Himachal Pradesh Public Works Department

PW-RD-GA-Tender-2021-22-

15003

To

The Executive Engineer (IT Cell) Nigam Bihar, Shimla-2.

Subject: -

Tender notice.

Enclosed please find herewith the tender notice of work as given in the notice inviting tender for uploading on department website as per notification Secy. (PW) to the Govt. of H.P. letter N. PBW (B) A (3) 1/2020 dated Shimla-2 the 1 July 2021.

1. Certified that the tender mantioned in the notice is exigencies/emergency are urg nature and in public interest.

DA:- Notice inviting tender & sechdule of quantity.

Executive Engineer, B&R Division, HPPWD,

dated:-3/02/

Rohru.

Himachal Pradesh Public Works Department "NOTICE INVITING TENDERS"

Sealed item rate tender on form PWD 6&8 are invited by the Executive Engine Rohru Division HPPWD, on behalf of Governor of H.P. for the following works from the approved and elignontractors enlisted in HPPWD, So as to reach in this office as per time schedule given below:-

1. Date of receipt of applications for tender forms:-

2.Date of issue/sale of tender forms:-

3. Date of receipt of tender:-

4. Date of opening of tender:-

08-02-2022 upto 1:30PM

08-02-2022 upto 2:00PM to 5.00PM

09-02-2022 upto 10:30AM

09-02-2022 2021 upto 11:00AM

Sr.No.	Name of Work.	Estt. Cost.	E/Money	Time
1	R/R Damages to RCD road km 2/0 to 21/195 (SH:- hiring of Pock lane/tipper removal of slips/land slide and carriage of muck)	Rs.495000/-	Rs. 10000/-	2 mor
2	A/R & M/O of road from Harijan Basti Khorsu to Gujar Basti Bashrali km 0/0 to 2/500 (SH:- cutting of branches of trees & shrubs,maintenance of earthen shoulder and clearing and grubbing road land including uprooting wild vegetation,grass etc. km 0/0 to 2/500)	Rs.383005/-	Rs.8000/-	2 mor
3	C/O Link road Bhajnudhar km 0/0 to 3/445 (SH:- C/O R/wall in wire crate at RD 0/870 to 0/900)	Rs.436913/-	Rs.9000/-	2mon
4	C/O Jabbal Pather Nallah to Shagen Teer road km 0/0 to 3/0 (SH:- F/C 5/7 mtr wide road at RD 1/445 to 1/625)	Rs.492865/-	Rs.10000/-	2 mor
5	R/R damages to various road under Rohru S/D (Rohru Section) (SH:- hiring of tipper for carriage of excavated earth muck)	Rs.105600/-	Rs.2200/-	22da
6	R/R Damages to various road Samoli Section (1) Sub-division Rohru (SH:- hiring of JCB for removal of slips/snow by JCB at various RDs and dressing of road surface)	Rs.378000/-	Rs8600/-	2 mor
7	R/R dmages to Badiyara Kaloti Dumadhar road km 0/0 to 5/0 (SH:- C/O R/wall at RD 3/570 to 3/587)	Rs.340285/-	Rs.7000/-	2 mor
8	R/R damages various road under S/D Rohru Section (SH:- hiring of JCB for removal of slips and land slide maintance of road)	Rs.126000/-	Rs. 5200/-	15day
9	R/R Damages to various road Samoli Section Sub-division Rohru (SH:- hiring of JCB for removal of slips and land slide maintance of road)	Rs.378000/-	Rs. 8000/-	2 Mor
10	R/R dmages to various road in Seema Section in Chirgaon S/D (SH:- hiring of JCB/Tipper removal of slips and carriage of muck)	Rs.496800/-	Rs.10000/-	2mon
11	R/R damages on Machoti Padda Nallah Dalgaon road km 0/0 to 8/0 (SH:- C/O R/wall at RD 3/570 to 3/585)	Rs.380752/-	Rs.8000/-	2 moi
12	R/R Damages to various road Under Summerkot Section Sub-division Rohru (SH:- hiring of JCB for removal of slips and land slide,maintenance of road)	Rs.252000/-	Rs.5100/-	1 mor
13	R/R Damages to RCD road km 2/0 to 21/195 (SH:- hiring of Pock lane/tipper removal of slips/land slide and carriage of muck)	Rs.412500/-	Rs.8300/-	2 mor
14	R/R Damages to various road Under Sub-division Rohru (Rohru Section) (SH:- hiring of JCB for removal of slips/ dressing of road surface)	Rs.252000/-	Rs.5100/-	60 da
15	R/R damages on Mehandli Tikkar road km 0/0 to 17/0 (SH:- C/O R/wall at RD 12/110 to 12/120)	Rs.486836/-	Rs.6500/-	2 mor
16	C/O Link road Bhajnudhar to Kewladhar via Mohan Lal Parisar km 0/0 to 3/500 (SH:- C/O R/wall in wire crate at RD 0/060 to 0/087.50)	Rs.400496/-	Rs.8000/-	2 mor
17	C/O Banoti Lalpani road (SH:- C/O B/wall in PCC at RD 0/230 to 0/250)	Rs.385538/-	Rs.3000/-	2 moi
18	R/R damages on Link road Jagothi Nallah to Chilali road km 0/0 to 1/200 (SH:-C/O R/wall in wire crate at RD 0/920 to 0/935)	Rs.443767/-	Rs.9000/-	2 moi
19	R/R Damages to various road Under Summerkot Section Sub-division Rohru (SH:- hiring of JCB for removal of slips and land slide, maintenance of road)	Rs.252000/-	Rs.5100/-	1mor
20	R/R damages on Udo Niwas Jakhar road (SH:- R/wall at RD 3/800 to 3/820)	Rs.499638/-	Rs. 10000/-	2mor
21	R/R Damages to various road Under Summerkot Section Sub-division Rohru (SH:- hiring of	Rs.126000/-	Rs.2600/-	1mor
22	JCB for removal of slips and land slide,maintenance of road) C/O Hingwala Gawas road km 0/0 to 5/0 (SH:-C/O unlined surface drain and clearing and grubbing road land including uprooting wild vegetation grass bruhes shrubs km 0/0 to 5/0)	Rs.419172/-	Rs.8400/-	2mor
23	Improvemet of Black spot on Arhal Bashla road km 0/0 to 12/0 (SH:- widening of road at RD 1/500 to 1/635)	Rs.316096-	Rs. 6300/-	2mor
24	C/O Boundary wall Safety in CHC Chirgaon (SH:-hiring of Pock lane for protection of boundary wall with stacking boulders from river side) under Chirgaon S/D	Rs.495000/-	Rs.10000/-	1mor
25	R/R damages on link road to Harijan Bati Bhamnallah km 0/0 to 2/300 (SH:-C/O B/wall at RD 1/973 to 1/995)	Rs.257461/-	Rs.5200/-	2mor
26	A/R & M/O Mehandli Tikkar road km 0/0 to 28/640 (SH:- prov. and laying kharanja stone soling in extended width at RD 13/145 to 13/400)	Rs.486836/-	Rs.9500/-	2mor
27	R/R damages to mehandli Lasha Chamsu road km 0/0 to5/0 (SH:-C/O R/wall at RD 2/025 to 2/043)	Rs.400496/-	Rs.8100/-	2mon
28	C/O link road Bijori Khad to Badali km 0/0 to 2/0 (SH:- prov. Kharanja stone soling at RD 0/0 to	Rs.493642/-	Rs.10000/-	2mon

