Himachal Pradesh Public Works Department

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

17996

Dated: - 29-09-2022

To

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 Dham

HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT

NOTICE INVITING TENDER Sealed item rate tenders on PWD Form 6 & 8 are hereby invited by the

Executive Engineer Shimla Rural Division H.P.P.W.D. Dhami on behalf of Governor of Himachal Pradeck 6 Pradesh for the followings works from the eligible contractors enlisted in H.P.PWD. (B&R) whose registration stood renewed as per revised rules and also registered under the H.P. General Sales Tax Act 1968 so as to reach in this office on before 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 each 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 dept 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	Impprovement 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/-
	R.R Damages on Dhami bainsh road KM 0/00 to 6/400 (SH:- C/O R/wall In KI 0/005 to 0/020 & 0/030 to 0/040)	M. Rs. M 479206 /-	Rs. 9600 /-	Two Month	Rs. 350/-
3 1 (I	Improvement of Banuti Dhyala Road Km 0/00 to 1/00 (SH:- Providing W-Meta Beam Crash Barrier at Various Rds 0/330 to 0/440)	al 495989 /-	Rs. 10000 /-	One Month	Rs. 350/-
0 B 0	Improvement of Banuti Dhyala Road Km 0/00 to 1/00 (SH:- Providing W-Meta Beam Crash barrier at Various Rds /220 to 0/330)	1 495989 /-	Rs. 1000 /-	One Month	Rs. 350/-
M (S	/R damages on link road to andhoreghat Anu km. 0/00 to 5/00 H:- Removal of Slips at various Rds)	168625/-	Rs 3400 /-	One Month	Rs. 350/-
kn B-v	O Kanauri to Hanuman mandir road n.0/00 to 0/850 (SH:- Construction of wall at Rd. 0/810 to 0/840)	281503 /-	Rs. 6000 /-	One Month	Rs. 350/-
defe	provement of Ghanahatti Bhajol road . 0/00 to 14/00 (SH:- Formation ences at Rd. 6/665 to 6/717)	498849/-	Rs. 10000/-	One Month	Rs. 350/-
defe C/O	orovement of Ghanahatti Bhajol road 0/00 to 14/00 (SH:- Formation ences at Rd. 6/260 to 6/320 on Khel Ka Chaunra Gayanchri road	Rs. 499417 /-	Rs. 10000/-	One Month	Rs. 350/-
wall KM 0	at RDs 0/130 to 0/135 & b/wall in 0/480 to 0/525).	Rs. 498589/-	Rs. 10000/-	Two Month	Rs. 350/-
Rd. 4	damages on Ghanahatti Bhajol road 0/00 to 14/435 (SH:- C/O R/Wall at /430 to 4/452.50) ovement of black spot on Pakki	493012/-	Rs. 10000/-	One Month	Rs. 350/-
awri	Sharrah Codes 11		Rs. 10000/-	One Month	Rs. 350/-

1	5/700 (SH:- Providing W-Metal beam crash barrier at Rd 0/400 to 2007)				:
-	19 14	1			
1 1	Annual Repair and Maintenanceon	Rs.	Rs.	One	De
1	devnager Mooking B		7000/-	Month	Rs.
	1/00 (SH:- Construction of R-wall at	304402/-	70007	MOIIII	350/-
1	Rd.0/220 to 0/238)				
-	improvement of curries and	Rs.	Rs.	Two	Rs.
- 1	fixing railing and parapets on Galog	481712/-	9700/-	month	
1.	Nehra Okhroo road Km 0/00 to 11/135	, 401/12/-	3,00,	month	350/-
					1
1.					1
1 -	1 1 udilidues on Chan-1	Rs.	Rs.	One	Rs.
1		499727/-	10000/-	Month	
15			10000/-	Month	350/-
1.	Improvement of curves on N-1	D-		T.	-
			Rs.	Two	Rs.
	I I I I I I I I I I I I I I I I I I I	497453 /-	9800 /-	Month	350/-
-	The second secon				
16	improvement of black and	P	1		
	1 1000 KIII 11/1111 to 10/600 /0**	Rs	Rs.	One	Rs.
	Culling at Dd 2/700	499257/-	10000/-	Month	350/-
	3/790) at Rd. 3/700 to	1		1	
17	- Carried Work (TPS Building A m t	D			
	Dist. Silimia (HP) (Str. C/O D.: 1	Rs.	Rs.	One	Rs.
	work ,and 1: 11/2:3 concrete wrok	499684/-	10000/-	Month	350/-
	thereof)				
18					
1	road KM 0/00 to 8/00 (SH:- Providing	Rs.	Rs.	Two	Rs.
1	and railing beam barrier at various Rds).	497453/-	9800 /-	Month	350/-
	Job No3		1		
19		-			
	Mandhoreghat Nagar via dargi Km. 0/00		Rs.	One	Rs.
	to 2/825 (II) P/P of Doi: 1	366865/-	7000/-	Month	350/-
	to 2/825 (II) R/R of Rain damages on Shananghatti Dargi Sohal Katal Road	*			
	km 0/00 to 10/005 (or 0/0 7		1		ŀ
	km. 0/00 to 12/225 (SH;- C/O R- Wall Rd. 1/500 to 1/510 and 4/260		1		
	Rd. 1/500 to 1/510 and 4/360m to 4/366.80)				
20				-	1
20	Restoration of rain damages on Hira	Rs.	Rs.	One	Rs.
	Nagar Dhamoon Road Km. 0/00 to 8/00	499777/-	10000/-	Month	
	(SH:- construction of R-wall at RD, 3/00)	-10		MOHUI	350/-
01	10 3/015.60)		1		
21	Restoration Ration damages on haridevi	Rs.	Rs.		
	Sen Road Km. 0/00 to 7/00/SH-	499902/-	10000/-	One	Rs.
	Construction of B-wall at RD. 1/520 to		10000/-	Month	350/-
	1/555)				
22	Restoration damages on Hari Devi Seri	Rs.	D		
	Road Km. 0/00 to 7/00 (SH:-		Rs.	One	Rs.
	Construction of B-wall at Rd. 0/870 to	476785/-	10000/-	Month	350/-
- 1	0/905)		1		
3.	Postoretien C : 1	D .			
	Nager Sharog Pood V- 0/00 to 5 to 5	Rs.	Rs.	One	Rs.
	Nager Sharog Road Km. 0/00 to 5/500	177012/-	4000/-	Month	350/-
.5.	(SH:- Construction of R-wall in PCC at			powahli wakini waki	300/-
	Rd. 5/0902 to 5/106)	Control of the Contro	D-		
4	Construction of Banuti to Dhayla Road	Rs.	KS.	l lma	I D
4	Construction of Banuti to Dhayla Road km. 0/00 to 1/00 (SH:- Construction of		Rs.	One	Rs.
4	Construction of Banuti to Dhayla Road km. 0/00 to 1/00 (SH:- Construction of	Rs. 459089/-	9000/-	Month	Rs. 350/-
4	Construction of Banuti to Dhayla Road km. 0/00 to 1/00 (SH:- Construction of R-wall at Rd. 00/950 to 0/965)	459089/-	9000/-	Month	350/-
4 1 1 1 1 1 1 1 1 1	Construction of Banuti to Dhayla Road km. 0/00 to 1/00 (SH:- Construction of R-wall at Rd. 00/950 to 0/965) Restoration of rain damages on Hira	459089/- Rs.	9000/- Rs.	Month One	
4 1 1 1 1 1 1 1 1 1	Construction of Banuti to Dhayla Road km. 0/00 to 1/00 (SH:- Construction of R-wall at Rd. 00/950 to 0/965) Restoration of rain damages on Hira Nager Sharog Road km. 0/00 to 5/00	459089/-	9000/-	Month	350/-
4 1 1 1 1 1 1 1 1 1	Construction of Banuti to Dhayla Road km. 0/00 to 1/00 (SH:- Construction of R-wall at Rd. 00/950 to 0/965) Restoration of rain damages on Hira	459089/- Rs.	9000/- Rs.	Month One	350/- Rs.

	Restoration of rain damages on Hira Nagar Sharog Road Km. 0/00 to 5/00 (SH:- Construction of R-wall at Rd.			One Month	Rs. 350/-		
	0/093.40 to 0/096.8) 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. 8000/-	One Month	Rs. 350/	-	
1	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/		
2	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		Rs. 146540/-	Rs. 3000/-	One Month		0/-	
31		Rs. 498866/-	Rs. 10000/-	One Month		0/-	
32			Rs. 10000/-	One Month		50/-	
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 Mont	h 3	s. 50/-	
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/-	mont	th 3	Rs. 350/-	
35		498465/-	Rs. 10000/	Six mon	31.2	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)	125414/-	Rs. 2600/-	One		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.)	mimla (SH:- Dismantling toilets block of ar Counsel and providing and fixing or tiles & wall tile & sanitary fitting c.) R damages on Banooti Pahal road Km. Rs. Rs. One 3000 to 16/150 (SH:- C/O R-wall at Rd. 496779/- 880 to 2/895.50)		One Mo			
8	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)			e onth			
9	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)		10000	/- Or Mo	ne onth	Rs. 350/-	
	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)		2 Rs. 10000	O ₁ O ₁ M	ne onth	Rs. 350/	
	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. 5000/	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ne lonth	Rs. 350/	

Balance work G.P.S. building Mandred Tehsil Sunni Distt. Shimla (SH:- C/ Brick work and 1:11/2:3 concrete work	0 4990197	Rs. 10000/-	Month	Rs. 350/-
43 A/R & M/O on non residential buildir under HPPWD Dhami Sub Division (SH Providing & applying distemperin exterior paint and painting work in J	:- 154014/-	Rs. 10000/-	One Month	Rs. 350/-
office at Dargi) 44 Improvement of Galog Nehra Okhroo roakm. 0/00 to 12/00 (SH:- Cutting invarious Rds B/w Km. 5/025 to 5/070	n 252356/-	Rs. 5100/-	Two , Months	Rs. 350/-
5/210 to 5/225 45 C/O link road to Pandoa Temple Kn 0/00 to 0/500 (SH:- C/O R/wall	ı. Rs.	Rs. 10000/-	One Month	Rs. 350/-
B/wall & parapets at various Rds.) 46 C/O Karyali Khoon road Km. 0/00 t 0/420 [SH:- P/L G-1, G-III in Km. 0/0	o Rs. 0 494423/-	Rs. 10000/-	One Month	Rs. 350/-
to 0/420) 47 C/O Karyali Khoon road Km. 0/00 t 0/420 (SH:- P/L metalling & Tarrin work in Km. 0/00 to 0/420)G-1, G-III i	g 485100/-	Rs. 9700/-	One Month	Rs. 350/-
Km. 0/00 to 0/420) 48 Improvement of Curves on Ghanahatt Bhajol road Km. 0/00 to 14/370(SH: Curve Cutting in various Res B/w Km 6/030 to 6/190)	- 485587/-	Rs. 10000/-	One Month	Rs. 350/-
49 R/R damages on link road to Mandreck Km. 0/00 to 2/260 (SH:- Removal of slipe 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. 1 140514/-	Rs. 2000/-	One Month	Rs. 350/-
51 R/R damages on MLA Crossing to Taw More road Km. 0/00 to 1/630 (SH:- C/C R/wall at Rd. 0/808 to 0/816)	i Rs. 379176/-	Rs. 7600/-	One Month	Rs. 350/-
52 R/R damages on MLA Crossing to Taw More road Km. 0/00 to 1/630 (SH:- C/C R/wall at Rd. 0/800 to 0/808)	379176/-	Rs. 7600/-	One Month	
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. 4400/-	One Month	Rs. 350/-
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)	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. Dhami

No: PW-SRDD-CB-CTR / 2022- 17984-95 Dated: 29-09-2022

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

The Superintending Engineer 4th Circle HPPWD Shimla-3.

2. The all Assistant Engineer working under this division for information and necessary action.

3. All the heads of the branches in this office.

Notice Board.

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

Certificate

No.PW-SRDD-CB-CTR/2022-17934-95 dated 29-09-15 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. Dhami.

