

OFFICE OF THE EXECUTIVE ENGINEER, HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT KARSOG

PH: 01907-222229 Fax: 222229, e-mail: ee-kar-hp@nic.in

No.PW-KSG-E-Tenders/2021-22-

8209

Dated:- 2022

To

The Executive Engineer (IT), Cell HP PWD , Nirman Bhawan, Nigam Vihar Shimla-2.

Subject :-

Regarding publication of the tender on departmental site.

Enclosed please find herewith the copies of Notice Inviting Tender for the up loading on department web-site before 22-09-2022 as per notification issued by the Pr. Secy.(PW) to the Govt. of HP vide letter No. PBW(B)A(3)1/2020 dated 16th July, 2021. As the works mentioned in the Tender Notice are urgent in nature.

Encls:- As above.

Executive Engineer, B&R Division, HP PWD Karsog



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Sealed items rates tender on form 6 & 8 are hereby invited by the Executive Engineer HP,PWD, Karsog on behalf of Governor of Himachal Pradesh from the approved/eligible contractors enlisted in HP,PWD for the following works so as to reach in this office on or before 15-10-2022 upto 11:00 AM and shall be opened on the same day at 12.00 AM in presence of the contractor or their authorized representatives who may like to be present. The tender form can be had from this office against cash payment (Non refundable) upto 4.00 PM on 13-10-2022 for which the application should reach in this office upto 1:00 PM 13-10-2022.

The earnest money in shape of National saving certificate/time deposit account/saving account in any Nationalized Bank in H.P duly pledged in favour of the Executive Engineer Karsog Division HPPWD Karsog will be received along with application for obtaining tenders form. The conditional tenders will summarily be rejected. The offer of the tenders shall be kept open for 51 days from the date of opening of tender. The Executive Engineer, HP PWD, Karsog reserves the right to reject any or all tenders without assigning any reason. The contractors should append their enlistment/renewed certificates/sale Tax registration Numbers with the application for issue of tender form. If any of the date mentioned above happens to be holiday

r.	I - ma a at MAFK	Estimated Cost	Earnest Money	Cost of Tender	Time
1	Construction of Bhaironallah to village Shawadu road Km. 0/000 to 2/000 (SH: F/C 3/5Mtrs. Wide road in Km. 0/240 to 0/615) DC Deposit	2,49,848/-	5,000/-	350/-	One month
1	VKV/2022/1405). Construction of link road from Khanoul Bagra Khadpa to Dhawad Mandir via Kerta Km. 0/000 to 2/000 (SH: F/C 5/7 mtr. Wide road in Km. 0/000 to	4,03,837/-	8,100/-	350/-	One month
2	0/180). DC Deposit. Construction of Tractor road from Belley Chuda to Belly Km 0/00 to 1/300 (SH: F/C 3/5mtrs. Wide road	1,22,876/-	2,500/-	350/-	One month
3	in Km. 0/120 to 0/315). DC Deposit.	2,49,937/-	5,000/-	350/-	One month
4	Division (SH: C/O removal of stips at various RB st.	4,82,671/-	9,700/-	350/-	One month
5	8/R damages on Gagaoun Nallah Mamel road Km.	2,51,125/-	5,100/-	350/-	One month
6	R/R damages on Shimla Mandi road via Tatapani Km. 25/250 to 115/000 (SH: C/O R/wall at RD	3,61,416/-	7,300/-	350/-	One month
7	85/575 to 85/590).	4,65,439/-	9,400/-	350/-	One month
-	R/R damages on Sainj Sainjli via Gannu road Km 0/000 to 5/500 (SH: C/O Unlined drain maintenance	3,00,449/-	6,500/-	350/-	One month
	9 removal of slips at various RD's). Construction of Gadatha to Bakhedi road Km. 0/000 to 3/000 (SH: Widening of road in Km. 0/300 to	0 4,91,938/-	9,900/-	350/-	One month
	10 0/600). Construction of Batalabahli to Johal Nallah vi Kadehal road Km. 0/000 to 2/000 (SH: Widening of	a 1,25,844/-	2,600/-	350/-	One month

