 350/-
38	R/R damages on Banooti Pahal road Km. 0/00 to 16/150 (SH:- C/O R-wall at Rd. 2/880 to 2/895.50)	Rs. 496779/-	Rs. 3000/-	One Month	Rs. 350/-
39	R/R damages on Galog Nehra Okhroo road Km. 0/00 to 12/00 (SH:- C/O R/wall at Rd. 7/900 to 7/923)	Rs. 497242	Rs. 10000/-	One Month	Rs. 350/-
40	R/R damages on Galog Nehra Okhroo road Km. 0/00 to 12/00 (SH:- C/O R/wall at Rd. 6/870 to 6/893)	Rs. 497242	Rs. 10000/-	One Month	Rs. 350/-
41	Restoration of Rain damages on Banooti Pahal road Km. 0/00 to 16/150 (SH:- C/O R/wall at Rd. 15/369 to 15/376)	Rs. 270882/-	Rs. 5000/-	One Month	Rs. 350/-



42	Balance work G.P.S. building Mandrech Tehsil Sunni Distt. Shimla (SH:- C/O Brick work and 1:11/2:3 concrete work thereof)	Rs. 499819/-	Rs. 10000/-	One Month	Rs. 350/-
43	A/R & M/O on non residential building under HPPWD Dharmi Sub Division (SH:- Providing & applying distempering, exterior paint and painting work in JE office at Dargi)	Rs. 154014/-	Rs. 10000/-	One Month	Rs. 350/-
44	Improvement of Galog Nehra Okhroo road km. 0/00 to 12/00 (SH:- Cutting in various Rds B/w Km. 5/025 to 5/070 & 5/210 to 5/225)	Rs. 252356/-	Rs. 5100/-	Two Months	Rs. 350/-
45	C/O link road to Pandoa Temple Km. 0/00 to 0/500 (SH:- C/O R/wall & B/wall & parapets at various Rds.)	Rs. 286625/-	Rs. 10000/-	One Month	Rs. 350/-
46	C/O Karyali Khoon road Km. 0/00 to 0/420 (SH:- P/L G-1, G-III in Km. 0/00 to 0/420)	Rs. 494423/-	Rs. 10000/-	One Month	Rs. 350/-
47	C/O Karyali Khoon road Km. 0/00 to 0/420 (SH:- P/L metalling & Tarring work in Km. 0/00 to 0/420)G-1, G-III in Km. 0/00 to 0/420)	Rs. 485100/-	Rs. 9700/-	One Month	Rs. 350/-
48	Improvement of Curves on Ghanahatti Bhajol road Km. 0/00 to 14/370 (SH:- Curve Cutting in various Rds B/w Km. 6/030 to 6/190)	Rs. 485587/-	Rs. 10000/-	One Month	Rs. 350/-
49	R/R damages on link road to Mandrech Km. 0/00 to 2/260 (SH:- Removal of slips at various Rds.)	Rs. 161602/-	Rs. 10000/-	One Month	Rs. 350/-
50	R/R damages on Hiranagar Jutogh road Km. 0/00 to 12/00 (SH:- C/O B/wall in Km. 0/540 to 0/552) Balance work	Rs. 140514/-	Rs. 2000/-	One Month	Rs. 350/-
51	R/R damages on MLA Crossing to Tawi More road Km. 0/00 to 1/630 (SH:- C/O R/wall at Rd. 0/808 to 0/816)	Rs. 379176/-	Rs. 7600/-	One Month	Rs. 350/-
52	R/R damages on MLA Crossing to Tawi More road Km. 0/00 to 1/630 (SH:- C/O R/wall at Rd. 0/800 to 0/808)	Rs. 379176/-	Rs. 7600/-	One Month	Rs. 350/-
53	R/R damages on Paughat to Shal Chanog road Km. 0/00 to 7/300 (SH:- C/O R/wall at Rd. 7/1+90 to 7/205)	Rs. 459846/-	Rs. 9200/-	One Month	Rs. 350/-
54	R/R damages on Shimla Nalagarh road Km. 7/00 to 22/00 (SH:- C/O R/wall at Rd. 8/765 to 8/775)	Rs. 217491	RS. 4400/-	One Month	Rs. 350/-
55	R/R DAMAGES ON Simloh Mandhorghat Nagar via Dargi road Km. 0/00 to 2/825 (SH:- C/O B/wall at Rd. 0/600 to 0/615 and cutting for improvement of road in Rs.Km. 0/00 to 1/00)	Rs. 396438/-	Rs. 8000/-	One Month	Rs. 350/-

Followings documents should be attached with the application for tenders:

- (i) 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.



- (ii) 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.P.W.D. Dharni

No: PW-SRDD-CB-CTR / 2022- 17984-95

Dated:- 29-09-2022

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

1. The Superintending Engineer 4<sup>th</sup> 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.P.W.D. Dharni.

#### Certificate

Certified that the tenders called vide this office notice No. PW-SRDD-CB-CTR/2022-17984-95 dated 29-09-2022 for 28 number jobs is hereby invited without press notice due to exigencies/emergency of works in the public interest.

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



Sub. 1

# SCHEDULE OF QUANTITY

Name of work:- Improvement of Black Spot on Banuti Pahal via Nehwat Road Km. 0/00 to 20/600 (Sh:- Cutting at RD's B/w km. 1/965 to 2/090)

Estimated Cost: - Rs 495061 /-

Earnest Money : - Rs. 10000 /-only

Time- One Month

S.No.		Sub head and items of work		Qty.		Rate		Unit	Amount		
1		2		3		In figure		In words	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 sixth of SR and one third of HR.= 178.38 Cum Qty. which shall be proportionately increase/decrease as the qty. of earth work increase/ decreas in all cases recovered from the contracto @ 300/- (Three Hundred only) per cubic metre shall be efacted 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.		1646.58	Cum				Per cubic metre		
									Total:		

Executive Engineer,  
Shimla Rural Division,  
HPPWD Dhani



# Draft SCHEDULE OF QUANTITY

Job-2

Sl. No.		Description of work	Qty.	Unit	RATE In		AMOUNT
					Figure	Words	Rs.
Draft Schedule of Quantity							
Sr.No.	Name of work:- R.R Damages on Dhani Bainsi road KM 0/00 to 6/400 (SH-C/O R/wall in KM 0/005 to 0/020) <del>to 0/020</del>				Estimated C	479206.00	
					Earnest Mot	9600.00	
					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 erosion 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.		19.800	m <sup>3</sup>	Per Cubic meter		
2	Earthwork in excavation for all type of road structures such as retaining wall, breast wall, culvert, drain and paravents etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock chiseling, wedging out rocks (where blasting is prohibited). Dimensions and other particulars as per drawing and Technical Specification Clause 303.1 (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 excavation shall be the sole responsibility of the contractor.		49.940	m <sup>3</sup>	Per Cubic meter		
3	Providing and laying cement concrete 1:5:10 (one cement iso five sand iso 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 plumb should be 150 to 300 mm as per drawing and MORD 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		124.740	m <sup>3</sup>	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 1204.1 & 8 (one thousand two hundred four point eight), including carriage of all labour equipment and materials to various location of site through all modes of transportations in all		25.08	m <sup>3</sup>	Per Cubic meter		



## Draft SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figure	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	53.60	met Per Met er			

**Executive Engineer**  
 Shimla Rural Division  
 HPP, Dharmi



Job. 3

Name of Work: - Improvement of Banuti Dhayla Road Km. 0/00 to 1/00 (Sh: Providing W-Metal Beam Crash Barrier at Various Rds. 0/330 to 0/440)

Estimated Cost: - Rs 495989 /- 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	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	4		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 filaments 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.