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	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 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 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 mechanized means along with its leveling fine dressing and all lobour. 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.	1.	I Sub head and items of work	S.No.	Sh:- Cutting at RD's B/w km. 1/965 to 2/090)	Name of work:- Improve
	oil 1646.51 ng		Qty.	1	t Road Km. 0/00 to 20/600 (Estimated Cost: - Rs 495061 /- Earnest Money: - Rs. 10000 /-	TITY
		In figure			20/600 (
		In words	Rate	Time- One Month	Estimated Cost: - Rs 495061 /- Earnest Money: - Rs. 10000 /-only	
Total:	Per cubic metre	6	Unit	nth	t: - Rs 49 /:- Rs. 1	
		7	Amount		5061 /- 0000 /-only	

Executive Engineer,
Shimla Rural Division,
HPPWD Dhami

Draft SCHEDULE OF QUANTITY

Jas. 1

No. Sr.No. • of all labour equipment and materials to various location of site through all modes of transportations in all Backfilling of Granular material behind abutment, wing wall and return wall, breast walls, retaining walls Providing and Laving coment concrete 1:5:10 (one coment isto five sand isto ten graded stone aggregate specification clause 1204 18 (one thousand two hundred four point three point eight), including carriage and parapets up to all heights, depths and levels complete as per drawings and MORD technical HPPWD technical MORD specifications 800 & 1200 (eight zero zero & one two zero zero) & as concrete in retaining walls, breast walls, the size of plum should be 150 to 500 mm as per drawing and 40mm) and mechanical mixed, vibrated and curing complete including the cost of farmwork for plain manners to dumping site ito be arranged by the contractor) or as directed by the Engineer-in-Charge. Any Earthwork in excavation for all type of road structures such as retaining wall, breast wall, culvert, drain Excavation in soil in Hilly Area by mechanical means including cutting and trimming of side slopes and useful for construction at suitable sites and safe disposal of unserviceable excavated materials in specified damage to hill side, water pollutions etc., and to protect stability of hill side rock. Stacking of materials excavation by blasting shall be carried out by taking all necessary precautions against soil erosions. specified manners, trimming, filling of unevenness blindages and finishing of the road to specified materials useful for construction at suitable sites and sale disposal of unserviceable cut materials in elevations and levels as shown on the drawing or as directed by the Engineer-in- Charge. Stacking of including task executation shall be carried out true to lines, grades, side slopes, width, camber super executed with chiseling, wedging out rock, where blasting is prohibited). All earth work in excavation crossions, damage to hill side, water pollutions etc., and to protect stability of hill side rock work shall be work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil various location of site through all modes of transportations in all lead. Ifft and all incidental charges, all zero three point one) and MORD specification including carriage of all labour equipment and materials to disposing of excavated earth with in all lead and lift as per Technical Specification Clause 1603.1(one six transming filling of unevenness blindages and finishing of the road to specified dimensions. All work of including dressing of sides and bottom and backfilling in trenches with exeavated suitable material, construction of sharing and bracing, removal of stumps and other deleterious inaterial and its disposal drawing and Technical Specification Clause 305.1(Three hundred Five point One) including setting out and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock irected by the I number and harve including carriage of materials with in all leads and lifts and other wedging out tooks (where blasting is prohibeted). Dimesions and other particulars as per Name of work:-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) a 6/030 Estimated C to ofelial Description of work Draft Shedule of Quantity 124.740 m3 25.08 m3 19.940 m3 19.800 m3 Met Cubi Met Per metr Cubi Unit Figure RATE In Earnest Mou Time limit: Words AMOUNT Two Month 479206.00 9600.00

Draft SCHEDULE OF QUANTITY

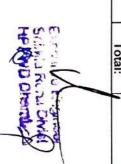
5	No.	
Providing weep holes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia PVC pipe extending through the full width of the structure with slope of 1:20 (One verticle isto twenty horizontal) towards drawing face complete 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-	Description of work	
53.60 met Per Met	Qty. Unit	
-	Fig	
	RATE In ure Words	
	AMOUNT Rs.	

Executive Engineer Shimla Rural Division HPPWD, Dhami

SCHEDULE OF QUANTITY

Name of Work: - Improvement of Banuti Dhayla Road Km. 0/00 to 1/00 (Sh: Providing W-Metal Beam Crash Barrier | Estimated Cost: - Rs 495989 /- only |
Earnest Money: - Rs. 10000 /-only

Earthwork in excavation for structure including setting out, construction of material and disposal upto all leads a with excavated suitabale material as perioding and laying cement concrete drawing and technical specification nominal mix 20mm) Including carrial Engineer-in-Charge. Providing and erecting a "W"metal tengineer-in-Charge. Providing and erecting a "W"metal be galvanised by hot dip process, all the galvanised by hot dip process, all the galvanised by hot dip intensity grawith mechanical means with high visits spot point and narrow curve etc.		at various rus. disso to vitte)		Ş	05			Time: - One
	Şγ	Sub head and items of work		Qty.	.1	figures	.1	figures
		22	- 1	ယ				4
		thwork in excavation for structures as per drawing and technical specifications Clause 305.1 uding setting out, construction of shoring and bracing, removal of stumps and other deleterious terial and disposal upto all leads and lifts dressing of sides and bottom and backfilling in trenches excavated suitabale material as per MORD specification directed by Engineer-in-Charge.	5	12.47 (2.47 Cum			
		viding and laying cement concrete for Plan / reinforced conc. In open foundation complete as per wing and technical specification clause - 802,803,1202 & 1203.in P.C.C grade M-20 (1.2.4. ninal mix 20mm) Including carriage of material upto all leads and lifts as per the directions of jineer-in-Charge.	5	2.47	12.47 Cum	2.47 Cum	2.47 Cum	2.47 Cum Per cubic metre
		viding and erecting a "W"metal beam crash barrier comprisingof 3mm thick corrugated sheet cal rail 70 cm. above road/ground level fixed on GI Sheet channel vertical post 150x75x5 mm ced 1.5 m center to center,1.8 m high,1.1 m below ground /road level, all steel part and fitments to galvanised by hot dip process, all fitting to conferms to IS:1367 and Is:1364 metal beam rail to be d on the vertical post with a spacer of channel section 150x75x5mm,330mm long complete as per use 810 including high intensity grade all weather proof reflective sheeting multi colour tape fixed mechanical means with high visible(cautionary) from long distance i.e. in fog prone area, black t point and narrow curve etc.		110.00 F	10.00 Rmt			



SCHEDULE OF QUANTITY

Name of Work: - Improvement of Banuti Dhayla Road Km. 0/00 to 1/00 (Sh: Providing W-Metal Beam Crash Barrier | Estimated Cost: - Rs 495989 /- only | Earnest Money : - Rs. 10000 /- only | Time: - One Month

'n	No.	-	_	2	ω	5
Sub head and items of work		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 suitabale material as per MORD specification directed by Engineer-in-Charge.	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.	Providing and erecting a "W"metal beam crash barrier comprisingof 3mm thick corrugated sheet metal rail 70 cm. above road/ground level fixed on GI Sheet channel vertical post 150x75x5 mm spaced 1.5 m center to center, 1.8 m high, 1.1 m below ground /road level, all steel part and fitments to be galvanised by hot dip process, all fitting to conferms 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.	
Qty.		3	12.47	12.47 (110.00	
-	fic		Cum	Cum	Rmt	+
70	figures In words	4				-
Rate	n words	5				
Unit		6	Per cubic metre	Per cubic metre	Per Running Metre	
Amount		7				



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Total Rs.	Removal of slips/land slides in hilly area in all height and depth in all kind of soil such as ordinary soil, ordinary rock and hard rock including blasting (If required) by mechanical means including cutting and trimming of slopes and disposal of cut // unserviceable materials/debries upto indentified dumping site within all lead and lift as per technical specification 302.3 5 and 1611. including stacking of serviceable material on road side and neatly dressed the road surface as per direction of the Engineer-in-charge. In case any of damages to govt/Private property took place, the contractor shall be liable for it and cost of repair/ restoration will be born/duly compensated by the contractor ation of 1990 volume-I and direction of Engineer-in-charge including carriage of material within all leads and lifts asn as per HP. PWD., specification of 1990 volume-I and direction of Engineer-in-charge.	1 2 3 4 5 6 7	In figures In words	S.No Description of Work No.of Qty. Rate Unit	دا	Name Of Work:- R/R damages on link road to Mandhorghat Anu km. 0/00 to 5/00 (SH:- Removal of Slips Earnest	Schedule Of Quantity Estimate
tal Rs.	Per Cubic Metre	7		Unit	دا		Estimated
1		8		Amount	Time:- One Months.	Earnest Money:- 3400.00	Estimated Cost:- 1,68,625.00.00

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

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Schedule Of Quantity Name Of Work:- Improvement of Ghanahatti Bhajal road km. 0/00 to 14/00 (SH:- Formation defences at Rd. 6/655 to 6/717) SNO Description of Work Time:- One Months. Curing in earth work in all heights and depths in all kinds of soil including staturated soil comprising of feek, lumper, blusting is probabled, but their with classifing wedging out frock processing between and level is all kinds of soil including between and level is all kinds of soil including between and level is all kinds of soil including between and level is all kinds of soil including between and level is all kinds of soil including to stating work who in soil and a hard rock signs of the required line, pubes a dist adopted in the soil including between and level is all kinds of soil including to stating work who in soil and and hard rock signs of the required including between and level is all kinds of soil including to stating work who is soil and and hard rock signs of the required including between and level is an all season on the drawing as directed by the Englister-in-Curing Microcyl Volume-1 lip PMD specifications of 1900 (One thousand Niter humber) between and service in the captured with of round or on approved their disposing of simplifies excessing and all bown of the metal familiarity densities and level if it is required. In additional control of the metal in metals and level if it is required. In the cost of useful materials and stelling in rock ways. In additional control of the metal in metals and level if it is required. In the cost of useful materials and stelling in rock ways. In additional control of the metal in metals and level if it is required. In the cost of useful materials and heaving it is required. In the cost of useful materials and level if it is required. In the cost of the metal and level if it is required. In the cost of the metal and level is a stelling to the cost of the metals and level it is required. In the cost of the metals and level is an additional to the metals and level					3	+		
mation defences at Rd. 6/655 to 6/717) Moof Qy: Rate		Schedule	Of Onant	it			Estimated	Cost:- 4,98,849.00
mation defences at Rd. 6/655 to 6/717) mation defences at Rd. 6/655 to 6/717) Rate	¥	JULICULIA	OI Quam	1001-14	ion feu.		Earnest Mo	ney:- 10000.00
mattion defences at Rd. 6/655 to 6/717) Description of Work	Name 01	Work :- Improvement of Ghanahatti Bhajal re	ad km. U	4T 01 00/	/00 (211.		Time:- One	Months.
Description of Work Description of Work Rate Unit Amount	Formati	on defences at Rd. 6/655 to 6/717)						
1 Cutting in earth work in all heights and depths in all kinds of soil including Cutting in earth work in all heights and depths in all kinds of soil including Cutting to the comprising of pick, jumper, blasting work both in soil and hard neck with chastification of soil including, devastering work both in soil and hard neck setting to the required line; grades side object timining bettoms and loved as shown on the drawing as directed by the Engineer-in-Charge at side excording to HP PWD specifications of 1900 (One thousand Nine hundred Nines) Volume-1 HP PWD specifications of 1900 (One thousand Nine hundred Nines) Volume-1 HP and a mechanical means as along with its leveling to the required grades and then disposing of surplus exercated earth in acquired width of noal or on approved then disposing of surplus exercated earth in acquired width of noal or on approved then disposing of surplus exercated earth in acquired width of noal or on approved then disposing of surplus exercated earth in acquired width of noal or on approved then disposing of surplus exercated earth in acquired width of noal or on approved then disposing of surplus exercated earth in acquired width of noal or on approved then disposing of surplus exercated earth in acquired width of noal or on approved then disposing of surplus exercated earth in acquired width of noal or on approved then disposing of surplus exercated earth in acquired width of noal or on approved then disposing of surplus exercated earth in acquired width of noal or on approved then disposing of surplus exercated earth in acquired width of noal or on approved then disposing of surplus exercated earth in acquired width of noal or on approved then disposing of surplus exercated earth in acquired width of noal or on approved then disposing of surplus exercated earth in acquired width of noal or on approved then disposing of surplus exercated earth in acquired width of noal or on approved the cost of our of the noal leveling to the required grades and the cost of our of the no		Description of Work	No.of Qty.		Rate		Unit	Amount
3 4 5 6 Per cubic metre 1300.8 Cum k 1300.8 Cum d).	S.No				In figures	In words		
1300.8 Cum		2	ω	4	5	6	7	
5 % c = 6	,		12000	Cum			Per cubic metre	
	-	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 the P.P.WD specifications of 1990 (One thousand Nine hundred Ninety) Volume-1 H.P.P.WD 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 embankments for grades improvements and leveling to the required grades and embankments for grades improvements and leveling to the required grades and dumping sites through all modes of transportation including head load, animal load or mechanical means along with its leveling fine dressing and all lobour, necessary to complete the work by mechanized means and labour (if any required). necessary to complete the work by mechanized means and labour (if any required) enter of useful materials such as stones, shingles, aggregates and slates shall be the cost of useful materials such as stones, shingles, aggregates and slates shall be proportionately increase/decrease as the qty, of earth work increase/decrease in all proportionately increase/decrease as the qty, of earth work increase/decrease in all proportionately increase/decrease as the qty, of earth work increase/decrease in all proportionately increase/decrease as the qty, of earth work increase/decrease in all proportionately increase/decrease as the qty, of earth work increase/decrease in all proportionately increase/decrease as the qty, of earth work increase/decrease in all proportionately increase/decrease in all earth hundred seventy only) per cubic cases recovered from the contracto at \$\frac{1}{2}\text{6}\text{6}\text{7}\text{7}\text{6}\text{1}	1300.8					
								_