1	coad in Km. 0/000 to 0/150). Deposit Work. Repair of Panipather of Ropri via Baghhin Km. 0/000	4,44,201/-	8,90	00/-)) (// -	One month
1 "	o 6/000 (SH: Widening of road in Km. 0/030 to 1					month
-	0/495). DC Deposit.	3,86,831/-	86	00/-	350/-	Two
18	Construction of Play Ground at Govt. Sr. Sec. School Somakothi Tehsil Karsog Distt. HP (SH: C/O R/wall	3,80,831/-	0,0	00/		Months
8	at RD 0/000 to 0/010 & site development of pay					
	ground) DC Deposit.				250/	Two
	A/R & M/O on Kelodhar Sainj road Km. 0/000 to	4,91,703/-	9,9	000/-	350/-	Months
	19/000 (SH: P/L G-III & repair of Pot Holes in Km.					
14	0/000 to 4/000).	4,79,227/-	9.0	500/-	350/-	One
	R/R damages on Kot to Chindi via Jaban road Km.	4,17,2211				Month
	0/000 to 2/870 & Chindi to Dachhain road Km. 0/000 to 8/435 (SH: C/O unlined drain & removal of slips					
15	at various RD's).				2501	One
-	R/R damages on Karsog Palog road Km. 0/000 to	3,50,000/-	7,	000/-	350/-	Month
16	19/000 (SH: C/O R/wall at RD 2/090 to 2/120).		2	000/-	350/-	One
	R/R damages on various road under Karsog Sub-	1,52,695/-	. 5,	,υγυ/-	330	Month
	Division (SH: Removal of slips at various RD s).					
17	Sanarli Section.	4,00,844/	- 8	,200/-	350/-	One
	C/O Kot to Chindi via Jaban road Km. 0/000 to 2/915 (SH: Widening of road iin Km. 2/345 to 2/450).				250/	Month One
18	C/O Kot to Chindi via Jaban road Km. 0/000 to 2/915	4,22,458	.8	,500/-	350/-	Month
19	\(\text{QUE Widening of road in Km 1/040 to 1/125}\).		1	9,600/-	0ne	350/-
1.	Bellet to Bahan Gadhiman road Kill. 0700.	4,79,957	-	9,000	month	
	57000 (CH: C/O unlined drain maintenance	T				
	berm & removal of slips in Km. 0/000 to 3/000	/			T.	350/-
2	O SDP2021/349. R/R damages on Shimla Mandi road via Tattapar	ni 1,92,453	3/-	3,900/-	Two	
	Km. 55/500 to 61/000 (SH: C/O wire crate B/Wall a	at			months	
1 2	50/015 (50/025)		0/-	3,100/-	Two	350/-
-	. co : Wheel to Syanili road Nill. 0/000				months	3
	Repair of Seri Knad to Syanjii Islae drain ar 4/000 (SH: C/O unlined surface drain ar maintenance of earthen shoulders and & removal maintenance of earthen shoulders					
	slips at various RD's in Km. 0/000 to 4/00	0)				
			0/	7,200/-	Two	350/-
	t tamanage of Rangan Hally Fully	to 3,59,42	20/-	1,2007	month	S
	1 in C.D. Sawan Manunag in	The second secon				
						250/
	23 stone soling in Km. 0/000 to 0/300). SDF/2022/371 24 Construction of Tawa to Bunsaich road Km. 0/000		46/-	9,900/	- One Mont	
	24 Construction of Tawa to Bullsaren Total 3/000 (SH: F/C 5/7 mtrs. Wide road in Km. 0/150	to			Mon	.11
			17/	8,200	/- One	350/-
	CTave to Runsaich foau Kin. of other		-4 //-	0,200	Mon	th
	3/000 (SH: F/C 5/7 mtrs. Wide road in Kin. 6/30)	710				270/
	The state of the s		585/-	5,400		
	26 R/R damages on Bhanthal Punni road km. 0/000 4/000m(SH: C/O R/wall at RD 0/130 to 0/145).			0.700	Mor	
		0 to 4,70,	162/-	9,500)/- Or Mor	Part of the last
	27 R/R damages on Shiffia Maid Fold 83/120 115/000 (SH: C/O of R/wall at RD 83/120	to			Wio	
			773/-	9,00	0/- O	ne 350/
-	83/135). Repair of Rikki to Bahan Gadhiman road Km. 0 to 5/000 (SH: Widening of road in Km. 2/10	5 to 4,49,		,,,,,		nth
1	5,000 (CH: Widening of road in Km. 2/10	5 10				

TERMS & CONDITIONS:-

- 1. No tender form will be issued to those contractors who are not registered under HPGST
- 2. No tender form will be issued to those contractors who are not registered under EPF Act
- 3. The tender forms will not be issued to those contractors whose performance is not found satisfactory.
- 4. The earnest money for the above work should be attached with the application.
- 5. The intending contractors/firms shall have to produce the copy of latest enlistment and renewal enlisted in HP,PWD.
- 6. The work done performance certificate issued by the concerned Executive Engineer required to be produced by the contractor along with application and the tender form will be issued only those contractors who have similar work done.

7. As per Govt. Notification PW/CTR/32-20Genl Inst-CPWD/2020-19111-210 dated 25-10-2021 the tenders above 5% and below 30% of the estimated cost will be summarily rejected.

Executive Engineer

B&R Division

HPPWD Karsog Distt Mandi (H.P)

Cime:- One month	Earnest Money 5000	Estimated Cost Rs. 249848	
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Name of work:- Construction of Bhaironalla to Village Shawadu road km. 0/00 to 2/00 (SH:-F/C 3/5 Mtr. Wide in Km. 0/240 to 0/615) D.C. Deposit

	,		Sr. No.	VKV/Z
Total:-	Excavation in earth work in hilly area by mechanical means all heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification for Rural Roads August 2004 and Clause 16.2 of general condition for contract to achieve designed formation width including hauling and stacking of material useful for specified manner, trimming, filling of unevenness, blindage and finishing of the road specified dimensions or as directed by the Engineer-in charge for smooth riding, to specified done on prorata basis for the quantity of cutting in earth work 46108 /- only, shall be done on prorata basis for the quantity of cutting in earth work effected. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.		Sub-Head and items of works.	(VKV/2022/1405)
	1097.80		Qty.	
		In Figure		
		In Words	Rate	
	Per Cubic Metre		Unit.	**
			Amount	Amount



Time:- One mont	Earnest Money 8100	stimated Cost Rs. 403837

Sr. No. Name of work:- Construction of link road from Khanoul Bagra Khadpa to Dhawal Mandir via Kerata Km. 0/00 to 2/00(SH:-F/C 5/7 Mtr. Wide in Km.0/00

		1	
Total:-	all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification for achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in charge for smooth riding. The recovery of 283.16 cubic metre @ Rs. 300/- per cubic metre amounting to Rs. 84948 /- only, shall be done on prorata basis for the quantity of cutting in earth work shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	Excavation in earth work in hilly area by mechanical means all heights and doubt	THE RELIEF OF WOLKS.
	1635.30		Qty.
		In Figure	
		In Words	Rate
	Per Cubic Metre		Unit.



Name of work:- Construction of Tractor road from Belley Chuda to Belly Km. 0/00 to 1/300 (SH:-F/C 3/5 Mtrs. Wide road in Km. 0/120 to 0/315) D.C.

Sub-Head and the Construction of Tractor road from Belley Chuda to Belly Km. 0/00 to 1/300 (SH:-F/C 3/5 Mtrs. Wide road in Km. 0/120 to 0/315) D.C.