Engineer in Charge  
Sd/-  
H. K. D. D. D.



28.4

**SCHEDULE OF QUANTITY**

Name of Work: - Improvement of Banuti Dhayla Road Km. 0/00 to 1/00 (Sh: Providing W-Metal Beam Crash Barrier at Various Rds. 0/220 to 0/330)

Estimated Cost: - Rs 495989/- 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	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 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.	110.00	Rmt		Per Running Metre	
0					Total:	

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

Engineer in Charge  
S. K. R. D. D. D.  
H. R. D. D. D.



508.5

### Schedule Of Quantity


Name Of Work :- R/R damages on link road to Mandhorghat Anu km. 0/00 to 5/00 (SH:- Removal of Slips at various Rds)

Estimated Cost:- 1,68,625.00.00

Earnest Money:- 3400.00

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/debris 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 action 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.	1983.82	Cum			Per Cubic Metre	
Total Rs.							

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



20.5.17

### Schedule Of Quantity

Name Of Work :- Improvement of Ghanahatti Bhajal road km. 0/00 to 14/00 (SH:-

Estimated Cost:- 4,98,849.00  
Earnest Money:- 10000.00  
Time:- One Months.

Formation defences at Rd. 6/655 to 6/717)

S.No	Description of Work	No. of Qty.		Rate		Unit	Amount
		3	4	In figures 5	In words 6		
1	2					7	8
1	Cutting in earth work in all heights and depths in all kinds of soil including saturated soil compensing 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 = 325.20 cum qty, which shall be proportionately increase/decrease as the qty. of earth work increase/ decreases in all cases recovered from the contracto <del>2360</del> <del>one hundred seventy</del> 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.	1300.8	Cum			Per cubic metre	
Total Rs.							

Executive Engineer  
Santhi Rural Divn  
HPPWD District

Job 8

### Schedule Of Quantity

Name Of Work :- Improvement of Ghanahatti Bhaial road km. 0/00 to 14/00 (SH:-

Estimated Cost:- 4,99,417.00  
Earnest Money:- 10000.00  
Time:- One Months.

Formation defences at Rd. 6/260 to 6/332)

S.No	Description of Work	No. of Qty.		Rate		Unit	Amount
				In figures	In words		
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, machines, 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. = 325.20 cum qy. which shall be proportionately increase/decrease as the qty. of earth work increase/ decreases in all cases recovered from the contracto @ 20/- (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.	1300.8	Cum			Per cubic metre	
Total Rs.							

Executive Engineer  
Shimla Rural Division  
HP PWD Dharwad



# Draft SCHEDULE OF QUANTITY

Sd/-

Description of work

Qty.

Unit

Figure

Words

AMOUNT  
Rs.

Draft Schedule of Quantity

Sr.No.

Name of work: R.R. Dhamani Khel Ka Chaurra Gayanchri road KM 0/00 to 0/600(SH:-C/O PCC Edge wall at RDs 0/130 to 0/135 & B/wall in KM 0/480 to 0/525).

Estimated C 498589.00

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 specified dimensions as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with	117.500	m <sup>3</sup>	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 chiseling wedging out rocks (where blasting is prohibited) Dimensions 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	35.500	m <sup>3</sup>	Per Cubic Metre			
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 plumb 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	129.500	m <sup>3</sup>	Per Cubic Metre			
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	92.20	metre	Per Metre			

Executive Engineer,  
Sharda Rural Division  
H.P.W.D., Dhamani



505.10

**Schedule Of Quantity**

Name Of Work :- R/R damages on Ghanahatti Bhajol road km. 0/00 to 14/435 (SH:- C/O R/wall at Rd. 4/430 to 4/452.50)

Estimated Cost:- 4,93,012.00  
Earnest Money:- 10000.00  
Time:- One Months.

S.No	Description of Work	No. of Qty.		Rate In figures	In words	Unit	Amount
		3	4				
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.	20.25	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)	51.08	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.	127.58	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.	25.65	Cum			Per cubic metre	
5	Providing and laying 100mm dia metre PVC pipe for weep holes complete of approved quality Including carriage of material within all leads and lifts.	71.85	Rmt.			Per Running Metre	
Total Rs.							

Executive Engineer  
Srinagar Rural District  
H.P.



### Schedule Of Quantity

**Name Of Work :- Improvement of black spot on Pakki Bawri Shakrah Sedan road km. 0/00**

to 5/700 (SH:- Providing W-Metal beam crash barrier at Rd. 0/400 to 0/510)

Time:- One Months.

Executive Engineer,  
Shimla Rural Division,  
HP/WD, Dhami.

Sec 8.12

**SCHEDULE OF QUANTITY**

**Name of Work: - Annual Repair and Maintenance on Devnagar Moolvari Road Km. 0/00 to 1/00 (Sh:- Construction of R-wall at Rd. 0/220 to 0/238 )**

**Estimated Cost: - Rs 364462 /- only**  
**Earnest Money : - Rs. 7000 /- 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.	19.80			Per cubic metre	
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.	95.22			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.	28.80			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.	44.40			Per Running Metre	
0	<b>Total:</b>					

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

**Executive Engineer,**  
**State Rural Division**  
**Hopod, Dharm.**



# **Draft SCHEDULE OF QUANTITY**

Jes. No. 12

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figure	Words	

Job No.

Estimated C	481712.00
Earnest Mor	9700.00
Time Limit:	Two Months.

Name of work: - Improvement of curves and providing and fixing railing and parapets on Galog Nehra Okhroo road KM 0/00 to 11/135(SH:-Providing and fixing railing W-metal crash beam barrier in various RDs). 303 No-4

1	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) as per drawing and technical specification true to lines and grades. Dimesions and other particulars as per drawing and Technical Specification Clause 305.1(Three hundred Five point One) and 1606.1(One six zero six point one) including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all lead and lifts including dressing of sides and bottom and backfilling in trenches with excavated suitable material. 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), trimming, filling of unavensess blindages and finishing of the road to specified dimensions or as directed by the	13.590 m3	Per Cubic Meter			
2	Providing and laying cement concrete work 1:2:4 (one cement: two sand: four graded stone aggregate 20mm (twenty millimeter) nominal size) in foundation and plinth, 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.	13.590 m3	Per cubic meter			
3	Providing and erecting single sided single "W" metal beam crash barrier comprising of cold formed W Profile section having thickness of 3mm (un coated thickness) with frame width of 311 mm depth 83mm and length 4318mm made of ISI Marked HR Coil conforming to IS : 5986/2011 to be fixed on cold formed channel section post of size 150 x 75 x 5 mm made of ISI Marked HR Coil conforming to IS : 5986/2011 spaced 1.5 m centre to centre of the post which will be of total 1.8 m height, 1.1 m below ground / road level and 0.70 meter above ground level. Metal beam rail to be fixed on the vertical post with spacer channel of cold formed channel section size 150 x 75 x 5 mm, 330 mm long made of ISI Marked HR Coil conforming to IS : 5986/2011. All the above components shall confirm to clause 810 of MORT&H Specifications (latest revision) including all fittings required for erection at road / site of work, spacer shall be hot dipped galvanized with zinc coating ( reaffirmed 2011 ) for bolts and nuts IS 14393/1996 (Re affirmed 2011) including carriage of all labour, equipments and materials to various location through all modes of transportation in all leads lifts and all incidental charges	110.000 m	Per Running Meter			

528.14

### Schedule Of Quantity

Name Of Work :- R/R damages on Chanahatti Parach road km. 0/00 to 1/700 (SH:- C/O R/wall at Rd. 0/450 to 0/469)

Estimated Cost:- 4,99,727.00  
Earnest Money:- 10000.00  
Time:- One Months.