Executive Engineer Shink Runal Divisit

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	Total Rs.	Cutting in earth work in all heights and depths in all kinds of soil including 1 saturated soil comprising of pick, jumper, blasting work both in soft and hard rock with chisching/wedging out of rock (where blasting is prohibited) and their with chisching/wedging out of rock (where blasting is prohibited) and their intermediate classification of soil including, dowardning where ever required, setting to the required line, grades, side slopes timming bottoms and level as setting to the required classification of 1990 (one thousand winch hundred Ninety) Volume-1 HP, PWD specifications of 1990 (one thousand winch hundred Ninety) Volume-1 and sorting out useful/un-useful materials and stacking the same in all leads and embankments for grades improvements and leveling to the required grades and durping give through all modes of fransportation including head load, animal durping ages through all modes of fransportation including head load, animal durping ages through all modes of fransportation including head load, animal durping ages through all modes of fransportation including head load, animal durping the const of useful materials such as stones; shingles, aggregates and slates shall be 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 sorted out and stacked along road side, which shall not be less than one tenth of proportionately increase/decreas as the day. Of carth work increase/decreas in all proportionately increase/decreas as the day of carth work increase/decreas in all proportionately increase/decreas as the day of carth work increase/decreas in all shall not be dayly compensated by him in all respects.		res In words	332) Rate Unit	ti Bhajal road km. 0/00 to 14/00 (311	. 11/00 (611.
Executive Engineer		Per cubic metre	7 8		Unit Amount	Time:- One Months.	Farnest Money:- 10000.00

	Description of work Description of work
Qty.	YTI
Unit	
RATE	U

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D, State	norm						
Shima Kurai Division	Similar Similar						
Executive Engineer,	- Execu	_				structure with slope of 1:20 (One verticle isto twenty horizontal) towards crawing medical specification clause 614, 709, 1204.3.7(six hundred fourteen, seven	
				<u>c</u> .		return wall with 100mm (one hundred millimeter) dia PVC pipe extending through the face complete as per	
				Met	1	Providing weep holes in brick masonry/stone masonry/plain reinforced concrete abutment, will width of the	4
				metd Per	92 20 n	directed by the Engineer-in-Charge including carriage of materials with in all leads and lifts and other	
N. T.				Met		concrete in retaining waits, breast waits, the size of French Level zero & one two zero zero) & as	
127				С		40mm) and mechanical mixed, violated and carries for reliable 150 to 300 mm as per drawing and	
				Cubi		Providing and Laying cement concrete 1:3:10 tolk complete including the cost of farmwork for plain	w ·
f. 7-1				n3 Per	129.500 m3	loss to the nublic or private property during the course of execution start is to graded stone aggregate	
						manners to dumping site (to be arranged by the contractor) or as directed by the Engineer-in-Charge. Any	
						usinger to this side, water positions even the first of unserviceable excavated materials in specified useful for construction at suitable sites and safe disposal of unserviceable excavated materials in specified	
						excavation by plasting stati be carried out by many stability of hill side rock. Stacking of materials	
						trimming. Hilling of uneventiess officials of the taking all necessary precautions against soil erosions.	
				_		including dressing of sides and bouton and backining of the road to specified dimensions. All work of	
				G		construction of shoring and bracing, removal of sturips and brackfilling in trenches with excavated suitable material.	
			9.5	ivict	-	drawing and reclinical specification clause security and other deleterious material and its disposal	
				2 0		chiesting wedging out tooks (where plasmy is promoted) frive point One) including setting out.	
				: (and parapers etc. in an type of classification of son comprising of pressions and other particulars as per	
						and paranets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock	1
				m3 Per	35.500 m3	Fairthwork in excavation for all type of road structures such as retaining wall, breast wall, culvert, drain	ر
						specified manners, trimming, filling of unevenness blindages and finishing of the road to specified	
						materials useful for construction at suitable sites and safe disposal of unserviceable cut materials in	
						including rock excavation shall be carried out true to lines, grades, side slopes, width, camber super	
				_		erossions, damage to hill side, water pollutions etc., and to protect stability of hill side rock work shall be	
			Ė	, ,		work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil	
			7	, am		various location of site through all modes of transportations in all lead, lift and all incidental charges, all	
				2 !		zero (nree point one) and MOKD specification including carriage of all labour equipment and materials to	
			<u>5. S</u>	_		disposing of excavated earth with in all lead and lift as per Technical Specification Clause 1603.1(one six	
_1*	T WO IVIORIN.		Ť	m3 Per	117.500 m.3	Excavation in soil in Hilly Area by mechanical means including cutting and trimming of side slopes and	_
_10	T Mout	Time limit .					
	498589.00	Earnest Mor	0,100,10		ď	0/135 & B/wall in KM 0/480 to 0/525).	
	100-00	Estimated C	0/130 to	ll at R De	O PCC Edge wall at RDs 0/130 to	Name of Work:-K.K. Damagek on Khel Ka Chaunra Gayanchri road KM 0/00 to 0/600(SH:-C/	31.140.
1		S	S	-			S
	Rs.	e Words	Figure				
	AMOUNT	RATE In	Unit		Qty.	Allow of work	No.
						Deep rintion of word.	•

Page 1

Jas. 10

	Schedule Of Quantity	tity				Estimateo	Estimated Cost:- 4,93,012.00
Name	Name Of Work:-R/R damages on Ghanahatti Bhajol road km. 0/0	ol road	km. 0/00	00 to 14/435 (SH:-	35 (SH:-	Earnest M	Earnest Money:- 10000.00
C/0 R	C/O R/wall at Rd. 4/430 to 4/452.50)				,	Time:- Or	Time:- One Months.
S.No	Description of Work	No.of Qty.		Rate		Unit	Amount
				In figures	In words		
3-3	2	ω	4	5	6	7	8
- 7				(0	2 .	C
1	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	20.25	Cum		٠	Per cubic metre	
	disposal of surplus excavated soil as directed, within a lead of 50 m.as per the direction of Engineer-In-Charge.			.51			
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in	51.08	Cum			Per cubic metre	To the second se
	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		11				
	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)						
۵	Desiding and lating in position appears to the position and lating in the second secon	407 50					
¢	excluding the cost of centering and shuttering - All work up to plinth level :-	127.50	Cum			Per cubic metre	
	(1.5:10) (One cement : five sand : Ten Graded stone aggregate 40mm		1				
	leads lifts as per the direction of Engineer-In-Charge.					12	
4	Back filling behind abutment, wing wall and return wall and retaining wall with granular material complete as per drawings and MORD technical	25.65	Cum			Per cubic metre	
	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						
					×		
G	Providing and laying 100mm dia metre PVC pipe for wheep holes complete of approved quality Including carriage of material within all leads and lifts.	71.85	Rmt.			Per Running Metre	N.
			Total Rs.				



	Rs.	Total Rs.					
						and Is: 1364 metal beam rail to be fixed on the vertcal post with a spacer of channel section 150x75x5mm, 330mm long complete as per clause 810. (CC work to be paid sepratly)	
						below ground/road level, All steel part and fitmets to be galvanised by not dip process, all fitting to confirms to IS: 1364	Î
						comprising of 3mm thick corrugated sheet metal rail 70 cm. above road/ground level fixi respectively, 1.8 m high, 1.1 m	
	Running Metre	72)		Rmt.	110.00	Providing and errecting "W" metal beam crash barrier	3
	Per Cubic Metre			Cum	12.47	Providing and laying cement concrete 1:2:4 (one cement is to Two sand is to Four graded stone aggregate 20mm forty milimetre nominal size) and curing complete excluding cost of form work in foundation and plinth with pidlite or Dr.fixit water proofing treatment as per the direction of the Engineer-in-Charge but including carriage of materials up to all leads and lifts	2
	Metre			Call	12:4/	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
8	7 Per Cubic	6	5	4	3 12 47	2 Earth work in excavation by mechanical means (Hydraulic excavator) /	
		In words	In figures				
Amount	Unit		Rate	. 100	No.of Qty.	Description of Work	S.No
e Months.	Time:- One Months		0/510)		r at Rd. 0/	to 5/700 (SH:- Providing W-Metal beam crash barrier at Rd. 0/400 to	to 5/700
Earnest Money:- 10000.00	Earnest Mo	Sedan road km. 0/00	edan roa		i Bawri S	Name Of Work :- Improvement of black spot on Pakki Bawri Shakrah	Name O
Estimated Cost:- 4,95,249.00	Estimated				ntity	Schedule Of Quantity	

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

7 Ses

Name of Work: - Annual Repair and Maintenance on Devnagar Moolvari Road Km. 0/00 to 1/00 (Sh:- Estimated Cost: - Rs 364462 /- only

. i	2		
Out lie ad and lie lies of work	Cub hood and items of work	Collection of N-mail active, office to street,	Construction of Rawall at Rd 0/220 to 0/238)
	Otv.		
figures In words	Rate	Time: -	Earnest Mo
	Unit	One Month	Earnest Money : - Rs. / UUU /-only
	Amount		oud /-only

Draft SCHEDULE OF QUANTITY

Der Profit

				67	No.	31.
			Job No.	C		
						Description of work
:::						Qty.
						Unit
				s	Figure	
	Time Limit:	Earnest Mor	Estimated C	50	Figure Words	RATE In
	Time Limit: Two Months.	9700.00	481712.00		Rs.	AMOUNT

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). コット ハゥーリ

	_			ò
			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	
			be hot dipped galvanized with zinc coating (reaffirmed 2011) for bolts and nuts IS 14393/1996 (Re	
			Specifications (latest revision) including all fittings required for erection at road / site of work, spacer shall	
			confirming to IS: 5986/2011. All the above components shall confirm to clause 810 of MORT&H	
			channel of cold formed channel section size 150 x 75 x 5 mm, 330 mm long made of ISI Marked HR Coil	
	2		level and 0.70 meter above ground level. Metal beam rail to be fixed on the vertical post with spacer	
	er.		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	
et '	Met		channel section post of size 150 x 75 x 5 mm made of ISI Marked HR Coil confirming to IS: 5986/2011	
	ng		and length 4318mm made of ISI Marked HR Coil confirming to IS: 5986/2011 to be fixed on cold formed	
Ξ.	Runi		Profile section having thickness of 3mm (un coated thickness) with frame width of 311 mm depth 83mm	
	Per	110.000 m	Providing and erecting single sided single "W" metal beam crash barrier comprising of cold formed W	3
			incidental charges.	
	5. 9 .5		and material to various location through all modes of transportation in all lead and lift, including all	
ter	meter		of form work and reinforcement as per HP.PWD specification, including carriage of all labour equipment	
Dic	cubic		20mm (twenty millimeter) nominal size) in foundation and plinth, and curing complete excluding cost	
		13.590 m3	Providing and laying cement concrete work 1:2:4 (one cment: two sand: four graded stone aggregate	2
	-		filling of inevenness blindages and finishing of the road to specified dimensions or as directed by the	
			excavated materials in specified manners to dumping site (to be arranged by the contractor), trimming,	
			side rock. Stacking of materials useful for construction at suitable sites and safe disposal of unserviceable	
			precautions against soil erosions, damage to hill side, water pollutions etc., and to protect stability of hill	
			suitable material. All work of excavation by blasting shall be carried out by taking all necessary	
			upto all lead and lifts including dressing of sides and bottom and backfilling in trenches with excavated	
			out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal	
	er.		Clause 305.1(Three hundred Five point One) and 1606.1(One six zero six point one) including setting	
55	Met		true to lines and grades. Dimesions and other particulars as per drawing and Technical Specification	
	c		chiesling / wedging out rocks (where blasting is prohibeted) as per drawing and technical specification	
<u>p</u> .	Cubi		parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock	
_	3 Per	13.590 m3	Earthwork in excavation for all type of road structures uch as retaining wall, breast wall, culvert, drain and	1
	-			

Shimla Rural Division

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				di NS.	101		
				Total Re	Tot		
	Per Running Meter			Rmt	18.00	Providing and laying 100mm dia metre PVC pipe for wheep holes complete of approved quality Including carriage of material within all leads and lifts	5
ri	Per cubic metre			Cum	21.66	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.	4
G	Per cubic metre			Cum	132.810	Providing and laying cement concrete 1:5:10 (one cement is to five sand is to Ten graded stone aggregate 40mm forty milimetre nominal size) and curing complete excluding cost of form work in foundation and plinth with pidlilte 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.	ω
(5)	Per cubic metre			Cum	52.06	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)	2
	Per cubic metre		2	Cum	24.51	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.	ь
8	7	6	5	4	3	2	1
		In words	In figures				
Amount	Unit		Rate		No.of Qty.	Description of Work	S.No
Earnest Money:- 10000.00 Time:- One Months.	Earnest Money:- 10 Time:- One Months	:- C/0	700 (SH	0/00 to 1/	oad km. (Name Of Work :- R/R damages on Ghanahatti Parach road km. 0/00 to 1/700 (SH:- C/OR/wall at Rd. 0/450 to 0/469)	Name C R/wall
Estimated Cost:- 4,99,727.00	Estimated				tity	Schedule Of Quantity	, Par

Executive Engineer Shimla Rural Divisi

Draft SCHEDULE OF QUANTITY

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Name of work			Job No.	7	200	SI.
Name of work. Improvement of common and the state of the					prescription of WOLK	Description of work
					Qty.	-
				٦	Unit	
Time Limit:	Earnest Mor	Estimated C	s	Figure Words	RATE In	
Time Limit: Two Months.	9800.00	497453.00		Rs.	AMOUNT	

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

		υ,		2	
	an ch lev cou		of an		1 6 8 6 8 6 9 9 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	and length 4318mm made of ISI Marked HR Coil confirming 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 confirming to IS: 5986/2011 to be fixed on cold formed 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 channel of cold formed channel section size 150 x 75 x 5 mm, 330 mm long made of ISI Marked HR Coil confirming 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 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.	Providing and erecting single sided single "W" metal beam crash barrier comprising of cold formed W	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.	Providing and laying cement concrete work 1:2:4 (one cment: two sand: four graded stope of the concrete work 1:2:4)	Earthwork in excavation for all type of road structures uch 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 prohibeted) 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 suitable material. All work of excavation by blasting shall be carried out by taking all necessary 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, fulling of unserviceable fulling of unserviceable sites and safe disposal of unserviceable fulling of unserviceable funserviceable fulling of unserviceable fulling of unserviceable fu
		104 000 m	19.800 m3		19.800 m3
	Runi ng Met	Dor	Per cubic meter		Per Cubi c Met
	*				
L	w				
1		8			

Executive Engineer.