	Total:-	hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc. wedging out rock (where blasting is prohibited). All earth work in cutting/excavation, camber, super-elevation shall be carried out true to lines, grades, width, Engineer-in-charge, in conformity with the requirement of technical specification for achieve designed formation width including hauling and stacking of material useful for specified manner, trimming, filling of unevenness, blindage and finishing of the road The recovery of 75.59 cubic metre @ Rs. 300/- per cubic metre amounting to Rs. 22676/- only, shall be done on prorata basis for the quantity of cutting in earth work shall be the absolute responsibility of the contractor, which shall have to be duly	all kind of soil including the hilly area by mechanical means all heights and deaths in	
		39.90	In Figure	3
			gure In Words	Kate
		Per Cubic Metre		Unit.
The state of the s				Amount

Estimated Cost Rs.

Earnest Money
Time:-

249937 5000 One month

1	-	
(1	C
1	_	

Name of Work:- R/R damages on various road under Karsog Sub Division (SH:- Removal of slips at various RD's)

ordinary rock not requiring blasting by mechanically means in and trimming of slops and disposal of cut material with in all stacking the serviceable material and disposal of unserviceal per technical specification clause 302.3.5 and 1611 within all and other incidentals as per direction of Engineer-in Charge.		Sr. No. Sub-Head a
removal of land slide slip clearance:- Removal of land slides in hilly area in ordinary rock not requiring blasting by mechanically means including cutting and trimming of slops and disposal of cut material with in all leads and lifts, stacking the serviceable material and disposal of unserviceable material as per technical specification clause 302.3.5 and 1611 within all leads and lifts and other incidentals as per direction of Engineer-in Charge.		Sub-Head and items of works.
1977.35	In	Qty.
	In Figure	
	In Words	Rate
Per Cubic Metre		Unit.
		Amount



 Estimated Cost Rs.
 482671

 Earnest Money
 9700

 Time: One month

Name of Work:- R/R damages on Kao to Kanda road Km. 0/00 to 5/00 (SH:- Removal of slips at various RD's)

	-		Sr. No.
ordinary rock not requiring blasting by mechanically means including cutting and trimming of slops and disposal of cut material with in all leads and lifts, stacking the serviceable material and disposal of unserviceable material as per technical specification clause 302.3.5 and 1611 within all leads and lifts and other incidentals as per direction of Engineer-in Charge.	Removal of land slide slip clossopper	Sub-mead and items of works.	
3818.60		Qty.	
	In Figure		
	In Words	Rate	
Per Cubic Metre		Unit.	
		Amount	



Name of Work:- R/R Damages on Gagaun Nalla Mamail Road Km 0/00 to 3/510 (SH:- C/O unlined drain maintenance of berm & removal of slips in Km.

11me:-	Earnest Money	Estimated Cost Rs.
One month	5100	251125

		•		3			2			1		Sr. No.	
	and other incidentals as per direction of Engineer-in Charge.	stacking the serviceable material and disposal of unserviceable material and disposal of unservi	ordinary rock not requiring blasting by mechanically means include in	Removal of land slide slip at	all leads and lifts and other incidentals as per direction of Engineer in Characteristics and other incidentals as per direction of Engineer in Characteristics and other incidentals as per direction of Engineer in Characteristics and other incidentals as per direction of Engineer in Characteristics and other incidentals as per direction of Engineer in Characteristics and other incidentals as per direction of Engineer in Characteristics and other incidentals as per direction of Engineer in Characteristics.	adding fresh approved selected soil and compare to the design level by	Making and other incidentals as per direction of Engineer-in Charge.	and lifts and others and technical specification clause 307	Sqm. In qordinary rock to specified lines grade cross-sectional area 0.20	Cosntruction of unlined surface design	Sub-Head and items of works.		
			1109.88			3690.00			1245 00	Qty.			
									In Figure			annued dra	Inlined d
									In Words	Rate		unined drain maintenance of berm & removal of slips in Km.	
		Per Cubic Metre			Per Square Metre		Metre	Per Running	OIIII.	11-11		& removal of	
									Amount			slips in Km.	

HPPWD, Karsog Executive Engineer, Karsog Division,

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					Total:-	
					and other incidentals.	
	Metre				direction of engineer in charge including carriage of materials with in all leads, lifts	
	Per Cubic		Ö	16.50	Back filling behind abutment wing wall, retaining wall, Breast Wall & Return Wall	6
	Per Cubic Metre		ŏ	45.66	construction of dry Kubble masonry for retaining walls, breast walls, revertment walls and parapets etc. for sub-structure and super structure complete as per drawing and technical specification clauses 704 704.6& 1302.5 within all leads and lifts and other incidentals	v
	Per Cubic Metre		7		Stone masonary in cement mortar for sub structure complete as per drawing and technical specification clause 702,704,1202 and 1204 in cement mortar 1:6 (1cement 5sand) coursed rubber masonary with in all lead and lifts and other incidentals	
					with in all leads, lifts and other incidentals.	
					engineer in charge including carriage of materials with in all leads, lifts and other incidentals or as per direction of engineer in charge including carriage of materials.	
	Metre		16		nominal mix 1:4: 8. 40mm (forty miliMetre) nominal sizeor as per direction of	
	Per Cubic		1	4.01	Providing and laying concrete for plain /reinforced concrete in open foundation complete as per drawing and technical specification clause 802.803 1202 and 1203	L.
	INTORIO				or as per direction of engineer in charge including carriage of materials with in all leads, lifts and other incidentals. (1:6:12)	
	Per Cubic		ū	4.93	Providing and laying concrete for plain /reinforced concrete in open foundation complete as per drawing and technical specification clause 802,803 1202 and 1203	1
					oressing of side and bottom and backfilling in trenches with excavated suitable materials. As per direction of Engineer-in Charge including carriage of material within all leads and lifts and other incidentals.	
	Meter				stamps and other deleterious materials and disposal up to a lead of 50 Metre	
	Per Cubic		5	35.25	clause 305.1 including setting out constant of grawing and technical specification	
		In Words	In Fig		Earth work in excavation for structure of	_
Amount	Unit.	Rate		Qty.	Sub-ricad alld items of works.	
	to 85/590)	ead:- C/O R/wall at RD 85/575 to 85/590)	Sub Head:-	0 115/00 (Sub-Head and item of la Lattapant Km. 52/250	Sr. No.
	One Month	Time:-			Name of Work :- R/R Damages on Shimla Mandi road via Totte	Name (
	7300	Earnest Money				
	361416	Estimated Cost Rs.				