S.No	Description of Work	No. of Qty.		Rate		Unit	Amount
		3	4	In figures	In words		
1	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.	24.51	Cum			Per cubic metre	8
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)	52.06	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 piddite 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.	132.810	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.	21.66	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.	18.00	Rmt.			Per Running Meter	
	Total Rs.						

Executive Engineer  
Shimla Rural Divisi  
H. P. WD Dharti



# Draft SCHEDULE OF QUANTITY

505.15

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT
				Figure	Words	Rs.

Estimated C	497453.00
Earnest Mor	9800.00
Time Limit:	Two Months.

Name of work: - Improvement of curves on Nehra Bukho road KM 0/00 to 8/00(SH:-Providing and fixing railing W-metal crash beam barrier at various RDS).Job No.-1

1	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) as per drawing and technical specification true to lines and grades. Dimesions and other particulars as per drawing and Technical Specification Clause 305.1(Three hundred Five point One) and 1606.1(One six zero six point one) including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all lead and lifts including dressing of sides and bottom and backfilling in trenches with excavated suitable material. 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), trimming, filling of unseawee blinds and finishing of the road to specified dimensions or as directed by the	19.800 m3	Per Cubic Meter			
2	Providing and laying cement concrete work 1:2:4 (one cement: two sand: four graded stone aggregate 20mm (twenty millimeter) nominal size) in foundation and plinth, 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.	19.800 m3	Per cubic meter			
3	Providing and erecting single sided single "W" metal beam crash barrier comprising of cold formed W profile section having thickness of 3mm (un coated thickness) with frame width of 311 mm depth 83mm and length 4318mm made of ISI Marked HR Coil conforming to IS : 5986/2011 to be fixed on cold formed channel section post of size 150 x 75 x 5 mm made of ISI Marked HR Coil conforming to IS : 5986/2011 spaced 1.5 m centre to centre of the post which will be of total 1.8 m height, 1.1 m below ground / road level and 0.70 meter above ground level. Metal beam rail to be fixed on the vertical post with spacer channel of cold formed channel section size 150 x 75 x 5 mm, 330 mm long made of ISI Marked HR Coil conforming to IS : 5986/2011. All the above components shall confirm to clause 810 of MORT&H Specifications (latest revision) including all fittings required for erection at road / site of work, spacer shall be hot dipped galvanized with zinc coating ( reaffirmed 2011) for bolts and nuts IS 14393/1996 (Re affirmed 2011) including carriage of all labour, equipments and materials to various location through all modes of transportation in all leads, lift and all incidental charges.	104.000 m	Per Running Meter			

28.16

### Schedule Of Quantity

Name Of Work :- Improvement of black spot on Ghanahatti Bhajol road km. 0/00 to 12/600  
(SH:- Formation cutting at Rd. 3/700 to 3/790)

Estimated Cost:- 4,99,257.00  
Earnest Money:- 10000.00  
Time:- One Months.

S.No	Description of Work	No. of Qty.		Rate		Unit	Amount
		3	4	In figures 5	In words 6		
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. 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 = 325.46 cum qty. which shall be proportionately increase/decrease as the qty. of earth work increase/ decrease 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.	1301.86	Cum			Per cubic metre	8
Total Rs.							

Executive Engineer,  
Shimla Rural Division,  
HPPWD, Dharni,



## Schedule Of Quantity

505.17

**Name of work:- Balance work G.P.S. Building Anu Tehsil Suni Distt. Shimla (HP) (SH:- C/O Brick work, and 1: 11/2 :3 concrete work thereof)**

**Estimated Cost:- 4,99,684.00**  
**Earnest Money:- 10000.00**  
**Time:- One Months.**

S.No	Description of Work	No. of Qty.		Rate In figures	In words	Unit	Amount
		3	4				
1	2 Brick work using common burnt clay building bricks in Rat Trap bond bricks masonry (on 3" edge) cavity should be broken after six layers, the course below sill and lintel to be a solid course. The masonry on the side of the opening also to be solid in cement mortar 1:4 (1 cement : 4 sand) with second class bricks upto all floor level. including carriage in all leads, lifts and as per the direction of Engineer in charge.	14.45	Cum			Per cubic metre	8
2	Form work:-Providing form work with steel plates 3.15mm (three point fifteen millimetres) thick welded with angle iron in frame 30x30x5mm (thirty into thirty into five millimetres ) so as to give a fair finish including centering, shuttering, strutting and propping etc., with wooden steel battens and ballies, height of propping and centering below supporting floor to ceiling not exceeding all heights and removal of the same for institu-reinforced concrete and plain concrete work including carriage of material up to all leads and lifts as per the direction of the Engineer-in-Charge.						
a	Beams, cantilevers, girders and lintels. i. Sides and soffits of beams, beam haunching, cantilevers, bressumers and lintels not exceeding 1 mtr. In depth in all heights from floor including carriage of material up to all leads and lifts as per the direction of the Engineer-in-Charge..	29.25	Sqm			Per Square Metre	
b	Flat surfaces such as soffits of suspended floors, roofs, landing and the like. ( i). Floor etc., up to 200mm in thickness. including carriage of material up to all leads and lifts as per the direction of the Engineer-in-Charge.	85.26	Sqm			Per Square Metre	
c	Edges of slabs and breaks in floors and walls under 20cm wide.	55.10	Rmt.			Per running metre	
3	Providing and laying cement concrete 1:1.5:3 (One cement isto one point five sand isto three graded stone aggregate 20mm (twenty millimetre) nominal size) and curing complete, mixing the material in mechanical mixture and compacting the concrete with vibrator complete excluding cost of form work and reinforcement for reinforced concrete work including carriage of material up to all leads and lifts as per the direction of the Engineer-in-Charge.						

508.17

a	Suspended floors, roofs, landings and shelves and their support balconies, beams, girders, bressumers and cantilevers up to all floor level.	26.33	Cum				Per cubic metre	
4	Providing and laying cement concrete 1:2:4 (1 cement:2 Sand:4graded stone aggregate 20mm nominal size) and curing complete excluding cost of form work in Foundation and plinth	6.00	Cum				Per cubic metre	
5	Providing mild steel/Tor steel reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level : Tor Steel up to floor all levels	1834.75	Per Kg.				Per Kilogram	
		Total Rs.						

Executive Engineer,  
Shimla Rural Division,  
HP, JMD, Dharni. *[Signature]*



# **Draft SCHEDULE OF QUANTITY**

2023.18

Sl. No.	Description of work	Qty.	Unit	RATE IN		AMOUNT
				Figure	Words	Rs.

Job No.

Estimated C	497453.00
Earnest Money	9800.00
Time Limit:	Two Months.