	0/390)			
29	C/O Baggi Khabal road km 0/0 to 10/0 (SH:- C/O R/wall in PCC 1:4:8 at RD 9/420 to 9/428)	Rs.469977/-	Rs.9400/-	2month
30	C/O Dhara Barara Jhaltu road km 0/0 3/0 (SH:-Boulder filling behind Abutment right side at RD 0/587 to 0/615)	Rs.271940/-	Rs.4500/-	2month
31	C/O B/wall at Ayurvedic Dispensary at Harwani in GP Sindasli in tehsil Chirgaon (SH:-C/O B/wall H-2.44 L-15mtrs)	Rs.294244/-	Rs.6000/-	2month
32	R/R Snow on various road under Chirgaon S/D (Dhamwari Section) (SH:- hiring of JCB & Tipper for removal of slips/snow,slush/land slide, clearance of culvert,filling of depression and burms etc.)	Rs.495000/-	Rs.10000/-	2month
33	R/R dmages Gujar Khota Junidhar road km 0/0 to 5/0 (SH:-C/O B/wall in PCC 1:4:8 at RD 4/510 to 4/530)	Rs.333608/-	Rs.7000/-	2month
34	R/R damages Seema Rantari road km 0/0 to 12/0 (SH;- C/O B/wall in PCC 1:4:8 at RD 1/090 to 1/102)	Rs.447182/-	Rs.9000/-	2month
35	C/O Dhara Nawara Kirna Mehandli road km 0/0 to 5/0 (SH:-C/O R/wall in wire crate at RD 1/600 to 1/615 & 1/630 to 1/650)	Rs.343465/-	Rs.7000/-	2month
36	R/R Snow on various road under Chirgaon S/D (Dhamwari Section) (SH:- hiring of JCB & Tipper for removal of slips/snow,slush/land slide, clearance of culvert,filling of depression and burms etc.)	Rs.495000/-	Rs. 10000/-	2month
37	R/R Damages to various road in Seema Section (SH:- hiring of JCB removal of slips/drain and dressing of road surface)	Rs.378000/-	Rs.7600/-	45days
38	R/R Damages to various road under Chirgaon Sub-division in Chirgaon Section (SH:- removal of slips by JCB at various RD's & dressing of road surface)	Rs.462000/-	Rs.9300/-	2month
39	C/O M/T of Sharontha Karali Kangar Kalgaon Teer road km 0/0 to 10/970 (ii) C/O & M/T of Nawaga Palothor Banbro Kandroda road km 8/870 (SH:- Prepration of DPR and CBR tests)	Rs.456640/-	Rs.9200/-	2month
40	C/O M/T Tutu Pani Nalban road km 0/0 to 5/540 (ii) Balance work and M/T Tunadhar Shahid Nalaban Deorighat road km 0/0 to 7/0 (iii) M/T of Kadiwan to Galoon Umbladwar road km 0/0 to 5/430 (SH:- preparation of DPR & CBR tests)	Rs.426710/-	Rs.8600/-	2month
41	Improvement of Black Spot Under various road under Rohru S/D (SH:- Providing and Supplying of high intensity Engineering grade prismatic tape/sheeting) (Allocation Kansakoti Kuttara Dalgaon Road)	Rs.498750/-	Rs.10000/-	2month
42	Improvement of Black Spot Under various road under Rohru S/D (SH:- Providing and Supplying of high intensity Engineering grade prismatic tape/sheeting) (Allocation TKHR road)	Rs.493500/-	Rs.10000/-	2month