Estimated Cost Rs.
Earnest Money

465439 9400 One Month



					Total:-	To
	Each			30.00	Providing weepholes in bricks masonry/stone masonry plain /reinforced concrete abutment wing wall,return wall with 100mm dia PVC pipe extending through the full with the structure with slope of 1(V): 20(H) towards drewing face complete as per drawing and technical specification clause 614,709,1204.3.7 or as per direction of engineer in charge including carriage of materials with in all leads, lifts and other incidentals.	5 0 0 X a 7
	Per Cubic Meter			99.92	complete as per drawing and technical specification clauses 802,803,1202 and 1203 nominal mix 1:5:10 (one cement: five sand: ten graded stone aggregate) of 40mm and down gauge size. As per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	7 2 2 2 2
	Per Cubic Meter			8.58	clause 305.1 including setting out construction for shoring and technical specification stamps and other deleterious materials and disposal up to a lead of 50 Metre dressing of side and bottom and backfilling in trenches with excavated suitable materials. As per direction of Engineer-in Charge including carriage of material within Providing and laying concrete for nainfrainfrance.	71.01
	Per Cubic Metre			40.00	including dressing of sides and rammingof bottoms, upto any lift, including getting out theexcavated soil and disposal of surplus excavated soil as directed, within any lead or as per direction of engineer in charge including carriage of materials with in all leads, lifts and other incidentals.	
Amount	Unit.	In Words	In Fig	00	Earth work in excavation by mechanical means(Hydraulic excavator) / manual means in foundation transhaped and means in fo	_
		5 to 3/337)	t RD 3/315	Ofv.	Sr. No. Sub-Head and items of works. Orv. Orv. Orv. Details of Wall at RD 3/315 to 3/337)	No.

Estimated Cost Rs.	300449
Earnest Money	6500.00
Time	One month

Name of work:- Construction of Sainj Sainjli via Gannu road Km 0/00 to 5/500 (SH:-C/O Unlined Drain maintenance of earthen shouldred, Maintenance of brem & removal of slips at various RD's)

		Otv		Rate	Unit.	AIII VIII VIII
Sr. No.	Sub-Head and Items of works.		In Figure	In Words		
-	Cosntruction of unlined surface drains of average cross-sectional area 0.20 Sqm. In qordinary rock to specified lines, grades, levels and dimensions as per approved design and technical specification clause 307, within all leads and lifts and other incidentals as per direction of Engineer-in Charge.	3450.00			Per Running Metre	
2	Making up loss of material/irregularities on shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at OMC upto any as per technical specification clause 1903 within all leads and lifts and other incidentals as per direction of Engineer-in Charge.	5701.00			Per Square Metre	
		765.0			Per cubic Meter	
ω	Removal of land slide slip clearance:- Removal of land slides in hilly area in ordinary rock not requiring blasting by mechanically means including cutting and trimming of slops and disposal of cut material with in all leads and lifts, stacking the serviceable material and disposal of unserviceable material as per technical specification clause 302.3.5 and 1611 within all leads and lifts and other incidentals as per direction of Engineer-in Charge.	765.00	3			



Estimated Cost Rs.	491938
Earnest Money	9900
Time:-	One month

		-		Sr. No
Total:-	all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification for Rural Roads August 2004 and Clause 16.2 of general condition for contract to achieve designed formation width including hauling and stacking of material useful for specified manner, trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in charge for smooth riding. The recovery of 399.30 cubic metre @ Rs. 300/- per cubic metre amounting to Rs. 119790/- only, shall be done on prorata basis for the quantity of cutting in earth work effected. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	Topografion is post-	Sub-Head and items of works.	Sr. No. Sr. No. Sr. No.
	1815.00		Qty.	idening o
Name of the last		In Figure		f road in K
		In Words	Rate	m. 0/300 to 0/600)
	Per Cubic Metre		Unit.	
			Amount	

One month	Time:-
2600	Earnest Money
125844	Estimated Cost Rs.

compensated by him in all cases	all kind of soil including saturative hard rock. All work of rock cuttine necessary precautions against and to protect stability of hill sid wedging out rock (where blastir including rock excavation shall camber, super-elevation and levengineer-in-charge, in conforming Rural Roads August 2004 and (achieve designed formation widd construction at suitable sites an specified manner, trimming, filling to specified dimensions or as did the recovery of 77.41 cubic me 23224/- only, shall be done on peffected. Any loss to the public a shall be the absolute responsibility.		Sub	Sr. No. S. Construction of B.
	Lecture of the earth work in hilly area by mechanical means all heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification for Rural Roads August 2004 and Clause 16.2 of general condition for contract to achieve designed formation width including hauling and stacking of material useful for specified manner, trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in charge for smooth riding. The recovery of 77.41 cubic metre @ Rs. 300/- per cubic metre amounting to Rs. 23224/- only, shall be done on prorata basis for the quantity of cutting in earth work effected. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.		SUD-Head and Items of works.	Sr. No. Sr. No
	552.94		Qty.	. 0/00 to 2/
		In Figure		00 (SH:-W
		In Words	Rate	idening of road in Km.
	Per Cubic Metre		Unit.	0/00 to 0/150)
			Amoun	6.0.