Bhante Rural Division

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Jest K

	ь н Н		S.No	Name Of SH:- For
	Saturated soil comprising of pick, jumper, blasting work both in soft and hard rock with chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil including, dewatering where ever required, setting to the required line, grades, side slopes trimming bottoms and level as shown on the drawing as directed by the Engineer-in-Charge at site according to HP.PWD specifications of 1990 (One thousand Nine hundred Ninety) Volume-I and sorting out useful/un-useful materials and stacking the same in all leads and then disposing of surplus excavated earth in acquired width of 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 approved dumping sites through all modes of transportation including head load, animal load or mechanical means along with its leveling fine dressing and all lobour, machineries, materials, tools equipments and safety measures and labour (if any required 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/ decreas 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.	2	Description of Work	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)
17	1301 1301 1301	ω	No.of Qty.	Of Quanti hatti Bhaj
Total Rs.	Cum	4		ol road k
-		ъ	Rate In figures	m. 0/00
-		6	In words	to 12/600
	Per cubic metre	7	Unit	Estimated Cost:- 4,9 Earnest Money:- 100 Time:- One Months
	>	8	Amount	Estimated Cost:- 4,99,257.00 Earnest Money:- 10000.00 Time:- One Months.

Executive Engineer, Shimla Rural Division, HPPVD. Dhami,

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1	Schedule Of Quantity	ntity				Estimated	Estimated Cost - 4 90 604 00
Name work, a	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)	sil Suni Dis	tt. Shimla	(HP) (SH	:- C/O Brick	Earnest Money:- 10	Earnest Money:- 10000.00 Time:- One Months
S.No		No of Ot.					•
		Troite Ley		In figures		Unit	Amount
1	2	2		7	III WOLUS		
_		3	4	5	6	7	8
	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	
2	Form work:-Providing form work with steel plates 3.15mm (three point						
	(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 insiture inforced concrete and plain concrete work including carriage of material up to all leads and lifts as per the direction of the Engineer-in-Charge.					å	ä
ໝ	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-Champ	29.25	Sqm			Per Squere Metre	
ь	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 Squere Metre	
C	Edges of slabs and breaks in floors and walls under 20cm wide.	55.10	Rmt.			Per running	
ω	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 viberator 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.					metre	

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

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Executive Engineer, Shimla Rural Division, HP, RyD, Dhami. Lang

aft SCHEDULE OF QUANTIT

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Estimated C. 497453. Earnest Mor 9800. Time Limit: Two Months

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

	ω	2	-
	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 confirming 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 confirming 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 confirming 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 life and all incidental charges	Providing and laying cement concrete work 1:2:4 (one cment: 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.	Earthwork in excavation for all type of road structures uch 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 prohibeted) 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 meavenness blindages and finishing of the road to specified dimensions or as directed by the
	104.000 m	19.800 m3	19.800 m3
	Per Rumi ng Met er	Per cubic meter	Per Cubi c Met
			e e
Exec			

Executive Engineer, Shipple Rural Division HPEWD, Dhami SDs KSLI)

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SCHEDULE OF QUANTITY

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

		·	-	Y		-	V.	100
c		Lace	ω	N	_	_	No.	,
	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.	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.	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.	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 suitabale material as per MORD specification directed by Engineer-in-Charge.	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 deletorius materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in Charge.	2	Sub head and items of work	(1300:10 lib and 4/360m to 4/366.80)
	46.30	19.15	95.26	38.14	15.12	သ	Qty.	
	Rmt	Cum	Cum	Cum	Cum			
						4	figures	
						5	Rate In words	-
Total:	Per Running Metre	Per cubic metre	Per cubic metre	Per cubic metre	Per cubic metre	6	Unit	Olic Moliu
						7	Amount	

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

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SCHEDULE OF QUANTITY

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

						*	
	Total:						0
	Per Running Metre		9	Rmt.	28.00	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.	5
	Per cubic metre			Cum	21.53	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.	4
.e.	Per cubic metre	J		Cum	131.67	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.	ယ်
6	Per cubic metre	D		Cum	54.91	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 suitabale material as per MORD specification directed by Engineer-in-Charge.	2
	Per cubic metre			Cum	30.26	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 deletorius materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in Charge.	.1
7	6	5	4		3	2	_
Amount	Unit	Rate In words	figures		Qty.	Sub head and items of work	No.
777 /- only 000 /-only	ost: - Rs 499 ey : - Rs. 100 One Month	Estimated Cost: - Rs 499777 /- only Earnest Money: - Rs. 10000 /-only Time: - One Month	(SH: -	50.00	1. 0/00 to	Name of Work: - Restoration of rain damages on Hiranagar Dhamoon Road Km. 0/00 to 8/00 construction of R-Wall at RD. 3/00 to 3/015.60)	Z



Jay 2

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. | Estimated Cost. - Rs 499902 /- only

	s	No.	1	-	N	ω	4	U	0
ויסבט מס ויססס)	Sub head and items of work		2	Excavation in Soil in Hilly Area by manual means including culting 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 deletonus materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in Charge.	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 deletenous material and disposal upto all leads and lifts dressing of sides and bottom and backfilling in trenches with excavated suitabale material as per MORD specification directed by Engineer-in-Charge	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.	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.	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.	
	Qty.		ω	25.20	53.90	130.20	31.50	18.00	
				Cum	Cum	Cum	Cum	Rmt.	
		figures	4						
Time: -	Rate	in words	5						
Time: - One Month	Unit	0.000	6	Per cubic metre	Per cubic metre	Per cubic metre	Per Running Metre	Per Running Metre	
_		_							



Name of Work:- Restoration Ration damages on Hari Devi Seri Road Km. 0/00 to 7/00 (Sh:- Construction of B-Wall at RD. | Estimated Cost: - Rs 476785

	i ouai.					,
	Per Running Metre		Rmt.	38.00 Rr	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.	4
	Per cubic metre		Cum	130.20 Ct	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.	ω
	Per cubic metre		ä	53.90 Cum	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 suitabale material as per MORD specification directed by Engineer-in-Charge.	2
	Per cubic metre		à	25.20 Cum	1.5 m and a lead upto 20 m as per drawing and Technical Specification Clause 1603.1 and other deletorius materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in Charge.	
7	6	4 5	4	s	Excavation in soil in Hilly Area by manual means including cutting and trimming of cite allowed the sound of the sound trimming of cite allowed trimming of cite allow	1
, and and		figures In words	figu		v	1
Amount	Unit	Rate		Qty.	And the state of t	No.
8	One Month	IIme: -			Sub hard and items of the last	ș.
785 /- only 300 /-only	Earnest Money: - Rs. 10000 /-only		95.70	or o	0/870 to 0/905)	



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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

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2	σ ₀	ω	N	_	_	o.	Ś	
	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.	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.	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 suitabale material as per MORD specification directed by Engineer-in-Charge.	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 deletorius materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in Charge.	2		Sub head and items of work	Collection of N-wall ill FCC at ND. 3/0302 to 3/100)
	16.40	47.50	23.00	15.40	w		Qty.	
	Rmt.	Cum	Cum	Cum		,, ,1		
					4	figures		
					51	In words	Rate	Time: -
Total:	Per Running Metre	Per cubic metre	Per cubic metre	Per cubic metre	6		Unit	One Month
					7		Amount	

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

Executive Engineer Shimia Rural Divisi HPPWD Dhami

SCHEDULE OF QUANTITY

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C h	4	ω	Ν	_	_	No.	'n	Nan
Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing Providing wall, return wall with 100 mm dia PVC pipe extending through the full with of the structures with slop 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.	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	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.	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 suitabale material as per MORD specification directed by Engineer-in-Charge.	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 deletorius materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in Charge.	2	1.2	Sub head and items of work	Name of Work: - Construction of Banuti to Dhayla Road Km. 0/00 to 1/00 (SH: - C at RD. 00/950 to 0/965)
45.60	20.70	119.40	52.80	29.10	u		Qty.	Construction of R-Wall
Rmt.	Cum	Cum	Cum	Cum		a	1.50	ion of I
					4	figures		₹-Wall
					O.	In words	Rate	Estimated Cost: - Rs 459089 /- only Earnest Money : - Rs. 9000 /-only Time: - One Month
Per Running Metre	Per cubic metre	Per cubic metre	Per cubic metre	metre	6		Unit	Estimated Cost: - Rs 459089 /- or Earnest Money : - Rs. 9000 /-only Time: - One Month
					7		Amount)89 /- only)0 /-only

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

Spirmla Rural Division MPPVVD Divaril

Total:

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SCHEDULE OF QUANTITY

of Work: - Restoration of raindamages on Hiranagar Sharog Road Km. 0/00 to 5/00 (SH: Construction of R-

	The second secon			
Providing weapholes in bnck mason y some mason, or the structures with slop of "(V).cv(n) with 100 mm dia PVC pipe extending through the full with of the structures with slop of "(V).cv(n) with 100 mm dia PVC pipe extending through the full with of the structures with slop of "(V).cv(n) with 100 mm dia PVC pipe extending through the full with of the structures with slop of "(V).cv(n) with 100 mm dia PVC pipe extending through the full with of the structures with slop of "(V).cv(n) with 100 mm dia PVC pipe extending through the full with of the structures with slop of "(V).cv(n) with 100 mm dia PVC pipe extending through the full with of the structures with slop of "(V).cv(n) with 100 mm dia PVC pipe extending through the full with of the structures with slop of "(V).cv(n) with 100 mm dia PVC pipe extending through the full with of the structures with slop of "(V).cv(n) with 100 mm dia PVC pipe extending through the full with of the structures with slop of "(V).cv(n) with 100 mm dia PVC pipe extending through the full with of the structures with slop of "(V).cv(n) with 100 mm dia PVC pipe extending through the full with of the structures with slop of "(V).cv(n) with 100 mm dia PVC pipe extending through the full with 100 mm dia PVC pipe extending through the slop of the	al upto all k	al upto all leads	al upto all leads	al upto all leads
Engineer-in-Charge.	vall, return	45.30		45.30
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	cation Cla	15.91		15.91
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 carrigae 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)	nplete as g carriga nt : 4 san	75.89		75.89
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)	nd techr) carriag	21.42		21.42
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 suitabale material as per MORD specification directed by Engineer-in-Charge.	osal upto terial as	71:17	71:17	71:17
of the same and the	ding set	21 42		21 42
Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing or 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 deletorius materials and disposal upto all leads and lifts as per MORD specification directed by	ation Cla	Clause cted by	Clause cted by	Clause cted by
		10 10	10 10	30 30 Cim
		ىد		4
Sub head and items of work		aty.	Qty. figures	.1
Wall at Rd. 0/090 to 0/093.40)	9		Name of Work: - Restolation of failleaniages on Financiaga One (2008)	Earnest Money : - Rs. 10000 /-only Time: - One Month

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

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SCHEDULE OF QUANTITY

4	52.00			1	1		1	
	ω	2	_	_	No.	'n		
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 carrigae 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)	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)	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 suitabale material as per MORD specification directed by Engineer-in-Charge.	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 deletorius materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in Charge.	2		Sub head and items of work	Construction of N-Wall at Nd. 0/095.40 to 0/096.6)	Name of Work: - Restoration of raindamages on Hiranagar Sharog Road Km. 0/00 to 5/00 (SH:
75.89	21.42	21.42	10.10	3		Ω		1. 0/00 to
Cum	Cum	Oum	Cum			Y.		5/00 (SI
				4	figures			::
				5	In words	Rate	Time: -	Earnest Mo
Per cubic metre	Per cubic metre	Per cubic metre	Per cubic metre	6		Unit	One Month	Estimated Cost: - Rs 488183 /- only
				7		Amount	rood r-only	3183 /- only
35 73	75.89 Cum	21.42 Cum 75.89 Cum	21.42 Cum 21.42 Cum 75.89 Cum	21.42 Cum 21.42 Cum 21.42 Cum 75.89 Cum	3 4 5 10.10 Cum 21.42 Cum 21.42 Cum	figures In words 1 10.10 Cum 21.42 Cum 21.42 Cum 75.89 Cum	Aty. Rate Unit figures In words 3 4 5 6 10.10 Cum Per cubic metre 21.42 Cum Per cubic metre 21.42 Cum Per cubic metre 75.89 Cum Per cubic metre 75.89 Cum Per cubic metre	Agy Rate Unit Figures In words 6

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

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carriage of material upto all leads and lifts as per the direction of Engineer -in-Charge.

of 1(v):20(H) towards drawing face complete as per drawing and technical specification. Including 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

45.30

Rmt.