**Name of work: - Improvement of curves on Nehra Bukho road KM 0/00 to 8/00(SH:-Providing and fixing railing W-metal crash beam barrier at various RDS), Job No.-3**

1	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 chipping / wedging out rocks (where blasting is prohibited) as per drawing and technical specification true to lines and grades. Dimesions and other particulars as per drawing and Technical Specification Clause 305.1(Three hundred Five point One) and 1606.1(One six zero six point one) including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all lead and lifts including dressing of sides and bottom and backfilling in trenches with excavated suitable material. 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), trimming, filling of unevenness, blindages and finishing of the road to specified dimensions or as directed by the	19.800 m <sup>3</sup>	Per Cubic Meter			
2	Providing and laying cement concrete work 1:2:4 (one cement: two sand: four graded stone aggregate 20mm (twenty millimeter) nominal size) in foundation and plinth, 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.	19.800 m <sup>3</sup>	Per cubic meter			
3	Providing and erecting single sided single "W" metal beam crash barrier comprising of cold formed W Profile section having thickness of 3mm (un coated thickness) with frame width of 311 mm depth 83mm and length 4318mm made of ISI Marked HR Coil conforming to IS : 5986/2011 to be fixed on cold formed channel section post of size 150 x 75 x 5 mm made of ISI Marked HR Coil conforming to IS : 5986/2011 spaced 1.5 m centre to centre of the post which will be of total 1.8 m height, 1.1 m below ground / road level and 0.70 meter above ground level. Metal beam rail to be fixed on the vertical post with spacer channel of cold formed channel section size 150 x 75 x 5 mm, 330 mm long made of ISI Marked HR Coil conforming to IS : 5986/2011. All the above components shall confirm to clause 810 of MORT&H Specifications (latest revision) including all fittings required for erection at road / site of work, spacer shall be hot dipped galvanized with zinc coating ( reaffirmed 2011) for bolts and nuts IS 14393/1996 (Re affirmed 2011) including carriage of all labour, equipments and materials to various location through all modes of transportation in all leads lifts and all incidental charges	104.000 m	Per Running Meter			



505.19

**SCHEDULE OF QUANTITY**

Name of Work: - Restoration of rain damages on Simloh Mandhorghat Nagar via Dargi Km. 0/00 to 2/825  
 (iii) R/R of rain damages on Shananghatti Dargi Sohal Panohi Katal Road Km. 0/00 to 12/225 ( Sh:- C/o  
 R-Wall Rd. 1/500 to 1/510 and 4/360m to 4/366.80)  
 Estimated Cost: - Rs 366865 /- only  
 Earnest Money : - Rs. 7000 /-only  
 Time: - One Month

S. No.	Sub head and items of work	Qty.	Rate		Unit	Amount
			figures	In words		
1	Excavation in soil in Hilly Area by manual means including cutting and limming 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.	15.12 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.	38.14 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.	95.26 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.	19.15 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.	46.30 Rmt.			Per Running Metre	
0					Total:	

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

Executive Engineer  
 Simlo Rural District  
 HPPWD Dhami



568.20

**SCHEDULE OF QUANTITY**

**Name of Work: - Restoration of rain damages on Hiranagar Dhamoon Road Km. 0/00 to 8/00 (SH: - construction of R-Wall at RD. 3/00 to 3/015.60)**

**Estimated Cost: - Rs 499777/- 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	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.	30.26 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.	54.91 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.	131.67 Cum			Per cubic metre	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8. (1) Granular material. Including carriage of material within all leads upto leads as per the direction of Engineer-in-Charge.	21.53 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.	28.00 Rmt.			Per Running Metre	
0					<b>Total:</b>	

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

Executive Engineer  
Hiranagar Dhamoon Road  
R.D. Division

505.21

## SCHEDULE OF QUANTITY

Name of Work:- Restoration Ration damages on Hari Devi Seri Road Km. 0/00 to 7/00 ( Sh:- Construction of B-Wall at RD.

1/520 tio 1/555 )

Estimated Cost: - Rs 499902 /- 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	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.	25.20 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	53.90 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.	130.20 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.	31.50 Cum			Per Running 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 width of the structures with stop 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 Rmt.			Per Running Metre	
0					Total:	

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

Executive Engineer  
Shriya Rural Divis  
HDDWD Dharmli



**SCHEDULE OF QUANTITY**

**Name of Work:- Restoration Ration damages on Hari Devi Seri Road Km. 0/00 to 7/00 ( Sh:- Construction of B-Wall at RD. 0/870 to 0/905 )**

Estimated Cost - Rs 476785 /- 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	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.	25.20	3	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.	53.90		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 mx). Including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge.	130.20		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.	38.00		Rmt.	Per Running Metre	
0					Total:	

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

**Executive Engineer**  
Shimla Rural Divis  
H.P. Dhami

308.22

**SCHEDULE OF QUANTITY**

**Name of Work: - Restoration of Rain Damages on Hiranagar Sharog Road km. 0/00 to 5/500 (SH: - construction of R-Wall in PCC at RD. 5/0902 to 5/106 )**

**Estimated Cost: - Rs 177012/- 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	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.	15.40 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.	23.00 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.	47.50 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 stop 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.	16.40 Rmt.			Per Running Metre	
0					<b>Total:</b>	

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

**Executive Engineer**  
**Shimla Rural Divn**  
**HPPWD Dharm**



**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. 00/950 to 0/965)**

**Estimated Cost: - Rs 459089 /- only**  
**Earnest Money: - Rs. 9000 /-only**  
**Time: - One Month**

508.24

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.	119.40 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 width of the structures with stop 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					<b>Total:</b>	

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

**Executive Engineer**  
**Srinima Rural Engg.**  
**HPVVD District**

508.25

**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. 0/090 to 0/093.40)

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	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 MORO specification directed by Engineer-in-Charge.	10.10 Cum	3		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 MORO 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 width 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  
Srinagar Rural District  
Hiranagar Sharog Road



508.26

**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. 0/093.40 to 0/096.8)**

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	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 stop 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.

Exec/Asst Engineer  
Shiraha Rural Dist  
Hiranagar Sharog Road

# SCHEDULE OF QUANTITY

Name of Work:- Construction of Link Road from 16 Mile to Sedan (Shakrah) Road Km. 0/00 to 3/135  
( Sh:- Construction of R-Wall at RD. 0/841.50 to 0/852.50 ) Balance work under SPMRM

Estimated Cost: - Rs 423106 /- only  
Earnest Money: - Rs. 8000 /-only  
Time: - One Month

S. No.	Sub head and items of work	Qty.	Rate		Unit	Amount
			figures	In words		
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.	18.32 Cum	3		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.	31.68 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.	110.75 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.	20.30 Cum			Per Running 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.	69.00 Rmt.			Per Running Metre	
0					Total:	

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

Executive Engineer  
Sindhia Bazar Road  
H.P.P. Dhami

508.27



# SCHEDULE OF QUANTITY

Name of Work:- Construction of Link Road from 16 Mile to Sedan (Shakrah) Road Km. 0/00 to 3/135  
( Sh:- Construction of R-Wall at RD. 0/831 to 0/841.50) Balance work under SPMRM

Estimated Cost: - Rs 404585 /- only  
Earnest Money : - Rs. 8000 /-only  
Time: - One Month

S. No.	Sub head and items of work	Qty.	Rate		Unit	Amount
			figures	In words		
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.	17.48 Cum	4	5	6 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.	30.24 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.	105.77 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.	19.37 Cum			Per Running 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 width 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.	69.00 Rmt.			Per Running Metre	
0					Total:	

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

Executive Engineer  
Srinagar Rural District  
HP RWD Dhamra

Self. No. 28

**SCHEDULE OF QUANTITY**  
**Name of Work: - Annual Repair & Maintenance on Bagora Kalihatti Bastigunana Road Km. 0/00 to 11/675 (SH: Construction of R/Wall at Rd.10/405 to 10/420 )**

Estimated Cost: - Rs 485607 /- 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	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.	33.00 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.	42.15 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.	126.60 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.	18.90 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 stop 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.	82.65 Rmt.			Per Running Metre	
0					Total:	