1	a	7
1	1	Q
	-	$\overline{}$

In Figure Earnest Money Excavation in earth work in hilly area by mechanical means all heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all meessary precautions against soil erosion, damage to hill side, water pollution, etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is probibled). All earth work in cutting/excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification for Rural Roads August 2004 and Clause 16.2 of general condition for contract to construction at suitable sites and safe disposal of unsuitable cut material useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimensions or as directed by the Engineer-in charge for smooth riding. The recovery of 273.25 cubic metre @ Rs. 300/- per cubic metre amounting to Rs. 81975/- only, shall be done on prorata basis for the quantity of cutting in earth work effected. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly				Total.	
me of work:- Repair of Panipather to Ropri via Baghhin Km. 0/00 to 6/00(SH:-Widening of road in Km. 0/030 to 0/495) Sub-Head and items of works. Qty. In Figure In Words Essumated Cost Ks. 444201	Per Cubic Metre		1951.76	all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification for Rural Roads August 2004 and Clause 16.2 of general condition for contract to achieve designed formation width including hauling and stacking of material useful for specified manner, trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in charge for smooth riding. The recovery of 273.25 cubic metre @ Rs. 300/- per cubic metre amounting to Rs. 81975/- only, shall be done on prorata basis for the quantity of cutting in earth work effected. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	•
me of work:- Repair of Panipather to Ropri via Baghhin Km. 0/00 to 6/00(SH:-Widening of road in Km. 0/030 to 0/495) Sub-Head and items of works. Out. Panipather to Ropri via Baghhin Km. 0/00 to 6/00(SH:-Widening of road in Km. 0/030 to 0/495) One month Out. Rate Unit.			In Figure	Typopystion in earth work in hill.	-
me of work:- Repair of Panipather to Ropri via Baghhin Km. 0/00 to 6/00(SH:-Widening of road in Km. 0/030 to 0/495) Sub-Head and items of works. Orv. Rate Hadden		ANDREA	- 5		
me of work:- Repair of Panipather to Ropri via Baghhin Km. 0/00 to 6/00/SH-Widoning of road in Km. 0/05 (10.0/05) (1	1	Rate	Otv.	Sub-Head and items of works.	Sr. No.
nest Money)	Km 0/030 to 0/405)	dening of road i	work:- Repair of Panipather to Ropri via Baghhin Km. 0/00 to 6/00/SH:-W	Name o
nest Money	One mont				
imated Cost Ks.	8900				
The Day of the Party of the Par	444201	Estimated Cost Rs.			

Estimated Cost Rs. Earnest Money

386210 7800



ground) D.C. Deposit Name of Work :- C/O Play ground at Govt. Sr. Sec. School Somakothi Tehsil Karsog (SH:- C/O R/Wall at RD 0/00 to 0/010 & site development of play One Month

complete nominal mand down material w	2 Earth claus stamp dress mater all lea	all kir hard hece. and the wedge incluction cambe constitution to specific to specific to specific shall complete the shall shall complete the shall complete the shall complete the shall shall complete the shall complete the shall	Sr. No.
as per drawing and technical specification of as per drawing and technical specification of as per drawing and technical specification of as per direction of Engineer-type size. As per direction of Engineerity in all leads and lifts and other incidentals. The specifical specification of the specification of the specific direction of the specific directi	Earth work in excavation for structure as per drawing and technical specification clause 305.1 including setting out construction for shoring and bracing removal of stamps and other deleterious materials and disposal up to a lead of 50 Metre dressing of side and bottom and backfilling in trenches with excavated suitable materials. As per direction of Engineer-in Charge including carriage of material within all leads and lifts and other incidentals.	Excavation in earth work in hilly area by mechanical means all heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification for Rural Roads August 2004 and Clause 16.2 of general condition for contract to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimensions or as directed by the Engineer-in charge for smooth riding. The recovery of 107.00 cubic metre @ Rs. 300/- per cubic metre amounting to Rs. 32100/- only, shall be done on prorata basis for the quantity of cutting in earth work effected. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	Sub-Head and items of works.
10.40	14.00	764.26	Qty.
0	7		In Fig
			Rate In Words
Meter Per Cubic Metre	Per Cubic Meter Per Cubic	Per Cubic Metre	Unit.
			Amount

abutment wing wall, return wall with 100mm dia PVC pipe extending through the full with the structure with slope of 1(V): 20(H) towards drewing face complete as per drawing and technical specification clause 614,709,1204.3.7 or as per direction of engineer in charge including carriage of materials with in all leads, lifts and other incidentals.	ng through the full complete as per sper direction of ds, lifts and other

Estimated Cost Rs.

Earnest Money

9900



Name of work:-A/R & M/O Kelodhar Sainj road Km. 0/00 to 19/00 (SH:-P/L G-III and Repair to Pot holes in Km. 0/00 to Time:-One Month

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Sr. No.	Sub-Head and items of works.	Qty.		Rate	Unit.
			In Fig	In Words	
-	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bond macadom specification including spreading in uniform thickness, hand	42.99	`		Per Cubic Meteer
	packing, rolling with smooth wheel roller 80/100 KN in stages to proper grade and camber, applying and brooming, stone screening to fill up the interstices of course aggregate, watering and compacting to the required dencity grading-III as per technical specification clause 405 by manual means. or as per direction of engineer in charge including carriage of materials with in all leads, lifts and other incidentals.				
2	Repair of pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat with bitumen emulsion 20mm (twenty milliMetre) thick premix carpet using colonicBitumen emulsion as per technical specification. as per direction of Engineer-in-Charge within all leads, lifts and other incidentals.	1124.82	2		Per Square Meter
	Total:				

9600	475810	G
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Name of Work:-R/R damages on Kot to Chindi via Jaban road Km. 0/00 to 2/870 & Chindi to Dachhain road Km. 0/00 to 8/435 (SH:-C/O unlined drain and removal of slips at varous RDs)

Estimated Cost Rs.