Per Running

Metre

6

upto leads as per the direction of Engineer-in-Charge.

Exect/Nue Engineer Shimta Rural Divisi

Total:

11

*

SCHEDULE OF QUANTITY

lame of Work:- Construction of Link Road from 16 Mile to Sedan (Shakrah) Road Km. 0/00 to 3/135 Estimated Cost: - Rs 423106 /- only

wing wall, return wall with 100 mm dia PVC pipe exterioring and 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	5 Providing weapholes in brick masonry /	4 Backfilling behind abutment, wing wall and return wall com specification Clause 1204.3.8, (I) Granular material, Include leads upto leads as per the direction of Engineer-in-Charge	3 Providing and Laying cement concrete complete as per drawing and technical such concrete 1:5:10 (1 Cement : 5 sand: Including carriage of material upto all licharge.	2 Earthwork in excavation for structures a 305.1 including setting out, construction deleterious material and disposal upto a backfilling in trenches with excavated suby Engineer-in-Charge.	1 Excavation in soil in Hilly Area by manual means includisposing of excavated earth with a lift upto 1.5 m and a Specification Clause 1603.1 and other deletorius mate per MORD specification directed by Engineer-in Charge.	-	No.	S. Sub head	(Sh:- Construction of R-Wall a
technical specification . Including carriage of material upto all leads and lifts as per the	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(y):20(H) towards drawing face complete as per drawing and	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.	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.	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 suitabale material as per MORD specification directed by Engineer-in-Charge.	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 deletorius materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in Charge.	2		Sub head and items of work	(Sh:- Construction of R-Wall at RD. 0/841.50 to 0/852.50) Balance work under SPMRM Time: - One Month
	69.00 Rmt.	20.30 Cum	110.75 Cum	31.68 Cum	18.32 Cum	သ		Qty.	rk under SPMR
-		-			,	4	figures		M
G T		¥			g)	5	In words	Rate	Earnest Mon
	Per Running Metre	Per Running Metre	Per cubic metre	Per cubic metre	Per cubic metre	6		Unit	Earnest Money: - Rs. 8000 /-only Time: - One Month
		£				7		Amount	00 /-only



Jag. No. 28

SCHEDULE OF QUANTITY

No.	s.		~	Name of V
	Sub head and items of work		Sh:- Construction of R-Wall at RD. 0/831 to 0/841.50) Balance work under SPMRM	Name of Work:- Constructioin of Link Road from 16 Mile to Sedan (Shakrah) Road Km. 0/00 to 3/135 Estimated Cost: - Rs 404585 /- only
fic	oty.		Inder SPMRM	load Km. 0/00 to 3
figures In words	Rate	Time: -	Earnest M	3/135 Estimated
	Unit	One Month	Earnest Money : - Rs. 8000 /-only	Cost: - Rs 404
	Amount		100 /-only	1585 /- only

3 Providing and Laying of complete as per drawing Concrete 1:5:10 (1 Cen Including carriage of matching behind abutm specification Clause 120 leads upto leads as per the wing wall, return wall wastructures with slop of technical specification of Engineer indirection of Engineer in-		Providing complete Concrete Including Charge.		2 Earthwork in excavation 305.1 including setting deleterious material are backfilling in trenches by Engineer-in-Charge	1 Excavation in disposing of e Specification per MORD sp		N _o .	
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.		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.	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.	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 suitabale material as per MORD specification directed by Engineer-in-Charge.	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 deletorius materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in Charge.	2	Sub head and items of work	
	69.00	19.37	105.77	30.24	17.48	ω	Qty.	
	Rmt.	Cum	Cum	Cum	Cum		•	
					T v	4	figures	
						51	Rate In words	Ime: -
	Per Running Metre	Per Running Metre	Per cubic metre	Per cubic metre	Per cubic metre	6	Unit	One Month
	1 1					7	Amount	_





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

	Total:					
	Metre			82.65 Rmt	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.	5
	metre		3	18.90 Cum	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.	4
	metre		-	120.00 Cuin	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.	ω
	metre Per cubic				Ra et.	2
	5				Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earn with a lift upto 1.5 m and a lead upto 20 m as per drawing and Technical Specification Clause 1603.1 and other deletorius materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in Charge.	_
,	Per cubic metre	5	4	ω		- i
Allionit	, ,	In wor	figures	aty.	Sub head and items of work	èè
Amount	One Month	Time: -				



Jas. 30

SCHEDULE OF QUANTITY

	Construction of B/Wall at Rd.10/410 to 10/425)	Name of Work: - Annual Repair & Maintenance on Bagora Kalihatti Bastigunana Road Km. 0/00 to 11/675 (SH:	
Time: One Month	Earnest Money: - Rs. 3000 /-cnly	Estimated Cost: - Rs 146540 /- only	

0	4	မ	2	ے	-	No.	è	
	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.	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.	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 suitabale material as per MORD specification directed by Engineer-in-Charge.	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 deletorius materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in Charge.	2		Sub head and items of work	
	37.60 Rmt.	38.85 Cum	10.65 Cum	15.00 Cum	w		Qty.	
-		3	3		4	figures		
					5	figures In words	Rate	Time: -
Total:	Per Running Metre	Per cubic metre	Per cubic metre	Per cubic metre	6		Unit	One Month
					7		Amount	

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



Draft SCHEDULE OF QUANTITY

One month.	e: -	Time:				
\$ 10,000 -2000.00	Ioney: -	Earnest Money: -	E		(Gr. 1)and consolidation of sub grade in Km. 0/00 to 0/750)	0.
B 7 16 91402.00	1 Cost: -	Estimated Cost:	E	ing & laying soling		Sr.N
1,00066		S				
Rs.	Words	Figure				10.
AMOUNT	RATE In	R	Unit	Qty.	Description of work	<u> </u>

Executive Engineer
Shimla Rufal Division
HOWD, Dhami

Draft SCHEDULE OF QUANTITY

	Draft SCHEDULE OF QUANTITY	YT			Ued, 32
SI.	Description of work	Qty.	Unit	RATE In	AMOUNT
Z ₀ .				Figure Words	s Rs.
Sr.N	Name of work: - C/O Karechi Tabog road Km. 0/0 to Km. 3/00 (SH :- Providing & laying soling	aying soling	E	Estimated Cost: -	10
0.	(Gr. 1)and consolidation of sub grade in Km. 0/750 to 1/500)		E	Earnest Money: -	A 70,000 2000.00
				Time: -	l
_		2763.75 m2	2 Per		
	paid for separately depending upon the classification of soil completed as per HPPWD specification and		squar	100	
	as per MORD specification and as per direction of Engineer in charge including carriage of all labour		е		
	equipments and materials to various locations through all modes of transportation in all leads lifts and all		meter		
	incidental charges.		•		
12	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry	2763.75 m2	Per		
	soil etc. and re-rolling the sub-grade completed as per HPPWD specification and as per MORD		squar		
	specification and as per direction of Engineer in charge including carriage of all labour equipments and		е		
	materials to various locations through all modes of transportation in all leads lifts and all incidental	20,700			
w	Providing, laying, spreading and compacting stone aggregates of specific sizes 90m to 45min (ninety)	2/0.50	Cubi		
	bound macadam specification including spreading in uniform thickness, using template, hand packing,		С		
	rolling with three wheel 80-100 kN (eighty to hundred) static roller in stages to proper grade and camber.		metre		
	applying and brooming, stone screening type-B of size13.2mm(thriteen 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 merte (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 trasportation within all leads and lifts and other incidentials				

Executive Engineer
Shimla Hural Division
HPIOD, Dhami

ACUEDATE OF MONINII

2 Eard dele bad Eng Pro (1 max	1 Excavidispo Spec	No.	Name o
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 suitabale material as per MORD specification directed by Engineer-in-Charge. 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. 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 and setting of Engineer in Charge.	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 deletorius materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in Charge.	Sub head and items of work	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 9/943)
52.21	20.70	aty.	tal Road I
Cum Cum	Cum		(m. 0/0
	110	figures)0 to
	On .	Rate In words	Estimated (Earnest Mo Time: -
Per cubic metre Per cubic metre Per cubic metre metre	6 Per cubic metre	Unit	Estimated Cost: - Rs 493749 /- only Earnest Money : - Rs. 10000 /-only Time: - One Month
	7	Amount	3749 /- only 0000 /-only

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

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Total:

Draft SCHEDULE OF QUANTITY

					I all lillance	
					laminated with high intensity prismetic vellow colour reflector CAT part no.GPL 30-20	
F-1					(or base to) curb stone with steel screws oblique surface 90*90 mm on both side	
			Þ		impact) paistic black body of base 110*120mm and height 120 mm provision to fix over	
			Eac	570 No. Eac	1 Providing and fixing duel directional delinator conventional road beam (Indicator or	-
Time Limit: Six month.	Time Limit:				delinator in various roads under Suni Sub Division)	
10000.00	Earnest Mor	ional	direct	d fixing duel	Name of work: -A/R & M/o to various roads under Suni Sub Division (SH:- Supplying and fixing duel directional	
498465.00	Estimated C				Jon No. :-	
	S					
Rs.	Figure Words	Figur				Nor
AMOUNT	RATE In		Unit	Qty.	Description of work	SI.
	ARCHITECTURE STATE OF THE					

Executive Engineer
Shimla Rural Division
HPIDD, Dhami

afternoson-2021-23

Draft SCHEDULE OF QUANTITY

Jay 35

100						
					laminated with high intensity prismetic yellow colour reflector CAT part no.GPL 30-20	_
					(or base to) curb stone with steel screws oblique surface 90*90 mm on both side	<u> </u>
				h	impact) paistic black body of base 110*120mm and height 120 mm provision to fix over	
			36	570 No. Eac	Providing and fixing duel directional delinator conventional road beam (Indicator or	. 1
ıth.	Six month.	Time Limit:			delinator in various roads under Sun Division)	
.00	10000.00	Earnest Mor	ectional	d fixing duel dir	Name of work: -A/R & M/o to various roads under Jalog Sub Division (SH:- Supplying and fixing duel directional	
5.00	498465.00	Estimated Co			Job No. :-	ا
		,				3
	Rs.	Words	Figure			2
_	AMOUNT	RATEIn	Unit	Qty.	Description of work	SI.