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

**Executive Engineer**  
**Srinala Rural Dist**  
**HDPWD Dhenai**

506.29



505.30

**SCHEDULE OF QUANTITY**

**Name of Work: - Annual Repair & Maintenance on Bagora Kalinhatti Bastigunana Road Km. 0/00 to 11/675 (SH: 10/00 to 10/425)**

**Estimated Cost: - Rs 146540/- 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	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.	15.00	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.	10.65	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.	38.85	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.	37.60	Rmt.		Per Running Metre	
0					<b>Total:</b>	

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

**RECEIVED ENGINEER**  
**Bagora Rural District**  
**HWWD District**

## Draft SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figure	Words	
0.	<b>Name of work: - C/O Karechi Tabog road Km. 0/0 to Km. 3/00 (SH :- Providing &amp; laying soling (Gr. I) and consolidation of sub grade in Km. 0/00 to 0/750 )</b>  <b>Estimated Cost: -</b> <b>Earnest Money: -</b>					<del>419000</del> <del>244000</del> <del>175000</del> <b>2000.00</b>
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 completed as per HPPWD specification and as per MORD specification 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 leads lifts and all incidental charges.	2763.75	m2	Per square meter		One month.
2	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and re-rolling the sub-grade completed as per HPPWD specification and as per MORD specification 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 leads lifts and all incidental	2763.75	m2	Per square meter		
3	Providing, laying, spreading and compacting stone aggregates of specific sizes 90mm to 45mm (ninety millimetre to forty five millimetre ) grading-1 100mm( hundred millimetre)consolidated thick to water bound macadam specification including spreading in uniform thickness, using template, hand packing, rolling with three wheel 80-100 kN (eighty to hundred) static roller in stages to proper grade and camber, applying and brooming, stone screening type-B of size13.2mm(thirteen point two millimetre) nominal size at the rate 0.27 cum (zero point twenty seven cubic metre) and binding materials at the rate 0.08 cum (zero point six cubic metre) per 10 square metre (ten) and to fill-up the interstices of coarse aggregate, watering and compacting to the required density as per MORD Technical Specification Clause 405 by mechanical means as per direction of Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts and other incidentals	276.38	m3	Per Cubic metre		

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

303.31



## Draft SCHEDULE OF QUANTITY

508.32

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT
				Figure	Words	Rs.
				\$		
Sl. No.	Name of work: - C/O Karechi Tabog road Km. 0/0 to Km. 3/00 (SH :- Providing & laying soling (Gr. 1) and consolidation of sub grade in Km. 0/750 to 1/500)					84488661/-
0.						94462.00
						10,000/-
						20000.00
						One month.
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 completed as per HPPWD specification and as per MORD specification 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 leads lifts and all incidental charges.	2763.75	m2	Per square meter		
2	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and re-rolling the sub-grade completed as per HPPWD specification and as per MORD specification 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 leads lifts and all incidental	2763.75	m2	Per square meter		
3	Providing, laying, spreading and compacting stone aggregates of specific sizes 90mm to 45mm (ninety millimetre to forty five millimetre ) grading-1 100mm) hundred millimetre)consolidated thick to water bound macadam specification including spreading in uniform thickness, using template, hand packing, rolling with three wheel 80-100 kN (eighty to hundred) static roller in stages to proper grade and camber, applying and brooming, stone screening type-B of size 13.2mm(thirteen point two millimetre) nominal size at the rate 0.27 cum (zero point twenty seven cubic metre) and binding materials at the rate 0.08 cum (zero point zero six cubic metre) per 10 square metre (ten) and to fill-up the interstices of coarse aggregate, watering and compacting to the required density as per MORD Technical Specification Clause 405 by mechanical means as per direction of Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts and other incidentals	276.38	m3	Per Cubic metre		

Executive Engineer  
 Shimla Rural Division  
 HPPWD, Dhamsi

Name of Work: - Restoration of rain dmages on Shananghatti Dargi Sohal Katal Road Km. 0/00 to 12/255 (SH: - construction of R-Wall at RD. 6/920 to 6/943)

Estimated Cost: - Rs 493749 /- 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	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.	20.70 Cum	4	5	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.	52.21 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.	130.41 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.	26.22 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 stop 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.	13.45 Rmt.			Per Running Metre	
0					Total:	

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

EXECUTIVE ENGINEER,  
Bhilai Rural Division  
HPWD, Durgam



# Draft SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figure	Words	

Job No. :-

Name of work: -A/R & M/o to various roads under Suni Sub Division (SH:- Supplying and fixing duel directional delinator in various roads under Suni Sub Division)

1	Providing and fixing duel directional delinator conventional road beam (Indicator or impact) paistic black body of base 110*120mm and height 120 mm provision to fix over ( or base to ) curb stone with steel screws oblique surface 90*90 mm on both side laminated with high intensity prismetic yellow colour reflector C A I part no.GPL 30-20	570 No.	Eac h	Estimated C		498465.00
				Earnest Mor		10000.00
				Time Limit :		Six month.

at R N 808-2022-23

**Executive Engineer**  
Shimla Rural Division  
HP  
D. Dhanni

50534

1/25/35

809 Jan 22-23

Name of work: -A/R & M/o to various roads under Jalog Sub Division (SH:- Supplying and fixing duel directional delinator in various roads under ~~SH:- Jalog Sub Division~~ Jalog Sub Division)

Estimated Cost	498465.00
Earnest Money	10000.00
Time Limit :	Six month.

~~Executive Engineer~~  
Shimla Rural Division  
HPP, Dhami



505.36

## Schedule Of Quantity

Name of Work :- S/R to Distt. Court complex at Chakker Shimla (SH:- Dismantling toilets and Providing and Fixing floor tiles & wall tile & sanitary fitting i/e PVC pipe with fitting etc in Procecuton Branch)

Estimated Cost:- 1,25,414.00  
 Earnest Money:- 2600.00  
 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	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.	6	Cum			Per cubic metre	
2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead including carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge.	25.67	Sqm			Per Square Metre	
3	Providing and laying cement concrete 1:4:8 (1 Cement : 4 coarse sand : 8 gradedstone aggregate 40 mm nominal size) mechanical mixed and curing complete including cost of centring and shuttering in Foundation and plinths required complete including carriage of all labour equipments and materials to various location through all modes of transportation within all leads, lifts and other incidental charges.	6.14	Cum			Per cubic metre	
4	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	25.67	Sqm			Per Square Metre	

5	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	13.32	Sqm			Per Square Metre	
6	Providing and fixing vitreous china wash down water closet (Indian 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 cover to be measured and paid for separately) 10 ltr. low level flushing cistern orissa pattern 580 x 440 mm.	1.00	No			Each	
7	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required including carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge.	1.00	No			Each	
8	Providing and fixing PVC floor traps ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge	4.00	No			Each	
9	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fitting with approved adhesive 110 mm dia	12.00	Rmt.			Per Running Metre	
(ii)	75 mm dia	12.00	Rmt.			Each	
10	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.	2.00	No				
(ii)	complete including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge 110 mm dia	3.00	No			Each	
(ii)	75 mm dia	3.00	No				