Earnest Money

Time:-

One month

	Metre		3215.81	Removal of land slide slip clearance:- Removal of land slides in hilly area in ordinary rock not requiring blasting by mechanically means including cutting and trimming of slops and disposal of cut material with in all leads and lifts, stacking the serviceable material and disposal of unserviceable material as per technical specification clause 302.3.5 and 1611 within all leads and lifts and other incidentals as per direction of Engineer-in Charge.	2
	Metre		3255.00	Cosntruction of unlined surface drains of average cross-sectional area 0.20 Sqm. In qordinary rock to specified lines, grades, levels and dimensions as per approved design and technical specification clause 307. within all leads and lifts and other incidentals as per direction of Engineer-in Charge.	_
Allouis	CILL	Rate In Words	Qty. In Figure	Sub-Head and items of works.	Sr. No.
Amount	Track				



	4	ω	1		_		Sr. No.	Name o		
Total:-	Providing weepholes in bricks masonry/stone masonry plain /reinforced concrete abutment wing wall, return wall with 100mm dia PVC pipe extending through the full with the structure with slope of 1(V): 20(H) towards drewing face complete as per drawing and technical specification clause 614,709,1204.3.7 or as per direction of engineer in charge including carriage of materials with in all leads, lifts and other incidentals.	Back filling behind abutment wing wall, retaining wall, Breast Wall & Return Wall complete as per drawing & technical clause 1204.3.8 Granular materials, or as per direction of engineer in charge including carriage of materials with in all leads, lifts and other incidentals.	complete as per drawing and technical specification clauses 802,803.1202 and 1203 nominal mix 1:5:10 (one cement: five sand: ten graded stone aggregate) of 40mm and down gauge size. As per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	clause 305.1 including setting out construction for shoring and technical specification stamps and other deleterious materials and disposal up to a lead of 50 Metre dressing of side and bottom and backfilling in trenches with excavated suitable materials. As per direction of Engineer-in Charge including carriage of material within all leads and lifts and other incidentals.	Earth work in expansion for ottootics	Sub-Head and items of works.	Sch Hand Fring Foad km. 0/00 to 19/00 (Sub Head	Name of Work :- R/R Damages on Karson Porton		
	. 15.00	15.20	76.34	23.40		Qty.	1:- C/O R/			
	0				In Fig		wall at RI			
					In Words	Rate	D. 2/090 to 2/110)	Time:-	Earnest Money	Estimated Cost Rs.
	Each	Per Cubic Metre	Per Cubic Meter	Per Cubic Meter		Unit.		One Month	7000	349485
						Amount				



Name of Work:- R/R damages on various road under Karsog Sub Division (SH:- Removal of slips at various RD's)

Time:-

Estimated Cost Rs.
Earnest Money

152695 4000 One month

Sub-Head and items of works. Qty.	Rate	Unit.
In Figure	gure In Words	
Removal of land slide slip clearance:- Removal of land slides in hilly area in ordinary rock not requiring blasting by mechanically means including cutting and trimming of slops and disposal of cut material with in all leads and lifts, stacking the serviceable material and disposal of unserviceable material as per technical specification clause 302.3.5 and 1611 within all leads and lifts and other incidentals as per direction of Engineer-in Charge.		Per Cubic Metre

Time:-

Estimated Cost Rs. Earnest Money

464515 9300 One month

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		1		Sr. N
		Đ		Vo.
Total:	all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification for Rural Roads August 2004 and Clause 16.2 of general condition for contract to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in charge for smooth riding. The recovery of 212.27 cubic metre @ Rs. 300/- per cubic metre amounting to Rs. 63682/- only, shall be done on prorata basis for the quantity of cutting in earth work effected. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	Excavation in earth work in hilly area by mechanical moons all the state of the sta	and tems of works.	Sr. No. Sub-Head and items of Sub-Head and I
	1516.24 or		Qty.	SH:- Wide
	4	In Figure		ning of roac
		In Words	Rate	l in Km. 2/345 to 2/450
	Per Cubic Metre		Unit.	9

•	Earnest Money	ated Cost Rs.
One month	6600	326469

Tu	2 9 0 4 1 3 9 0 0 7 5 0 7 5 0 7	_		Sr. No.
Total:-	hard rock. All work of rock cutting by blasting shall be carried out by taking all and to protect stability of hill side. Rock shall be excavated with chiseling and including rock excavation shall be carried out the taking all and to protect stability of hill side. Rock shall be excavated with chiseling and including rock excavation shall be carried out true to lines, grades, side slopes, width, Engineer-in-charge, in conformity with the requirement of technical specification for achieve designed formation width including hauling and stacking of material useful for specified manner, trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in charge for smooth riding. The recovery of 149.19 cubic metre @ Rs. 300/- per cubic metre amounting to Rs. 44757/- only, shall be done on prorata basis for the quantity of cutting in earth work shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	Excavation in earth work in hilly area by mechanical means all heights and doubted		Sub-Head and items of works. Sub-Head and items of works.
	y rock and y rock and yexcavation, etc. ig and yexcavation, slopes, width cted by the cification for iract to erial useful foals in g of the road ooth riding. Inting to Rs. I earth work of excavation o be duly	nd double :		0/00 to 2/915
	stc. stc. stc. stc. stc. stc. stc. stc.		Qty.	0/00 to 2/915 (SH:- Wide
	y rock and y rock and y rock and y excavation, slopes, width, cted by the cification for tract to terial useful for als in g of the road tooth riding. Inting to Rs. In earth work of excavation for excavation for earth work of excavation to be duly		Qty.	0/00 to 2/915 (SH:- Widening of roa
	stc. stc. stc. stc. stc. stc. stc. stc.		Qty. Rate	0/00 to 2/915 (SH:- Widening of road in Km.1/735 to 1/870
	stc. stc. stc. stc. stc. stc. stc. stc.	In Figure	Qty. Rate Unit.	0/00 to 2/915 (SH:- Widening of road in Km.1/735 to 1/870)

Karsog Division, HPPWD, Karsog



Name of Work:- Repair of Rikki to Bahan Gadhiman road Km. 0/00 to 5/00 (SH:- C/O unlined drain maintenance of berm & removal of slips in Km. 0/00 to

Time:-

9600 One month

Estimated Cost Rs.
Earnest Money

479957

Per Cubic Metre		53	2181.53	Removal of land slide slip clearance:- Removal of land slides in hilly area in ordinary rock not requiring blasting by mechanically means including cutting and trimming of slops and disposal of cut material with in all leads and lifts, stacking the serviceable material and disposal of unserviceable material as per technical specification clause 302.3.5 and 1611 within all leads and lifts and other incidentals as per direction of Engineer-in Charge.	w
Per Square Metre		0	6196.50	Making up loss of material/irregularities on shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at OMC upto any as per technical specification clause 1903 within all leads and lifts and other incidentals as per direction of Engineer-in Charge.	2
Per Running Metre		0	2940.00	Sqm. In qordinary rock to specified lines, grades, levels and dimensions as per approved design and technical specification clause 307. within all leads and lifts and other incidentals as per direction of Engineer-in Charge.	
	In Words	In Figure			-
Unit.	Rate		Qty.	Sub-Head and items of works.	DI. 140.