Executive Engineer
Shimla Rural Division
HPP D Dhami

						-	2
	Schedule Of Quantity	ity				Estimated	Estimated Cost:- 1,25,414.00
Mania	Name of Work - S/R to Diett Court complex at Chakker Shimla (S	r Shimla (H:- Dismantling toilets	g toilets	Earnest M	Earnest Money:- 2600.00
and Pro	and Providing and Fixing floor tiles & wall tile & sanitary fitting i/e PVC pipe with fitting etc	ry fitting i	e PVC	pipe wit		Time:- One Months.	ie Months.
in Proce	in Procecution Branch)						
S.No	Description of Work	No.of Qty.		Rate		Unit	Amount
				In figures	In words		
	2	ω.	4	5	6	7	8
-	Demolishing cement concrete manually/ by mechanical means including	6	Cum			Per cubic	
-	disposal of material within 50 metres lead as per direction of Engineer - in -						
	charge.	25 77	Cam			Per Square	
2	Dismantling tile work in floors and roofs faid in cement mortal including stacking material within 50 metres lead including carriage of materials with	23.07	Jihc			Metre	
	in all leads and lifts and as per the direction of Engineer in Charge.	(1)	C.133			Per cubic	
3	Providing and laying cement concrete 1:4:8 (1 Cement : 4 coarse sand : 8 gradedstone aggregate 40 mm nominal size) mechnical	6.14	cum			metre	
	mixed and curing complete including cost of continuity of the cont						
4	Providing and fixing 1st quality ceramic glazed wall tiles 30x45 cm conforming to IS: 15622 (thickness to be specified by the	25.67	Sqm			Per Square Metre	
	manufacturer), of approved make, in all colours, shades except 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	2 %	\$ 56.54				

	10	(ii)	,	9	∞		7	6	. u
75 mm dia	Providing and living to the providing and living the providing and living rubber washer 3 mm thick botts end. ISI marked insertion rubber washer 3 mm thick botts and less the complete including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts and complete including carriage of materials within all leads and lifts and complete including carriage of materials within all leads and lifts and complete including carriage of materials within all leads and lifts and complete including carriage of materials within all leads and lifts and complete including carriage of materials within all leads and lifts and complete including the provided with approved adhesive etc.	A feeing pVC single equal branch with oval access door,	ventilating pipes ISI marked lindram dia 110 mm dia 75 mm dia	Engineer-in-Charge Providing and fixing high pressure PVC spigot and socket, waste and providing and fixing high pressure PVC spigot and socket, waste and providing and fixing high pressure PVC spigot and socket, waste and providing and fixing high pressure PVC spigot and socket, waste and providing and fixing high pressure PVC spigot and socket, waste and providing and fixing high pressure PVC spigot and socket, waste and providing and fixing high pressure PVC spigot and socket, waste and providing and fixing high pressure PVC spigot and socket, waste and providing and fixing high pressure PVC spigot and socket, waste and providing high pressure PVC spigot and socket waste and providing high pressure PVC spigot and socket waste and providing high pressure PVC spigot and socket waste and providing high pressure PVC spigot and socket waste and providing high pressure provided high pressure providing high pressure provided high pressure providing high pressure providing high pressure providing high pressure providing high pressure provided high pressure provided high pressure providing high pressure providing high pressure provided high p	Providing and fixing PVC floor traps ISI marked of self cleaning Providing and fixing PVC floor traps ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and design including fixing with approved adhesive, cost of cutting and design including fixing with approved adhesive, cost of cutting and floors etc. complete including carriage of making good the wall and floors etc. complete including carriage of making good the wall and floors etc. complete including carriage of making good the wall and floors etc. complete including carriage of making good the wall and floors etc. complete including carriage of making good the wall and floors etc. complete including carriage of making good the wall and floors etc. complete including carriage of making good the wall and floors etc. complete including carriage of making good the wall and floors etc.	the direction of Engineer in Charge.	440 mm. Providing and fixing white vitreous china pedestal type water closet Providing and fixing white vitreous china pedestal type water closet Providing and fixing white P.V.C. (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. (European type W.C. pan) with seat and lift manually controlled device 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 lifts and as per required :including carriage of materials with in all leads and lifts and as per	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 flushingcisten orissa pattern 580 x	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
3.00		2.00	12.00	12.00	4.00		1.00	1.00	
. 140	Z	. N	Rmt.	Rmt.	, and	20	Z o	8	m pv
	100 100 100 100 100 100 100 100 100 100								
4	Each		Per Kunning Metre Fach	Metre	Per Running	Each		Each	Metre

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	1-						,				•	• •
21	20	19	18	17	16	27.	H	13	(ii)	12	(ii)	=
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	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.	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	Providing and fixing P.V.C connection pipe with bras unions. 30 cm length/ 45 cm. Length. 15 mm Nominal Size. Bore	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.	Providing and fixing C.P. Two way Angle cock (concealed) of standard esign 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.	Providing and fixing C.P. brass Angle cock (concealed) of standard esign 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.	Providing and fixing C.P Brass pillar tap with capstan head C.P Brass pillar tap with capstan head 15 mm dia	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.	75 mm dia	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete. 110 mm dia	75 mm dia	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
1.00	1.00	2.00	6.00	4.00	2.00	4.00	2.00	2.00	3.00	2.00	6.00	4.00
No	. No	 N 0	No	No	No.	N _o	No	No	No	No	No	N _o
#3#1 (#		9										
Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each

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

Executive Ergineer, Shimla Rural Divisjon, HP,P Dhami

12.0N.801

		Schedule Of Quantity	tv				Estimate	Estimated Cost:- 1,48,046.00
Ac.	Name o	Name of Work :- S/R to Distt. Court complex at Chakker Shimla (SH:- Di	r Shimla (SH:- D	ismantling toilets	g toilets	Earnest N	Earnest Money:- 3000.00
	Block o	Block of Bar Cousel and Providing and Fixing floor tiles & wall tile & san	& wall til	e & sai	nitary fitting etc.)	ting etc.)	Time:- 0	Time:- One Months.
	S.No	Description of Work	No.of Qty.		Rate		Unit	Amount
					In figures	In words		
	1	2	3	4	σ	6	7	8
	1	Demolishing cement concrete manually/ by mechanical means including	თ	Cum			Per cubic	
		disposal of material within 50 metres lead as per direction of Engineer - in - charge.					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	25.67	Sqm			Per Square Metre	
	u	Providing and laying cement concrete 1:4:8 (1 Cement : 4 coarse	6.00	Cum			Per cubic	
		sand: a gradedstone aggregate 40 mm nominal size) mechnical mixed and curing complete including cost of centring 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 incidential charges.					nene	
	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	25.67	Sqm			Per Square Metre	
		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						

'n Ξ 0 œ \equiv 9 \equiv 10 Providing and laying anti skid Ceramic glazed floor tiles of size and matching pigment etc complete including carriage of materials sturry @ 3.3 kg/sqm including pointing the joints with white cement White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement quality conforming to IS: 15622 of approved make in colours such as 300x300 mm (thickness to be specified by the manufacturer) of 1st within all leads and lifts and as per the direction of Engineer-inmortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement Providing and fixing white vitreous china pedestal type water closet ventilating pipes ISI marked including fitting with approved adhesive Providing and fixing high pressure PVC spigot and socket, waste and Engineer-in-Charge materials within all leads and lifts and as per the direction of making good the wall and floors etc. complete.including carriage of design including fixing with approved adhesive, cost of cutting and Providing and fixing PVC floor traps ISI marked of self cleaning the direction of Engineer in Charge. required :including carriage of materials with in all leads and lifts and as per complete, including cutting and making good the walls and floors wherever (handle lever), conforming to IS: 7231, with all fittings and fixtures flushing cistern, including flush pipe, with manually controlled device (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. Providing and fixing PVC single equal branch with oval access door, ISI marked insertion rubber washer 3 mm thick bolts and nuts approved adhesive etc. complete.including carriage of materials Providing and fixing PVC collars ISI marked including fixing with complete.including carriage of materials within all leads and lifts and Charge within all leads and lifts and as per the direction of Engineer-incomplete including fixing with approved adhesive etc. 110 mm dia as per the direction of Engineer-in-Charge 110 mm dia 75 mm dia 110 mm dia 75 mm dia 75 mm dia 2.00 13.32 4.00 3.00 15.00 15.00 3.00 4.00 4.00 Sqm Rmt. Rmt No Vo No No Z No Per Running Per Running Per Square Each Metre Each Each Metre Metre Each Each Each

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Г	Т	.		_		-			_	-	T-							-		_		-	_		_		1	
		21	20		Š	19		10	•	17			16				15		7				13			12	(ii)	=
Iolal NS.	Charge	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-	Disposal of excavated earth/ morrum from work of site to dumping site.	direction of Engineer-in-Charge	including carriage of materials within all leads and lifts and as per the	Providing and fixing C.P Brass waste for wash basin / Sink fittings complete.	materials within all leads and lifts and as per the direction of	including P.V.C. waste fittings complete, including carriage of	Browiding and fixing P.V.C. waste pipe for sink or wash basin	length/ 45 cm Length. 15 mm Nominal Size. Bore	Engineer in Charge.	carriage of materials with in all leads and lifts and as per the direction of	Providing and fixing 100 mm sand cast Iron grating for gully trap. including	the direction of Engineer-in-Charge 15 mm nominal bore.	including carriage of materials within all leads and lifts and as per	standard esign and of approved make conforming to IS:8931.	Providing and fixing C.P. Two way Angle cock (concealed) of	pillar tap with capstan head 15 mm dia	Providing and fixing C.P Brass pillar tap with capstan head C.P Brass	direction of Engineer-in-Charge 15 mm nominal bore.	carriage of materials within all leads and lifts and as per the	esign and of approved make conforming to IS:8931, including	Providing and fixing C.P. brass Angle cock (concealed) of standard	HPPWD specification of 1990 volume -1.	including carriage of material within all leads and lifts and as per	Providing and fixing 15 mm dia C.P Brass bib tap with Capstan head	75 mm dia	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete. 110 mm dia
		45.00	7.20	200		2.00			2.00	0.00	600		4.00				2.00		2.00				4.00			2.00	4.00	3.00
		No	No			No			No		Z O		No				No.		No				No.		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	No	No	No
		Each	Edu	Fo		Each			Each		Each		Each				Each		Each	-	_		Each			Each	Each	Each
		Ch	- =	h		<u></u>			<u>-</u>		ch		ch				ch		ch				ch			ch	5	Gh .
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Executive Engineer, Shimla Rural Division, HimwD, Dhami.

Jeb. 38

SCHEDULE OF QUANTITY

	5 C of & Pr	4 sp Ba	S P P P P P P P P P P P P P P P P P P P	2 Ea ma wit	1 Ex dis	-	No.	s.			Nai
	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.	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 up to leads as per the direction of Engineer-in-Charge.	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.	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 suitabale material as per MORD specification directed by Engineer-in-Charge.	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 deletorius materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in Charge.	2		Sub head and items of work		construction of R-Wall at RD. 2/880 to 2/895.50)	Name of Work: - Restoration of Rain Damages on Banuti Pahal Road Km. 0/00 to 16/150 (SH: -
	38.00	21.39	130.38	54.56	30.07	3		Qty.			0 to 16/15
	Rmt.	Cum	Cum	Cum	Cum						50 (SH:
							figures				•
						5	In words	Rate	Time: -	Earnest Mor	Estimated C
Total:	Per Running Metre	Per cubic metre	Per cubic metre	Per cubic metre	Per cubic metre	6		Unit	One Month	Earnest Money : - Rs. 10000 /-only	Estimated Cost: - Rs 496779 /- only
						7		Amount		000 /-only	779 /- only

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





	Schedule Of Quantity	tity	4			Estimated	Estimated Cost:- 4,97,242.00
Name	Name Of Work :- R/R damages on Galog Nehra Okhroo road Km. 0/00 to 12/00 (SH:-	hroo roa	d Km. 0/	00 to 12	/00 (SH:-	Earnest M	Earnest Money:- 10000.00
C/0 R,	C/O R/wall at Rd. 7/900 to 7/923)					Time:- On	Time:- One Months.
S.No	Description of Work	No.of Qty.	•	Rate		Unit	Amount
			5.	In figures	In words		
1	2	ω	4	S	6	7	8
	Earth work in excavation by mechanical means (Hydraulic excavator) /	20.7	Cum			Per cubic metre	
	manual means in foundation trenches or drains (not exceeding 1.5 m in		=	38			
	width or 10 sqm on plan), including dressing of sides and ramming of	9	4				
	disposal of surplus excavated soil as directed, within a lead of 50 m.as per				3	•	-
	the direction of Engineer-In-Charge.						
2	Earth work in excavation by mechanical means (Hydraulic excavator) /	52.21	·Cum			Per cubic metre	
	manual means in foundation trenches or drains (not exceeding 1.5 m in				*		
	bottoms, lift upto 1.5 m, including getting out the excavated soil and				2		
	disposal of surplus excavated soil as directed, within a lead of 50 m.as per						7
ω	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuffering - All work up to plinth level :-	130.41	Cum			Per cubic metre	
	(1:5:10) (One cement : five sand : Ten Graded stone aggregate 40mm		= 1				
	nominal size) and curing complete including the carriage of materials in all		+			8.	
ia.	reads line as per the direction of Engineer-In-Charge.		(E.		70		
4	Back filling behind abutment, wing wall and return wall and retaining wall	26.22	Cum			Per cubic metre	
	specification Clause 1204.3.8 (One thousand Two Hundred Four point	·					
1 2	Three Point Eight) including carriage of materials with in all leads and lifts			8			
	as per direction of the Engineer-in-Charge.				3		*
c ₀	Providing and laying 100mm dia metre PVC pipe for wheep holes	34.00	Rmt.			Per Running	
	complete of approved quality Including carriage of material within all leads and lifts.	,	s <u>r</u>			Metre	
			Total Rs.				
		6-					

Jad. 40

				· ·	-	-	S.No	Na C/0	7
and lifts.	5 Providing and laying 100mm dia metre PVC pipe for wheep holes complete of approved quality Including carriage of material within all leads	Back filling behind abutment, wing wall and return wail 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.	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.	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)	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.	2	No Description of Work	Name Of Work :- R/R damages on Galog Nehra Okhroo road Km. 0, C/O R/wall at Rd. 6/870 to 6/893)	Schedule Of Quantity
	34.00,	wall 26.22 nnical point d lifts	grade 130.41 level :- 40mm ls in all	52.21 n		ω	No.of Qty.	Okhroo ro	uantity
Total Rs.	Rmt.	Cum	Cum	Cum	Cum	4	<i>'</i> -	ad Km. 0,	
		-				In figures	Rate		
						In words		/00 to 12/00 (SH:-	
	Per Running Metre	Lei cante more	Per cubic metre	Per cubic metre	Per cubic metre	7	Unit	Earnest Timie:- C	Estimate
				, ni	re	8	Amount	Earnest Money:- 10000.00 Time:- One Months.	Estimated Cost:- 4,97,242.00
	-	ξ						.00	12.00