11	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge	4.00	No				Each	
(ii)	75 mm dia	6.00	No				Each	
12	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete. 110 mm dia	2.00	No				Each	
(ii)	75 mm dia	3.00	No				Each	
13	Providing and fixing 15 mm dia C.P Brass bib tap with Capstan head including carriage of material within all leads and lifts and as per HPPWD specification of 1990 volume -1.	2.00	No				Each	
14	Providing and fixing C.P Brass pillar tap with capstan head C.P Brass pillar tap with capstan head 15 mm dia	2.00	No				Each	
15	Providing and fixing C.P. brass Angle cock (concealed) of standard design and of approved make conforming to IS:8931. including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge 15 mm nominal bore.	4.00	No				Each	
16	Providing and fixing C.P. Two way Angle cock (concealed) of standard design and of approved make conforming to IS:8931. including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge 15 mm nominal bore.	2.00	No.				Each	
17	Providing and fixing 100 mm sand cast Iron grating for gully trap. including carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge.	4.00	No				Each	
18	Providing and fixing P.V.C connection pipe with bras unions. 30 cm length/ 45 cm. Length. 15 mm Nominal Size. Bore	6.00	No				Each	
19	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge	2.00	No				Each	
20	Providing and fixing PTMT jet spray of approved quality and colour with 1.50 mtr. Tube. including carriage of material within all leads and lifts and as per HPPWD specification of 1990 volume- 1 and as per direction of Engineer in charge.	1.00	No				Each	
21	Providing and fixing C.P Brass waste for wash basin / Sink fittings complete. including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge	1.00	No				Each	

22	Providing and fixing plastic seat (solid / Holow type) and cover for wash down water closet with C.P. Brass hinges and rubber buffers	1.00	No			Each	
23	White Plastic seat and cover						
	Disposal of excavated earth/ morrum from work of site to dumping site.	7.28	No			Each	
	<b>Total Rs.</b>						

Executive Engineer,  
Shimla Rural Division,  
HP, P.O., Dharmi



Job. No. 37

### Schedule Of Quantity

Schedule Of Quantity							Estimated Cost:- 1,48,046.00	
Name of Work :- S/R to Distt. Court complex at Chakker Shimla (SH:- Dismantling toilets Block of Bar Counsel and Providing and Fixing floor tiles & wall tile & sanitary fitting etc.)							Earnest Money:- 3000.00	
							Time:- One Months.	
S.No	Description of Work	No. of Qty.		Rate		Unit	Amount	
				In figures	In words			
1	2 Dismantling cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.	3	6	4	5	6	7 Per cubic metre	8
2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead including carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge.		25.67	Sqm			Per Square Metre	
3	Providing and laying cement concrete 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) mechanical mixed and curing complete including cost of centing and shuttering in Foundation and plinthas required complete including carriage of all labour equipments and materials to various location through all modes of transportation within all leads, lifts and other incidental charges.		6.00	Cum			Per cubic metre	
4	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		25.67	Sqm			Per Square Metre	

5	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 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	13.32	Sqm				Per Square Metre	
6	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required ;including carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge.	2.00	No				Each	
7	Providing and fixing PVC floor traps ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge	4.00	No				Each	
8	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fitting with approved adhesive etc. 110 mm dia	15.00	Rmt.				Per Running Metre	
(ii)		15.00	Rmt.				Per Running Metre	
9	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 including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge 110 mm dia	3.00	No				Each	
(ii)		4.00	No				Each	
10	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge 110 mm dia	4.00	No				Each	
(ii)		3.00	No				Each	



11	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete. 110 mm dia	3.00	No				Each	
(ii)	75 mm dia	4.00	No				Each	
12	Providing and fixing 15 mm dia C.P Brass bib tap with Capstan head including carriage of material within all leads and lifts and as per HPPWD specification of 1990 volume -1.	2.00	No				Each	
13	Providing and fixing C.P. brass Angle cock (concealed) of standard design and of approved make conforming to IS:8931. including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge 15 mm nominal bore.	4.00	No				Each	
14	Providing and fixing C.P Brass pillar tap with capstan head C.P Brass pillar tap with capstan head 15 mm dia	2.00	No				Each	
15	Providing and fixing C.P. Two way Angle cock (concealed) of standard design and of approved make conforming to IS:8931. including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge 15 mm nominal bore.	2.00	No.				Each	
16	Providing and fixing 100 mm sand cast Iron grating for gully trap. including carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge.	4.00	No				Each	
17	Providing and fixing P.V.C connection pipe with bras unions. 30 cm length/ 45 cm. Length. 15 mm Nominal Size. Bore	6.00	No				Each	
18	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge	2.00	No				Each	
19	Providing and fixing C.P Brass waste for wash basin / Sink fittings complete. including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge	2.00	No				Each	
20	Disposal of excavated earth/ morrum from work of site to dumping site.	7.20	No				Each	
21	Providing and Fixing Curtain road of 75mm dia complete. including carriage of materials within all leads and lifts and as per. the direction of Engineer-in-Charge	45.00	No				Each	
	<b>Total Rs.</b>							

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

36.38

**SCHEDULE OF QUANTITY**

**Name of Work: - Restoration of Rain Damages on Banuti Pahal Road Km. 0/00 to 16/150 (SH: - construction of R-Wall at RD. 2/880 to 2/895.50 )**

**Estimated Cost: - Rs 496779/- 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.	30.07			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.	54.56			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.	130.38			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.	21.39			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.	38.00			Per Running Metre	
0					<b>Total:</b>	

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

Prepared by  
 Submitted by  
 H.P. VED Dhami



2024.39

### Schedule Of Quantity

Name Of Work :- R/R damages on Galog Nehra Okhroo road Km. 0/00 to 12/00 (SH:- C/O R/wall at Rd. 7/900 to 7/923)		Estimated Cost:- 4,97,242.00
		Earnest Money:- 10000.00
		Time:- One Months.

S.No	Description of Work	No. of Qty.		Rate	Unit	Amount
				In figures		
1	2	3	4	5	6	7
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.	20.7	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)	52.21	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.	130.41	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.	26.22	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.	34.00	Rmt.			Per Running Metre
		Total Rs.				

Executive Engineer  
Shri. Rakesh Chavhan  
HPWD Chavhan

7028.40

### Schedule Of Quantity

Name Of Work :- R/R damages on Galog Nehura Okhroo road Km. 0/00 to 12/00 (SH:- C/O R/wall at Rd. 6/870 to 6/893)		Estimated Cost:- 4,97,242.00
		Earnest Money:- 10000.00
		Time:- One Months.

S.No	Description of Work	No. of Qty.		Rate	In words	Unit	Amount
		3	4				
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.	20.7	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)	52.21	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.	130.41	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.	26.22	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.	34.00.	Rmt.			Per Running Metre	
		Total Rs.					

Executive Engineer:  
Shimla Rural Divisi  
HP Road Dhami



# SCHEDULE OF QUANTITY

Name of Work: - Restoration of rain damages on Banuti Pahal Road km. 0/00 to 16/150 (SH: - construction of R-Wall at RD. 15/369 to 15/376 )


Estimated Cost: - Rs 270882/- only  
Earnest Money: - Rs. 5000/- only  
Time: - One Month

S. No.	Sub head and items of work	Qty.	Rate		Unit	Amount
			figures	In words		
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.	11.66 Cum	4		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.	20.16 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 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.	70.95 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.	12.92 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.	44.00 Rmt.			Per Running Metre	
0	Total:					

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

Executive Engineer  
Shimla Rural District  
HPPWD District

3	Providing and laying cement concrete 1:1.5:3 (One cement isto one point five sand isto three graded stone aggregate 20mm (twenty millimetre) nominal size) and curing complete, mixing the material in mechanical mixture and compacting the concrete with vibrator complete excluding cost of form work and reinforcement for reinforced concrete work including carriage of material up to all leads and lifts as per the direction of the Engineer-in-Charge.					
a	Suspended floors, roofs, landings and shelves and their support balconies, beams, girders, bressumers and cantilevers up to all floor level.	26.80	Cum		Per cubic metre	
4	Providing and laying cement concrete 1:2:4 (1 cement:2 Sand:4graded stone aggregate 20mm nominal size) and curing complete excluding cost of form work in Foundation and plinth	6.00	Cum		Per cubic metre	
5	Providing mild steel/Tor steel reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level : Tor Steel up to floor all levels	1834.75	Per Kg.		Per kilogram	
Total Rs.						