Certified that the tender mantioned in the notice is exigencies/emergency are urgent nature and in public interes

Terms and conditions:-The tender doucument shellbe issued only to these contractors/firms who fulfill the following criteria and submit the following doucument with the application. 1. The Earnest-money for the above works should be submitted with the application for the purchase of the tender

- 2. The Contractors should quoted the rates of all the items in the tenders both in figures and words.
- Income tax & GST No latest clearance certificate.
- 4. The contrs / firm shall accompany his enlistment/renewal & EPF submit before the award of tender.
- 5. The contractors should apply for two works only at a time for tenders.

6. The Executive Engineer reserves the right to accept/rejected any tender/application or all tenders with assigning any reason.

NO .: - PW-RD-GA .- Tender/2021-22--

15004-23 Copy forwarded for information and wide publicity to:-

The Chief-Engineer(S), HPPWD, Shimla-2.
 The S E 14th Circle HPPWD, Rohru
 All the E.E.'s under 14th Circle, HPPWD, Rohru

5. All the A.E.'s working under this Division (B&R).

6. The Sub Divisional Magistrate, Rohru.

7. The B.D.O. Rohru and Chirgaon.

8. The Tehsildhar, Rohru/Chirgaon and Tikkar.

9. The Chairman, N.A.C. Rohru.

10. A/B. and D/B. in this Office

11. Notice-Board.

Executive Engineer, B&R Division, HPPWD.

Dated:- 03/02/022

Executive Engineer, B&R Division, HPPWD, Rohru.

		1 Hiring of Tipper for carrige of material having capacity 300cft including POL charges shifting charges and other ancillary equipment as required at site of work the work shall have to carried out as per ministry of transport specification of the Engineer in charge	instruction of the Engineer in Circ. 9	Hiring of JCB (Excavator cum loader) Pock lane with having 90 HP Engineer cum bucket capacity including POL charges shifting Engineer cum bucket capacity including POL charges shifting Engineer and other ancillay equipment as required at the site of work charges and other ancillay equipment as required at the site of work charges and other ancillay equipment as required at the site of work charges and of soil including their intermediate moorum soft rock hard rock including their intermediate. The disposal of this underviceable materila has to be done in the accuird width of the road to avoid damage to the properties of the accuird width of the road to avoid damage to the properties of the people or in case any damage took place the contracotor is laible for the department and maxium useful quanity of stones from reoval of the work shall be carried out as per ministry of transport as per the contracer in charge.	Sr.No Sub-Head and Item of Works	- I to see of works	SCHEDULE OF QUANTITY Estimate Cost 10000.00 Earnest Money one month Time of work:-R/R Damages to RCD road km 2/0 to 21/195 (SH-Hiring of Pock lane/tipper removal of slips/land slide and carrige of muck)
	Total	ft 30.00 o carried r in		90 HP 90.00 g g g f work ankar essary n the of the aible for ong to oval of e berms per	1	Quantity. Rate in	SCHEDULE OF QUANTITY (SH-Hiring of Pock lane/tip
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						Rate in words.	Estimate Cost Earnest Money Time r removal of slips/l
Executive Engineer B&R Divn HP.PWD Rohru	1000	Total	per Days		per hours	Unit	495000/- 10000.00 one month and slide and carr
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Estimated Cost Earnest Money