Executive Engineer Shimla Rural Divisi HPHND Dhamil

SCHEDULE OF QUANTITY

Oty Oty		construction of R-Wall at RD. 15/369 to 15/376)	Name of Work: - Restoration of rain damages on Banuti Pahal Road km. 0/00 to 16/150 (SH: -	
Rate	Time: -	Earnest Mo	Estimated (
Unit	One Month	Earnest Money : - Rs. 5000 /-only	Estimated Cost: - Rs 270882 /- only	
Amount		/-only	2 /- only	

				Time.	0.00	
0	Sub head and items of work	Qty.		Rate	Unit	Amount
5 9			figures	In words		
	2	3	4	5	6	,
].	Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing	11.66 Cum		•	Per cubic metre	
	of excavated earth with a lift upto 1.5 iii and a lead upto 20 iii as per diawnig and fediment open MORD.	lie.				
	specification directed by Engineer-in Charge.				-	
2		20.16 Cum			Per cubic	
			,			
T	_	70.95 Cum	,		Per cubic	
ω	Providing and Laying cement concrete for plant / femores conc. in open concrete 1.5:10 (1 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 per drawing and Laying cement concrete 1.5:10 (1				metre	
	upto all leads and lifts as per the directions of Engineer-in-Charge.				Per cubic	
4		12.82 Call			metre	×
	upto leads as per the direction of Linguistics moscopy (plain reinforced concrete abutment, wing	44.00 Rmt.			Per Running	
5					Metre	9
	wall, return wall with the first parties as per drawing and technical specification. Including 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 English					
-					lotal:	

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



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	
aggregate 20mm nominal size) and curing complete excluding cost of form work in Foundation and plinth	ie
balconies, beams, girders, bressumers and cantilevers up to all floor level.	
	26.80
	26.80
	26.80
26.80	
	Cum
3	
P	q q
Per cubic metre Per cubic metre	Per cubic metre Per cubic
Per cubic metre Per cubic metre	Per cubic metre Per cubic

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

Name of Work:- Annual Reapair & Maintenance on Non Resdidential buildings under HPPWD Dhami Sub Division (Sh: Providing & applying distemdpering, exterior paint and painting work in JE office at Dargi) Estimated Cost: - Rs 154014 /- only Earnest Money: - Rs. 3000 /-only

No. S	Sub head and items of work	Oty.	20			Rate	- Ca
-	2				figures	figures	figures
1	including necessary renaise to continue the proofing cement paint and the like by scrapping, sand papering and prepared to continue the continue to the contin	Т	Т	3	3 4	3 4	3 4
2	ng and applying white compact because		100m 455.//		455.//	455.//	455.//
	plastered wall surface to prepare the surface even and smooth complete including carriage of material upto all leads and litts as per the directions of Engineer in Charge.	100	the 455.77	100	455.77	455.77	455.77
ω	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade: Old work (One or more coats) including carriage of material upto all leads and litts as per the directions of Engineer in Charge.		or 124.72		124.72	124.72	124.72 SQm Pe
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 cernent including carriage of material upto all leads and lifts as per the directions of Engineer in Charge		n) 784.06		784.06	784.06	784.06
Ch.	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 foregin matter: including carriage of material upto all leads and lifts as per the directions of Engineer in Charge. With Enamael Paint other than white		to 35.66		35.66	35.66	35.66
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.		he 35.66		35.66	35.66	35.66
<u></u>	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 foregin matter sand papering and stopping with Enamel Paint other than white		to 159.60		159.60	159.60	159.60 SQm
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.		he 159.60		159.60	159.60	159.60
. 7	Providing and placing on tarrace (at all floor levels) polyethylene water storage tank, IS: 12701 marked, with cover and surtable locking arrangement to various capicity 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		the 1000.00		1000.00	1000.00	1000.00 Ltrs. F
0	Dr.						
9							

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



Draft SCHEDULE OF QUANTITY

Jed No. 44

1			Sr.No.	1	100+	Z	S
Excavation in earthwork in hilly area all hights and depth, in all kind of soil including saturated soil comprising of mixed soil, ordinaryrock 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 stabality 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 techanical specification for Rural Road, August 2004 and clause 16.2 of General Conditions for Contract to achieve designed formation wodth including hauling and stacking of material useful for construction at suitable sites and safe disposal of unsuitable cut matereial inspecified dimensions or as directed by the Engineer-in - Charge for smooth riding. The specified dimensions or as directed by the Engineer-in - Charge for smooth riding. The		5/210 to 5/225).	Name of work:-AIR & M/O to Galog Nehra Okhru road KM 0/0	Draft Shedule of Quantity			Description of work
1173.750 m3			S B/W KM 5/02				Qty.
Per Cubi c metre			5 to 5				Unit
			070 &		a	Figure	6
	Time limit:	Earnest Mor	Estimated C			e Words	RATE In
	Two Month.	5100.00	252356.00			Rs.	AMOUNT

Executive Engineer
Shimla Rund Division
HPIND, Dhami

Jas. No. 45

CALP	Schedule Of Quantity	,				Estimated	Estimated Cost:- 2,86,625.00
Name 0	Name Of Work :- C/O link road to pandoa Temple km. 0/00 to 0/500 (SH:- C/O R/wall &	0 to 0/5	-:HS) 00	C/0 R/v	vall &	Earnest Mo	Earnest Money:- 10000.00
B/wall 8	B/wall & Parapets at various Rds.)		,		*	Time:- One Months.	Months.
S.No	Description of Work	No.of Qty.		Rate		Unit	Amount
**		١		In figures	In words		
1	2 .	3	4	υ	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,	16.64	Cum		3	Per cubic metre	ă
	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.		*				
N	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,	30.8	Cum			Per cubic metre	
	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)						
ω	Providing and laying cement concrete 1:5:10 (one cement is to five sand is to Ten graded stone aggregate 40mm forty milimetre nominal size) and curing the available providing cost of form work in foundation and plinth with nidilite or	41.930	Cum	ta E	1 12 a	Per cubic metre	
1	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.			a .			
4	Stone masonary in cement mortar for substructure complete as per drawing & technical specifications clause 702, 704,1202 & 1204 R/R masonary in cement	30.460	Cum			Per cubic metre	
•	mortar (1:6) including carriage of materials with in all leads and lifts as perdirection of the Engineer-in-Charge.			•			
ڻ.	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	
		Tota	Total Rs.				

Exportivo Eriotest Shimle Rufal Divisit HPPWD Dhamber

Jes. 46

						Total Rs.	
	Per cubic metre			Cum	110.88	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bond macadom 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 course aggregate, watering and compacting to the required dencity 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.	4
	metre			Cum	158.810	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	ω
	Per Square Metre			Sqm	1270.5	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	2
	Per Square Metre			Sqm	1270.5	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.	1
8	7	6	S	4	3	2	1
Ашопис		In words	In figures		No.of Qty.	Description of Work	S.No
Earnest Money:- 10000.00 Time:- One Months.	Time:- One Months.	in km.	i-I, G-III,	H:- P/L G)/420 (SI	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))	Name C 0/00 to
Estimated Cost:- 4,94,423.00	Estimated				7	Schedule Of Quantity	

Executive Engineer, Shimla Rural Division, HPWD. Dhami

Tob. 47

Name Of Work: - C/O Karyali to Khoon road km. 0/00 to 0/420 (SH:- P/L Metalling and Earnest Money:- 9700.00 Time:- One Months.
0
Calling Work att with 0/00 to 0/ 100/
S.No Description of Work No.of Qty. Rate Unit Amount
In figures In words
1 2 3 4 5 6 7 8
Providing and applying primer coat with bitumen emulsion (SS-I) on prepared surface of granular base including cleaning the road surface with hydralic broom and spraying primer at ther ate 1.05 kg (one point zero five kilogramme) per square metre using mechnical means as per Technical Specifictions Clause 502 including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.
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 of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.

															ω
1		extra shall be applicable on this account.	department. The rate should be quoted accordingly. nothing	be Executed as per Job Mix formula approved by the	and as per the direction of Engineer-in-Charge. The work Should	508. including entire carraige of materials upto all leads and lifts	desired compaction as per MORT&H Specification Clause No.	smooth wheeled vibratory and tandem rollers to achieve the	to the required grade, level and alignment and rolling with	work, laying with a Hydrostatic paver finisher with sensor control	5.60 percent of mix and filler, transporting the hot mix to site of	specified grading, premixed with bituminous binder @ 5.40 to	output of 75 tonnes per hour using crushed aggregates of	120 TPH capacity batch type Hot Mix Plant producing an average	Providing & laying 25mm thick Bituminous concrete with 100-
								9							27.720
															Cum
															Per cubic

Executive Engineer, Shimla Rural Division, HPPWD. Dhami,

	Cutting in earth work in all heig comprising of pick, jumper, blasti out of rock (where blasting is problematically dewatering where ever required, bottoms and level as shown on according to HP.PWD specificaticand sorting out useful/un-useful transportation of the unuseful mimprovements and leveling to the in acquired width of road or on a including head load, animal load all lobour, machineries, materian necessary to complete the work by useful materials such as stones, shalong road side, which shall not be HR. = 63.89 Cum Qty. which shawork increase/ decreas in all cases per cubic metre shall be efacted an execution shall be the absolute recompensated by him in all respects	1	S.No.	Name of work:- Improve Curve Cutting in various
	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 mechanized means along with its leveling fine dressing and all lobour, 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/ decreas in all cases recovered from the contractor @ 300/- (Three Hundred only) per cubic meters 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.	2	Sub head and items of work	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)
	2555.72 Ci	3	Qty.	y o 14/370 (S
	Cum	In figure		H: -
\		In words	Rate	Estimated Cost: - Rs 485587 /- only Earnest Money: - Rs. 10000 /-only Time- One Month
Total:	cubic metre	6	Unit	: - Rs 485 : - Rs. 10
		7	Amount	5587 /- only)000 /-only

Executive Engineer Shimla Rural Division, HywD Dhami

Us ya

	1	سر		0.140	CNO	various Rds)	Name Of	
	Removal of slips/land slides in hilly area in all height and depth in all kind of soil such as ordinary soil, ordinary rock and hard rock including blasting (If required) by mechanical means including cutting and trimming of slopes and disposal of cut /unserviceable materials/debries upto indentified dumping site within all lead and lift as per technical specification 302.3.5 and 1611. including stacking of serviceable material on road side and neatly dressed the stacking of serviceable material on road side and neatly dressed the damages to govt/Private property took place, the contractor shall be liable for it and cost of repair/ restoration will be born/duly liable for it and cost of repair/ restoration will be born/duly of Engineer-in-charge including carriage of material within all leads and lifts asn as per HP. PWD., specification of 1990 volume-I and direction of Engineer-in-charge.		2		Description of Work	(ds)	Name Of Work :- R/R damages on link road to Mandrach km. 0/00 to 2/260 (SH:- Removal of Slips at	Schedule Of Quantity
	1901.20		ω		No.of Qty.		. 0/00 to 2/26	ntity
		Cum	4				0 (SH:- R	
			5	In figures	Rate		emoval of	
101			6	In words			Slips at	
I Oral No.	Metre	Per Cubic	7		Unit	Time:- (Earnest	Estimate
		C	8		Amount	Fime:- One Months.	Earnest Money:- 3300.00	Estimated Cost:- 1,61,602.00.00

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

SCHEDIILE OF OHANTITY

1	Tal
50	7

return wall with 100mm (one hundred millimeter) dia PVC pipe exten structure with slope of 1:20 (One verticle isto twenty horizontal) toward drawing and MORD technical specification clause 614, 709, 1204 hundred nine, one thousand two hundred four point three point seven) Charge including carriage of materials with in all leads and lifts and other and parapets up to all heights, depths and levels complete as per specification clause 1204.3.8 (one thousand two hundred four point through of all labour equipment and materials to various location of site through
Providing weep holes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, 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. 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.