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



508. No. 43

**SCHEDULE OF QUANTITY**

**Name of Work:- Annual Repair & Maintenance on Non Residential buildings under HPPWD Dharni Sub Division ( Sh: Providing & applying distempering, exterior paint and painting work in JE office at Dargi)**

Estimated Cost - Rs 154014/- 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	1	3	4	5	6	7
1	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand pepping and preparing the surface smooth including necessary repairs to scratches etc. complete	455.77 SQm			Per Square Metre	
2	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of material upto all leads and lifts as per the directions of Engineer in Charge.	455.77 SQm			Per Square Metre	
3	Distempering with oil bound washable distemper of approved brand and manufacturer to give an even shade : Old work (One or more coats) including carriage of material upto all leads and lifts as per the directions of Engineer in Charge.	124.72 SQm			Per Square Metre	
4	Finishing walls with Acrylic Smooth exterior paint of required shade : Old work ( Two or more coat applied @ 1.67 ltrs / 10 Sqm) on existing cement including carriage of material upto all leads and lifts as per the directions of Engineer in Charge	784.06 SQm			Per Square Metre	
5	Painting one coat (excluding priming coat ) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter : including carriage of material upto all leads and lifts as per the directions of Engineer in Charge With Enamel Paint other than white	35.66 SQm			Per Square Metre	
5.01	Extra over Item No. 5.00 for every subsequent coat of Paint including carriage of material upto all leads and lifts as per the directions of Engineer in Charge.	35.66 SQm			Per Square Metre	
6	Painting one coat (excluding priming coat ) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter sand pepping and stopping with Enamel Paint other than white	159.60 SQm			Per Square Metre	
6.01	Extra over Item No. 6.00 for every subsequent coat of Paint including carriage of material upto all leads and lifts as per the directions of Engineer in Charge.	159.60 SQm			Per Square Metre	
7	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement to various capacity and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank. 1000 Litre including carriage of material upto all leads and lifts as per the directions of Engineer in Charge	1000.00 Ltrs.			Per Liter	
0					Total:	

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

Executive Engineer  
Sharda Rural Division  
HPPWD Dharni

# Draft SCHEDULE OF QUANTITY

Serial No. 44

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figure s	Words	
Draft Schedule of Quantity						
Sr.No.	Name of work:- <del>RR &amp; MO</del> to Galog Nehra Okhru road KM 0/0 to 12/00 (SH:-Cutting in various RDs B/W KM 5/025 to 5/070 & 5/210 to 5/225).			Estimated Cost	252356.00	
				Earnest Money	5100.00	
				Time limit :-	Two Month.	
1	Excavation in earthwork in hilly area all heights 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	1173.750	m3	Per Cubic metre		
excavation of useful stone that is 35-71 cubic meter in all areas falling within @ Durban						

Executive Engineer  
Shimla Rural Division  
HP  
MD, Dharmi



Tab. No. 45

### Schedule Of Quantity

Name Of Work :- C/O link road to pandoa Temple km. 0/00 to 0/500 (SH:- C/O R/wall & B/wall & Parapets at various Rds.)		Estimated Cost:- 2,86,625.00
		Earnest Money:- 10000.00
		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.	16.64	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)	30.8	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 pildite 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.	41.930	Cum			Per cubic metre	
4	Stone masonry in cement mortar for substructure complete as per drawing & technical specifications clause 702, 704, 1202 & 1204 R/R masonry in cement mortar (1:6) including carriage of materials with in all leads and lifts as per direction of the Engineer-in-Charge.	30.460	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.	37.00	Rmt.			Per Running Meter	
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.	12.96	Cum			Per cubic metre	
Total Rs.							

Executive Engineer  
Shri Ravi Datta  
HPPWD Dhamra  
377


705.46

### Schedule Of Quantity

Name Of Work :- C/O Karyali to Khoon road km. 0/00 to 0/420 (SH:- P/L G-I, G-III, in km. 0/00 to 0/420) )

Estimated Cost:- 4,94,423.00  
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	Preparation of sub grade by dressing to combor (Earth work for the cutting involved for sub-grade to be paid for separately depending upon the classification of soil completed as per HP, PWD specifications.	1270.5	Sqm			Per Square Metre	
2	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and rerolling the sub-grade completed as per HP, PWD specifications	1270.5	Sqm			Per Square Metre	
3	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 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	158.810	Cum			Per cubic metre	
4	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.	110.88	Cum			Per cubic metre	
Total Rs.							

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



508.47

### Schedule Of Quantity

Name Of Work :- C/O Karyali to Khoon road km. 0/00 to 0/420 (SH:- P/L Metalling and tarring work in km. 0/00 to 0/420 )						Estimated Cost:- 4,85,100.00
						Earnest Money:- 9700.00
						Time:- One Months.

S.No	Description of Work	No.of Qty.		Rate	In words	Unit	Amount
		3	4	In figures	6	7	8
1	2						
1	Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning the road surface with hydraulic broom and spraying primer at ther ate 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.	1108.8	Sqm			Per Square Metre	
2	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 bitumenous 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.	1108.8	Sqm			Per Square Metre	

3	Providing & laying 25mm thick Bituminous concrete with 100-120 TPH capacity batch type Hot Mix Plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 5.40 to 5.60 percent of mix and filler, transporting the hot mix to site of work, laying with a Hydrostatic paver finisher with sensor control to the required grade, level and alignment and rolling with smooth wheeled vibratory and tandem rollers to achieve the desired compaction as per MORT&H Specification Clause No. 508. including entire carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge. The work Should be Executed as per Job Mix formula approved by the department. The rate should be quoted accordingly. nothing extra shall be applicable on this account.	27.720	Cum						
	Total Rs.								

Executive Engineer,  
 Spanta Rural Division,  
 HPPWD. Dhami, *Am*



505.No. 48

### SCHEDULE OF QUANTITY

Name of work:- Improvement of curves on Ghanahatti Bhajol road Km. 0/00 to 14/370 (SH: - Curve Cutting in various RD's B/w Km. 6/030 to 6/190)

Estimated Cost: - Rs 485587 /- only  
Earnest Money :- Rs. 10000 /-only  
Time- One Month

S.No.	Sub head and items of work	Qty.	In figure	Rate		Unit	Amount
				In words			
1	2	3				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 sixth of SR and one third of HR = 63.89 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.	2555.72	Cum			Per cubic metre	
						Total:	

Executive Engineer  
Shimla Rural Division,  
HP PWD Dhani

70649

### Schedule Of Quantity


Name Of Work :- R/R damages on link road to Mandrach km. 0/00 to 2/260 (SH:- Removal of Slips at various Rds)

Estimated Cost:- 1,61,602.00.00

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	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/debris upto identified 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 action of 1990 volume-1 and direction of Engineer-in-charge including carriage of material within all leads and lifts as per HP. PWD., specification of 1990 volume-1 and direction of Engineer-in-charge.	1901.20	Cum				Per Cubic Metre	
Total Rs.								