Executive Engineer, Karsog Division,

HPPWD, Karsog

SCHEDULE OF QUANTITY

Estimated Cost Rs.

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Time:-Earnest Money 192453 3900 Two Months

	2	_		Sr. No.	Name of
Total:-	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS:280 and IS:4826 in 100 mm x 100 mm (one hundred into one hundred milliMetre) mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less then 25 kg (Twenty five kilogram) Each as per drawing and technical specification Clause 1301 within all leads and lifts	Earth work in excavation for structure as per drawing and technical specification clause 305.1 including setting out construction for shoring and bracing removal of stamps and other deleterious materials and disposal up to a lead of 50 Metre dressing of side and bottom and backfilling in trenches with excavated suitable materials. As per direction of Engineer-in Charge including carriage of material within all leads and lifts and other incidentals.		Sub-Head and items of works.	Name of work:- R/R Damages on Shimla Mandi road via Tattapani Km. 55/500 to 61/00 (SH:- C/O Wire crate B/Wall at RD 58/015 to 58/025)
	57.60	22.851		Qty.	H:- C/O W
			In Fig		ire crate B/
			In Words	Rate	Wall at RD 58/015 to 58/0
3	Metre	Per Cubic Metre		Unit.	25)
				Amount	



removal of slips at various RD's in Km. 0/00 to 4/00) SDF/2022/587 Name of Work:- Repair of road Seri Khad to Syanjli road Km. 0/00 to 4/00 (SH:- C/O unlined surface drain and maintenance of earthen shoulders and

Time:-

Estimated Cost Rs.

Earnest Money

3050 Two Months

150450

w	2		Sr. No.
Removal of land slide slip clearance:- Removal of land slides in hilly area in ordinary rock not requiring blasting by mechanically means including cutting and trimming of slops and disposal of cut material with in all leads and lifts, stacking the serviceable material and disposal of unserviceable material as per technical specification clause 302.3.5 and 1611 within all leads and lifts and other incidentals as per direction of Engineer-in Charge.	Making up loss of material/irregularities on shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at OMC upto any as per technical specification clause 1903 within all leads and lifts and other incidentals as per direction of Engineer-in Charge.	Cosntruction of unlined surface drains of average cross-sectional area 0.20 Sqm. In qordinary rock to specified lines, grades, levels and dimensions as per approved design and technical specification clause 307. within all leads and lifts and other incidentals as per direction of Engineer-in Charge.	Sub-Head and items of works.
415.36	3126.00	1245.00	Qty.
			In Figure
			Rate In Words
Per Cubic Metre	Per Square Metre	Per Running Metre	Unit.
			Amount

SCHEDULE OF QUANTITY

Estimated Cost Rs. 359420

Earnest Money 7200

Time:- Two Months

Name of work:- Repair and Maintenance of Rangan Hand Pump to Kutaldhar road in G.P. Sawan Mahun in Tehsil Karsog Distt. Mandi (SH:- ROFD & P/L stone soling

side slope and disposing of excavated earth with all lift upto any mtrs and per techanical specification clause 1603.1 or as per direction of engineer in charge including carriage of materials with in all leads, lifts and other incidentals. or as per direction of engineer in charge including carriage of materials with in all leads, lifts and other with in all leads, lifts and other incidentals. 1 Preparation of sub grade by dressing to camber (earth work for cutting involved for sub grade to be paid for separately) depanding upon the classification of soil including carriage of material within all leads and lifts and other incidentals. 2 Condolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and refilling the sub gifrade comlected as per HPPWD specifications as per direction of Engineer-in-Charge including spreading, watering and roller to be required gradient and camber including spreading, watering and rolling of biding material, moorm or erath etc. as per directions (finished work including material within all leads and lifts and other incidentals.	of. No.	Sub-Head and items of works.
side slope and disposing of excavated earth with all lift upto any mtrs and any lead upto any mtrs as per techanical specification clause 1603.1 or as per direction of engineer in charge including carriage of materials with in all leads, lifts and other incidentals. Or as per direction of engineer in charge including carriage of materials with in all leads, lifts and other sub grade to be paid for separately) depanding upon the classification of soil completed as per HPPWD specifications as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals. Condolidation of sub grade with road roller including making good the undulations etc. with earth or quarry soil etc. and refilling the sub gfrade comlected as per HPPWD specifications as per direction of Engineer-in-Charge of material within all leads and lifts and other incidentals. Stone soling properly hand packed filling intorstics with Kharanja stone soling and consolidating watering and rolling of biding material, moorm or erath etc. as per HPPWD specifications (finished work including material and labour) as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	-	
Preparation of sub grade by dressing to camber (earth work for cutting involved for sub grade to be paid for separately) depanding upon the classification of soil completed as per HPPWD specifications as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals. Condolidation of sub grade with road roller including making good the undulations etc. with earth or quarry soil etc. and refilling the sub gfrade comlected as per HPPWD specifidations as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals. Stone soling properly hand packed filling intorstics with Kharanja stone soling and consolidating with power road roller to be required gradient and camber including, spreading, watering and rolling of biding material, moorm or erath etc. as per HPPWD specifications (finished work including material and labour) as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.		disposing of excavated earth with all lift upto any mtrs and any lead as per techanical specification clause 1603.1 or as per direction of harge including carriage of materials with in all leads, lifts and other as per direction of engineer in charge including carriage of materials with sand carriage of materials.
Condolidation of sub grade with road roller including making good the undulations etc. with earth or quarry soil etc. and refilling the sub gfrade comlected as per HPPWD specifidations as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals. Stone soling properly hand packed filling intorstics with Kharanja stone soling and consolidating with power road roller to be required gradient and camber including, spreading, watering and rolling of biding material, moorm or erath etc. as per HPPWD specifications (finished work including material and labour) as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	-	
	2	
	1.0	