Executive Engineer Shimla Ruval Division HPP Dhami

Page 1

	Schedule Of Quantity	ntitv		440		7	
Name (Of Work :- R/R damages on MI A Crossing to					esumated	Esumated Cost: - 3,79,176.00
CH-C	(SH:- C/O R/wall at Pd 0/000 to 0/020)) I wai M	ore road	km. 0/	00 to 1/630	Earnest M	Earnest Money: 7600.00
SNO	(Sin 2) 2 K/ Wan at Mu. 0/000 t0 0/816)					Time:- On	Time:- One Months.
	rescribation of MOLK	No.of Qty.		Rate		Unit	Amount
_	J.			In figures	In words		
1	Earth work in expansion by mochanical	ω	4	رن ز	6	7.	8
-	manual means in foundation trenches or drains (not exceeding 1.5 m in	12 ,	Cum .			Per cubic metre	
	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				640		
	disposal of surplus excavated soil as directed, within a lead of 50 m.as per the direction of Engineer-In-Charge.		a				
2	Earth work in excavation by mechanical means (Hydraulic excavator) /	15.84	Cum			Per cubic metre	
	width or 10 sqm on plan), including dressing of sides and ramming of	Ω.				(A)	
*	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 ner				Œ		
	the direction of Engineer-In-Charge (For Structure as per drawing)	7		a			
ω,	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:-	71.76	Cum			Per cubic metre	
	(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-Unaige.				2.		
4	Back filling behind abutment, wing wall and return wall and retaining wall	9.12	Cum			Per cubic metre	
	with granular material complete as per drawlings and work reclinical specification Clause 1204.3.8 (One thousand Two Hundred Four point		7)		1		
٠	Three Point Eight) including carriage of materials with in all leads and illustrate as per direction of the Engineer-in-Charge.						
5	Providing and laying 100mm dia metre PVC pipe for wheep holes complete of approved quality including carriage of material within all leads and life.	44.00	Rmt.			Per Running Metre	
			Total Rs.				





				Total Rs.	/		
	Per Running Metre			Rmt.	44.00	Providing and laying 100mm dia metre PVC pipe for wheep holes complete of approved quality Including carriage of material within all leads and lifts.	თ
re	Per cubic metre	94 2	9	Cum	9.12	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.	4
re	Per cubic metre			Cum	71.76	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.	ω
Tre	Per cubic metre	k	j. je	Cum	15.84	Earth work in excavation by mechanical means (Hydraulic excavator) I 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)	N
tre	Per cubic metre	er er		Cum	12	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.	
8	7	6	5	4	3	2	-
Amount	Unit	In words	Rate In figures		No.of Qty.	Description of Work	S.No
Time:- One Months.	Earnest I	00 to 1/630	km. 0/	ore road	Twai M	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)	Name (SH:- C
Estimated Cost:- 3,79,176.00	Estimate				ntity	Schedule Of Quantity	



Ind. 53

				Total Rs.		City make	
	Per Kunning Metre	٠		Rmt	51.40	Providing and laying 100mm dia metre PVC pipe for wheep holes complete of approved quality Including carriage of material within all leads	თ
	Per cubic metre		700	Cum	17.10	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.	4
	Per cubic mente	3	0	Cum	85.05	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.	ω
	Per cubic metre	y	1 2	Cum	34.05	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)	ν,
	Per cubic metre			Cum	13.5	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.	_
0	7	6	5	4	3	2	-
0		In words	In figures				3.No
Amount	Unit		Rate		No.of Qty.	Description of Work	CNO -1
ne Months.	Time: One Months	0/00 to 7/300 (SH:-Earnest Money:- 9200.00 Time:- One Months.		oad km.	Chanog 1	Name Of Work: R/R damages on Paughat to Shal Chanog road km. C/O R/wall at Rd. 7/190 to 7/205)	Name (
Estimated Cost:- 4,59,846.00	Estimated			A	ıtity	Schedule Of Quantity	



Jas. No. 54

	Schedule Of Quantity	tity				Estimated	Estimated Cost:- 2,17,491.00
Name O	Name Of Work :- R/R damages on Shimla Nalagarh road km. 7/00	road kn		22/00	to 22/00 (SH:- C/O	Earnest M	Earnest Money:- 4400.00
R/wall a	R/wall at Rd. 8/765 to 8/775)					Time: One Months	e Months.
S.No	Description of Work	No.of Qty.		Rate		Unit	Amount
-	SECONOMINAL A CAMEROPARAMENTO DA ANTIGORANO			In figures	In words		
	2	ω	4	υ	6	7	8
	Earth mark in exceptation by mechanical means (Hydraulic exceptator) /	۹	Ciim			Per cubic metre	
_	manual means in foundation trenches or drains (not exceeding 1.5 m in	C					
	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 diection of Engineer-in-charge.						
2	Earth work in excavation by mechanical means (Hydraulic excavator) /	22.7	Cum			Per cubic metre	
	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		1.00				
	the direction of Engineer-In-Charge (For Structure as per drawing)						
						P. L. Linner	
3	Providing and laying in position cement concrete of specified grade	56.70	Cum			Per cubic men e	
	excluding the cost of celliciting and situating for some of several (1.5:10) (One cement : five sand : Ten Graded stone aggregate 40mm						
	nominal size) and curing complete including the carriage of materials in all						
	Topos III oo por trie tiirossoo oo oo						
4	Providing and laying 100mm dia metre PVC pipe for wheep holes	23.00	KIII.			Metre	
	and lifts.					P. C.	
U1	Back filling behind abutment, wing wall and return wall and retaining wall with granular material complete as per drawings and MORD technical	11.40	cum			Let chore men	
	specification Clause 1204.3.8 (One thousand Two Hundred Four point	31					
	Three Point Eight) including carriage of materials with in all leads and lifts as per direction of the Engineer-in-Charge.						
			+1				
			Total Rs.				

Exacutive Engineer Shime Pural Divisi

18 ST

Name of Work: - Restoration of Rain Damages on Simoh Mandhorghat Nagar via Dargi Road 0/0 2/825 (Sh: C/o B-Wall at Rd. 0/600 to 0/615) and Cutting for the control of the c

4						
	ω π ω ω σ σ	N]_	No.	· s
Providing and Laying cement concrete for plain / reinforced conc. In open foundation 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 complete as per drawing and technical specification clause-802, 803, 1202 & 1203 in Cement complete as per drawing and lifts as per the directions of Engineer-in-Including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge.	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 suitabale material as per MORD specification directed by Engineer-in-Charge.	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 deletorius materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in Charge.	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 required, setting to the required line, grades, side slopes trimming bottoms and level as shown on the (One thousand Nine hundred Ninety) Volume-1 and sorting out useful/un-useful materials and ways, embankments for grades improvements and leveling to the required grades and lifts and transportation of the unuseful materials and of surplus excavated earth in acquired width of road or mechanical means along with its leveling in road of transportation including head load, animal load or mechanical means along with its leveling fine incidentals necessary to complete the work by mechanized means and labour (if any required), the stacked along road side, which shall not be less than one tenth of JW, one sixth of SR and one third of increase/ decreas in all cases recovered from the contracto @ 300/- (Three Hundred only) per cubic be the absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	3		
38.85		15.00	1262.45	409.	240	road in kn
Cum	Cum	Cum	Cum	į.		n. 0/00
			4			to 1/00)
			In words	Rate	Time: -	Earnest Mor
metre	Per cubic metre	Per cubic metre	Per cubic metre	Unit	One Month	Cost: - Rs 39i
			7	Amount	To comy	6438 /- only

sonry / stone masonry /plain reinforced concrete abutment, 22.35 Rmt. mm dia PVC pipe extending through the full with of the (H) towards drawing face complete as per drawing and g carriage of material upto all leads and lifts as per the	101			T
nt, 22.35 Rmt.	-			
nt, 22.35 Rmt.		arge.	direction of Engineer -in-Charge.	_
nt, 22.35 Rmt.		cluding carriage of material upto all leads and lifts as per the	technical specification .	
nt, 22.35 Rmt.		v):20(H) towards drawing face complete as per drawing and	structures with slop of	
nt, 22.35 Rmt.	Metr	100 mm dia PVC pipe extending through the full with of the	wing wall, return wall wit	
	Per Runni	k masonry / stone masonry /plain reinforced concrete abutment, 22.35 Rmt.	Providing weapholes in br	5

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

105

Executive Engineer Stands Rural Division HPPWD Dhamly

SCHEDULE OF QUANTITY

8

Nar	Name of Work:) (SH: Con	structi	ion of	Estimated Cost: - Rs 281503 /- on Earnest Money: - Rs. 6000 /-only Time: - One Month	ost: - Rs 2815 ey : - Rs. 600 One Month	03 /- only
0	Sub head and items of work	Qty.			Rate	Unit	
		ă.	T	figures	In words		
NO.	9	ယ			5	6	
_	Li L					Per cubic	
_	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 deletorius materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in Charge.	30.00	=			metre	3
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	21.30	Cum			Per cubic metre	
	backfilling in trenches with excavated suitabale material as per MORD specification directed by Engineer-in-Charge.				20		
ω	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 per drawing and technical specification clause-802, 803, 1202 & 1203 in Cement Concrete 1:5:10 per drawing and technical specification clause-802, 803, 1202 & 1203 in Cement Concrete 1:5:10 per drawing and technical specification clause-802, 803, 1202 & 1203 in Cement Concrete 1:5:10 per drawing and technical specification clause-802, 803, 1202 & 1203 in Cement Concrete 1:5:10 per drawing and technical specification clause-802, 803, 1202 & 1203 in Cement Concrete 1:5:10 per drawing and technical specification clause-802, 803, 1202 & 1203 in Cement Concrete 1:5:10 per drawing and technical specification clause-802, 803, 1202 & 1203 in Cement Concrete 1:5:10 per drawing and technical specification clause-802, 803, 1202 & 1203 in Cement Concrete 1:5:10 per drawing and technical specification clause-802, 803, 1202 & 1203 in Cement Concrete 1:5:10 per drawing clause-802 per drawin	77.70	Cum			Per cubic metre	
	(1 Cement : 5 sand: 10 graded stolle regulered to 100 material upto all leads and lifts as per the directions of Engineer-in-Charge.		*				
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 wall, return wall with 100 mm dia PVC pipe extending through the full with of the structures with wall, return wall with 100 mm dia PVC pipe extending through the full with of the structures with wall, return wall with 100 mm dia PVC pipe extending through the full with of the structures with wall, return wall with 100 mm dia PVC pipe extending through the full with of the structures with wall, return wall with 100 mm dia PVC pipe extending through the full with of the structures with wall, return wall with 100 mm dia PVC pipe extending through the full with of the structures with wall, return wall with 100 mm dia PVC pipe extending through the full with of the structures with wall, return wall with 100 mm dia PVC pipe extending through the full with of the structures with wall, return wall with 100 mm dia PVC pipe extending through the full with of the structures with wall, return wall with 100 mm dia PVC pipe extending through the full with of the structures with wall, return wall with 100 mm dia PVC pipe extending through the full with of the structure wall was a structure with the structure wall was a structure with the structure was a structure with the structure was a stru	7.10	Rmt.		į.	Per Running Metre	
	Including calliage of material upon all towns					Total:	

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



Name of work: Balance work G.P.S. Building Mandrech Tehsil Suni		Distt. Shimla (HP) (SH:-	,	Edillest Money. Tooggood
				Time:- One Months
oncrete work thereof)				
	of Oty.	Rate		Unit Amount
	-	In figures	In words	
	4	5	6	7
U	-		Rupees NIL	Per cubic
		=====	Only	metre
of the opening also to be solid in cement mortar 1:4 (1 centers : 4 sano) with second class bricks upto all floor level, including carriage in all leads, lifts and as per the direction of Engineer in charge.		8		
Form work:-Providing form work with steel plates 3.15mm (three point sorm work) think welded with angle iron in frame 30x30x5mm	-	8		
(thirty into thirty into five millimetres) so as to give a fair finish including thirty into thirty into five millimetres) so as to give a fair finish including thirty into thirty into five millimetres) so as to give a fair finish including thirty into thirty into thirty into five millimetres) so as to give a fair finish including thirty into thirty into thirty into five millimetres) so as to give a fair finish including thirty into thirty into five millimetres) so as to give a fair finish including thirty into thirty into five millimetres) so as to give a fair finish including thirty into thirty into five millimetres) so as to give a fair finish including thirty into thirty into five millimetres) so as to give a fair finish including thirty into thirty into five millimetres) so as to give a fair finish including thirty into thirty into five millimetres in the first thirty into thirty into five millimetres in the first thirty into thirty into five millimetres in the first				
ng and centering below supporting		240		
floor to ceiling not exceeding an inergine concrete work including carriage of material reinforced concrete and plain concrete work including carriage of material reinforced concrete and plain concrete work including carriage of material reinforced concrete and plain concrete work including carriage of material reinforced concrete and plain concrete work including carriage of material reinforced concrete and plain concrete work including carriage of material reinforced concrete and plain concrete work including carriage.				
	-	a	-	Per Squere
				In Care
haunching, cerminal that in all heights from floor including the interest as per the direction of the				
		m		Per Squere
				Metre
er the direction of the Engineer-In-				Per
١		mt ·		running
	55.10 R	•		metre
on control lay the should have the solid the s		No.of Qty. No.of Qty. 13.97 28.95 3 4 55.10	No.of Qty. No.of Qty. 13.97 Cum 13.97 Cum 28.95 Sqm	No.of Qty. Rate In figures In wo

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