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



# Draft SCHEDULE OF QUANTITY

308.50

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 Hiranagar Jutogh road KM 0/00 to 1/200(SH:-C/O B/wall in KM 0/540 to 0/552)Balance work.	Estimated Cost: -					140514.00
		Earnest Money: -					2000.00
		Time limit :-					Two Month
1	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	36.000	m3	Per Cubi			
2	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.	12.00	met	Per Met			
3	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.	17.28	m3	Per Cubi			
				Met			

Executive Engineer  
Shimla Rural Division  
HPP, Dhani

### Schedule Of Quantity

**Name Of Work :- R/R damages on M/LA Crossing to Twai More road km. 0/00 to 1/630**  
**(SH:- C/O R/wall at Rd. 0/808 to 0/816)**

**Estimated Cost:- 3,79,176.00**

**Earnest Money:- 7600.00**

**Time:- One Months.**

S.No	Description of Work	No. of Qty.		Rate	In figures	In words	Unit	Amount
		3	4					
1	2							
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.	12	Cum				Per cubic metre	8
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)	15.84	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 :- (1:4:8) ( One cement : four sand : eight 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.	71.76	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.	9.12	Cum				Per cubic metre	
5	Providing and laying 100mm dia metre PVC pipe for winch holes complete of approved quality including carriage of material within all leads and lifts.	44.00	Rmt.				Per Running Metre	
Total Rs.								

**Executive Engineer,**  
**Bahmna Rural Division,**  
**HPWD, Dharm**



Sub. 59

### Schedule Of Quantity

Name Of Work :- R/R damages on MLA Crossing to Twai More road km. 0/00 to 1/630  
(SH:- C/O R/wall at Rd. 0/800 to 0/808)

Estimated Cost:- 3,79,176.00

Earnest Money:- 7600.00

Time:- One Months.

S.No	Description of Work	No. of Qty.		Rate In figures	In words	Unit	Amount
		3	4				
1	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.	12	Cum	5		Per cubic metre	8
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)	15.84	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 :- (1:4:8) ( One cement : four sand : eight 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.	71.76	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.	9.12	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.	44.00	Rmt.			Per Running Metre	
Total Rs.							

Executive Engineer,  
Bhakra Rural Division  
H.P. Road, Dharam

105.53

### Schedule Of Quantity

Name Of Work :- R/R damages on Paughat to Shal Chanog road km. 0/00 to 7/300 (SH:- C/O R/wall at Rd. 7/190 to 7/205)

Estimated Cost:- 4,59,846.00  
Earnest Money:- 9200.00  
Time:- One Months.

S.No	Description of Work	No. of Qty.		Rate	In figures	In words	Unit	Amount
		3	4					
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.	13.5	Cum				Per cubic metre	8
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)	34.05	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 :- (1:4:8) (One cement : four sand : eight 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.	85.05	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.	17.10	Cum				Per cubic metre	
5	Providing and laying 100mm dia metre PVC pipe for wheel holes complete of approved quality Including carriage of material within all leads and lifts.	51.40	Rmt.				Per Running Metre	
		Total Rs						

Executive Engineer,  
Sahitya/Rural Division  
H.P. (R.D.), Dharm



Scd. No. 54

**Schedule Of Quantity**

**Name Of Work :- R/R damages on Shimla Nalagarh road km. 7/00 to 22/00 (SH:- C/O R/wall at Rd. 8/765 to 8/775)**

**Estimated Cost:- 2,17,491.00**

**Earnest Money:- 4400.00**

**Time:- One Months.**

S.No	Description of Work	No. of Qty.		Rate		Unit	Amount
				In figures	In words		
1	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.	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.	9	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)	22.7	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.	56.70	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.	23.00	Rmt.			Per Running Metre	
5	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.	11.40	Cum			Per cubic metre	
		Total Rs.					

**Executive Engineer  
Shimla Rural Divisi  
HPPWD Dharm**



505.55

**SCHEDULE OF QUANTITY**

**Name of Work: - Restoration of Rain Damages on Simoh Mandhorghat Nagar via Dargi Road 0/00 to 2/825 (Sh: C/o B-Wall at Rd. 0/600 to 0/615) and Cutting for improvement of road in km. 0/00 to 1/00)**

**Estimated Cost: - Rs 396438 /- only**  
**Earnest Money: - Rs. 8000 /-only**  
**Time: - One Month**

		2			3	Rate		Unit	Amount
			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 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.= 50.50 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.	1262.45	Cum			Per cubic metre			
2	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.	15.00	Cum			Per cubic metre			
3	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.	10.65	Cum			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.	38.85	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.	22.35	Rmt.				Per Running Metre	
0							Total:	

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

1105

Executive Engineer  
Srinagar Rural District  
HPWD District

Job. 6

Q/b

**SCHEDULE OF QUANTITY**

Name of Work:- ~~AFR & MGD~~ Kanauri to Hanuman Mandir Road Km. 0/00 to 0/850 ( SH: Construction of B-Wall at Rd. 0/810 to 0/840)

Estimated Cost: - Rs 281503 /- only  
Earnest Money: - Rs. 6000 /- only  
Time: - One Month

S. No.	Sub head and items of work	Qty.	Rate		Unit	Amount
			figures	In words		
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.	30.00	3	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.	21.30		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.	77.70		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 width 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.	7.10		Rmt.	Per Running Metre	
0					Total:	

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

For MORD Engineer  
Signature  
MORD Engineer



Job No. 42

### Schedule Of Quantity

Name of work:- Balance work G.P.S. Building Mandrech Tehsil Suni Distt. Shimla (HP) (SH:-  
C/O Brick work, and 1: 11/2 : 3 concrete work thereof)

Estimated Cost:- 4,99,819.00  
Earnest Money:- 10000.00  
Time:- One Months.

S.No	Description of Work	No. of Qty.		Rate In figures	In words	Unit	Amount
		3	4				
1	2	13.97	Cum	5	Rupees NIL Only	7 Per cubic metre	
1	Brick work using common burnt clay building bricks in Rat Trap bond bricks masonry (on 3" edge) cavity should be broken after six layers, the course below sill and lintel to be a solid course. The masonry on the side of the opening also to be solid in cement mortar 1:4 (1 cement : 4 sand) with second class bricks upto all floor level, including carriage in all leads, lifts and as per the direction of Engineer in charge.						
2	Form work:-Providing form work with steel plates 3.15mm (three point fifteen millimetres) thick welded with angle iron in frame 30x30x5mm (thirty into thirty into five millimetres ) so as to give a fair finish including centering, shuttering, strutting and propping etc., with wooden steel battens and ballies, height of propping and centering below supporting floor to ceiling not exceeding all heights and removal of the same for insitu-reinforced concrete and plain concrete work including carriage of material up to all leads and lifts as per the direction of the Engineer-in-Charge.						
a	Beams, cantilevers, girders and lintels. i. Sides and soffits of beams, beam haunching, cantilevers, bressumers and lintels not exceeding 1 mtr. In depth in all heights from floor including carriage of material up to all leads and lifts as per the direction of the Engineer-in-Charge..	28.95	Sqm			Per Square Metre	
b	Flat surfaces such as soffits of suspended floors, roofs, landing and the like. ( i). Floor etc., up to 200mm. in thickness, including carriage of material up to all leads and lifts as per the direction of the Engineer-in-Charge.	85.26	Sqm			Per Square Metre	
c	Edges of slabs and breaks in floors and walls under 20cm wide.	55.10	Rmt			Per running metre	