3,83,005/-1 Months

yf Work:- A/R & M/O of road from Harijan Basti Khorsu to Gujar basti Bashrali k.m. 0/0 to 2/500 (S.H:- Cutting of branches of trees & shrubs,maintenance of earthen shoulder paring and grubbing road land including uprooting wild vegetation, grass, etc. k.m. 0/0 to 2/500)

Sub-head and item of works. Maintenance of Earthen shoulder (filling with fresh selected soil) Making up loss of material/irregularities on shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at shoulders to the design level by adding fresh approved selected by adding fresh approved and trees of 0.92 Per Hact. Per Ha	and Clearing and grubbing road latter increasing are	Quantity.	Rate in	Rate in words.	Unit
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ng 0.92	Maintenance of Earthen shoulder (filling with fresh selected soil) Making up loss of material/irre shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate shoulders to the design level by adding fresh approved selected soil of 1990 Volume-I, or	nt at			meter.
ng nic 300.00	OMC upto a lead of 1000 m as per technical alto as per in the second				Per Hact.
Cutting 300.00 In disposal of wood and leaves to the Engineer-In-Charge	the Engineer-In-Charge. Clearing and grubbing road land including uprooting wild vegetation, grass, bushes, shrubs, saplings clearing and grubbing road land including uprooting wild vegetation, grass, bushes, shrubs, saplings clearing and grubbing road land including removal and dispose girth upto 300 mm, removal of stumps of such trees cut earlier and dispose of serviceable material to be used or auctioned, upto a lead of 1000 m including removal and dispose of serviceable material to be used or auctioned, upto a lead of 1000 m including removal and dispose of serviceable material to be used or auctioned, upto a lead of 1000 m including removal and dispose of serviceable material to be used or auctioned, upto a lead of 1000 m including removal and dispose of serviceable material to be used or auctioned, upto a lead of 1000 m including removal and dispose of serviceable material to be used or auctioned, upto a lead of 1000 m including removal and dispose of serviceable material to be used or auctioned, upto a lead of 1000 m including removal and dispose of serviceable material to be used or auctioned, upto a lead of 1000 m including removal and dispose of serviceable material to be used or auctioned.	ng ng			200
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Executive Engineer B&R .Dign HP PWD Rohru.

No Sub-head and item of works. No Excavation in soil in Hilly Area in all kind of sand by mechanical means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD, specification of 1990 Volumely, or as directed by the Engineer-In-Charge. Earthwork in excavation for structures as per drawing and technical specifications Clause 23.45 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a any lead and lift, dressing of sides and bottom and backfilling in trenches with excavated suitable material useful material available from excavation to be properly stacked and handed over to the department free of cost including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge 3 Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to 140.62 sex and 15.4826 in 100 mm x 100 mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and 180.00
Quantity. Rate in figures. d 25.20 se 23.45 se 23.45 he to 140.62 ber 140.62
Quantity. 25.20 1e- 1e- 23.45 se 23.45 he he
Sub-head and item of works. Excavation in soil in Hilly Area in all kind of sand by mechanical means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD, specification of 1990 Volumely, or as directed by the Engineer-In-Charge.
Sub-head and item of works. Quantity. Rate in figures.