One month	9900	492946	
			(V)

Estimated Cost Rs.
Earnest Money

Time:-

Total:-	all k harc neck and wed inclu cam Engi Rura achii cons spec to sp The 9097 effec shall	1 Exca		Sr. No.	vame of wo
	all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc. wedging out rock (where blasting is prohibited). All earth work in cutting/excavation, camber, super-elevation shall be carried out true to lines, grades, side slopes, width, Engineer-in-charge, in conformity with the requirement of technical specification for Rural Roads August 2004 and Clause 16.2 of general condition for contract to achieve designed formation width including hauling and stacking of material useful for specified manner, trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in charge for smooth riding. The recovery of 303.23 cubic metre @ Rs. 300/- per cubic metre amounting to Rs. 90970 /- only, shall be done on prorata basis for the quantity of cutting in earth work effected. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	Excavation in earth work in hilly area by mechanical means all backs.		Sr. No. Sub-Head and items of works. Sub-Head and items of works.	k:- Construction of Tawa to Barrier
	or 2165.94		Qıy.	/C 5/7 Mtrs	
		In Figure		wide in Km.	
		In Words	Rate	0/150 to 0/350)	Time:-
	Per Cubic Metre	1	Unit.		One month
			Amount		

Karsog Division, HPPWD, Karsog Executive Engineer,

Estimated Cost Rs.

Earnest Money
Time:-

496943 10000 One month

Executive Engineer, Karsog Division, HPPWD, Karsog Total:-



Time:	Earn	Estin
Ÿ	est Money	nated Cost Rs.
One Month	5400	268685

	6	5	4	w	2	_		Sr. No.
Total:-	Back filling behind abutment wing wall, retaining wall, Breast Wall & Return Wall complete as per drawing & technical clause 1204.3.8 Granular materials. As per direction of Engineering-Charge including carriage of materials within all leads and lifts and other incidentals.	Construction of dry bubble masonry for retaining walls, breast walls, revetment walls and parapets etc. for sub-structure and super structure complete as per drawing and technical specification clauses 704 704.6& 1302.5 within all leads and lifts and other incidentals	Stone masonry in cement mortar for sub structure complete as per drawing and technical specifications clause 702, 704. 1202 1204 & in cement mortar 1:6 (1 cement: 6 sand) R/R masonry within all leads and lifts and other incidentals.	Providing and laying concrete for pain/reinforced concert in open foundations complete as per drawing and technical specification clauses 802,803.1202 and 1203 nominal mix 1:4:8. As per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	Providing and laying concrete for pain/reinforced concert in open foundations complete as per drawing and technical specification clauses 802,803.1202 and 1203 nominal mix 1:6:12 as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	Earth work in excavation for structure as per drawing and technical specification clause 305.1 including setting out construction for shoring and bracing removal of stamps and other deleterious materials and disposal up to a lead of 50 Metre dressing of side and bottom and backfilling in trenches with excavated suitable materials. As per direction of Engineer-in Charge including carriage of material within all leads and lifts and other incidentals.		Sr. No. Sub-Head and items of works. Oty.
	14.70	31.74	21.78	2.64	4.23	30.75	83.	Ofv.
		+					In Fig.	W 0/130
							In Words	Rate
	Per Cubic Metre	Per Cubic Metre	Per Cubic Metre	Per Cubic Metre	Per Cubic Metre	Per Cubic Metre		l'init.
								Amount

Estimated Cost Rs.	470162
Earnest Money	9500
Time:-	One Month

					Total:-	
	Per Cubic Metre		4	19.44	Back filling behind abutment wing wall, retaining wall, Breast Wall & Return Wall complete as per drawing & technical clause 1204.3.8 Granular materials. As per direction of Engineer-in- Charge including carriage of materials within all leads and lifts and other incidentals.	2
	Per Cubic Metre		6	47.66	Construction of dry Rubble masonry for retaining walls, breast walls, revetment walls and parapets etc. for sub-structure and super structure complete as per drawing and technical specification clauses 704 704.6& 1302.5 within all leads and lifts and other incidentals	4
	Per Cubic Metre			37.68	Stone masonary in cement mortar for sub structure complete as per drawing and technical specification clause 702,704,1202 and 1204 in cement mortar 1:6 (1cement :6sand) coursed rubber masonary with in all lead and lifts and other incidentals	w
	Per Cubic Metre			15.38	Providing and laying concrete for pain/reinforced concert in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 nominal mix 1:4:8 as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	2
	Per Cubic Metre			66.58	clause 305.1 including setting out construction for shoring and technical specification stamps and other deleterious materials and disposal up to a lead of 50 Metre dressing of side and bottom and backfilling in trenches with excavated suitable materials. As per direction of Engineer-in Charge including carriage of material within all leads and lifts and other incidentals.	
Amount	Unit.	Rate In Words	In Fig.	Qīy.	Earth work in expansion for structure of the structure of	-
		3/120 to 83/135)	ll at RD 83	OR/Wa	Sr. No. Sub-Head and items of works	Sr. No.



Name of work:- Construction of Rikki to Bahan

Time:-

Estimated Cost Rs.
Earnest Money

9000 One month

		_	
Total:-	all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification for Rural Roads August 2004 and Clause 16.2 of general condition for contract to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in charge for smooth riding. The recovery of 339.29 cubic metre @ Rs. 300/- per cubic metre amounting to Rs. 101787 /- only, shall be done on prorata basis for the quantity of cutting in earth work effected. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	Excavation in earth work in hilly area by mochanical money.	Sub-Head and items of works. Qty. Rate
	2423.48		Qty.
		In Figure	
		In Words	Rate
	Per Cubic Metre		Unit.