Z	Sr		Nan	
Excavation in hilly area in all heights and depths in all kinds of soil by manual /mechanical healing (where blasting saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiselling/wedging out of rock including saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiselling/wedging out of rock (where blasting is pronibited) and other intermediate classification of soil setting out true to the required (where blasting is pronibited) and other intermediate classification of soil setting out true to the required by the Engineer-in-Charge at site according to the M.O.R.D Technical Specification Clause by the Engineer-in-Charge at site according to the M.O.R.D Technical Specification Clause of the Froad and transportation of useful material for filling in road way, camber rembankments for width of the road and transportation of useful materials to required width of the road or on approved grade improvements and disposal of all un-useful materials to required width of the road or on approved grade improvements and safety means and other incidentals necessary to complete the work by mechanical means and/or labour if required. All useful materials such as stone, shingles, aggregates, sand and means and/or labour if required. All useful materials such as stone, shingles, aggregates, sand and means and/or labour if required. All useful materials such as stone, shingles, aggregates, sand and means and/or labour if required. All useful materials such as stone, shingles, aggregates, sand and means and/or labour if required along road side which shall not be less than 1/3 (One third) for slates shall be sorted out and stacked along road side which shall not be less than 1/3 (One third) for slates shall part orock 1/6th (One sixth) blasting work soft rock 1/10th (one 10th) jumper work in all blasting work hard rock 1/6th (One sixth) blasting work soft rock 1/10th (one 10th) jumper work in all cases as per direction of the Engineer-cases falling which recovery of useful stones. Malkana, toll tax	Sub Head/Items of work.		Name of Work:- C/O Jabbal Pather nallah to Shagen Teer road k.m. 0/0 to 300 to 100 to	SCHEDULE OF QUANTITY SCHEDULE OF QUANTITY SCHEDULE OF QUANTITY
	1821 75	Qty		r wide r
	100	Rate in		oad at R.I
		Rate in world	Estimated Cost Earnest Money Time	at R.D. 1/445 to 1/625.)
	Cum	Unit.		
		Amount	4 92.865/= 9900/= 2 Months	



Total

105600/-2100.00 22day

Estimate Cost
Earnest Money
Time

Name of work :R/R damage to various road unde Rohru Sub Division (Rohru section)(SH-Hiring of Tipper for carrige of excavated earth muck

Hiring of Tipper for carrige of material hav ing capacity 200cft including POL charges shifting charges and other ancillary equipment as required at site of work the work shall have to carried out as per ministry of transpoert specification of the Engineer in charge

Name of work: - R/R Damages to various road Samoli Section (1) Sub-division Rohru (SH:- hiring of JCB for removal of slips/snow by

	<u>→</u>	No Sr	Cost.	JCB
Total	Hiring of JCB (Excavator-cum-Loader) 0.45 cum bucket capacity including P.O.L charges, shifting charge and other ancillary equipments as required at the site of work to removal of slips in all height and in kinds of soil such as kankar moorum soft rock, hard rock including their intermediate classification of soil including mechanical transport of necessary. The disposal of unserviceable materials has to be done in the accorded width of the road to avoid damage to the properties of the people or in case any damage took place the contractor is liable it. All salvaged materials such as quarried stone shall belong to the department and maximum useful quantity of stones from removal of slips shall have to be neatly stacked along road side on the road breams. The work shall to be carried out as per ministry of transport as per instruction of the Engineer In charge including all leads and lifts.	Sub Head/items of work.		JCB at various RDs and dressing of road surface)
4	30.00	Qty	Estima Earnes Money Time	
		Rate in figures	Estimated Earnest Money Time	
		Rate in words	3/8000/- 8000/- 60 days	21222
	E E	Unit.		
		Amount		

Executive Engineer, B&R Division,HPPWD., Rohru.

SCHOOL OF QUANTITY

Estimated Cost Earnest Money

6800/-2 Months

340285/-

		Rate in words
16.83		10-
25.33		
1		
7.37		
3.06		
23.29		
8.06		
0.96		
	-	
N W N		7.31 Rate in figures. 25.33 Figures. 25.33 Rate in figures. 3.06 Rate in figures.

Rohru Executive Engineer B&R .Divn. HP.PWD

SCHEDULE OF QUANTITY Estimate Cost Earnest Money

Estimate Cost 126000/Earnest Money 2520/Time 15 days

Name of work:- R/R damages to various road under Rohru sub Division (Rohru section)SH-Hiring of JCB for Removal of slips and land slide maintance of road)

	_	Sr.No.
Total	Hiring of JCB (Excavator -cum-Loder)having 0.50cum bucket capacity including POL charges shifting charges and other ancillay equipments within all leads and lifts as per direction by Engineer in chage Min 18.00 cum earth shall be done by machine in one hours shall be ducted accordingly JCB sahll be deployed for dressing of berms shoulders clearance of drain culvert, removal of excess soil from road surface filling up of pot holes with suitable materials from borrow pits and remvoal of slips where ever on the rfoad surface within all leads and lifts as directed by Engineer in charge	Sr.No. Sub-Head and Item of works
	15.00	Quantity.
		Quantity. Rate in figures. Rate in words
		Rate in words.
Total	per day	Unit
		Amount

DRAFT SCHEDULE OF QUANTITY

land slide, maintenance of road) Name of work:-R/R damages to Various roads Under Samoli Section S/D Rohru (SH:- hiring of JCB for removal of slip and

	_	No Sr	
Total	Hiring of JCB (Excavator-cum-Loader) having bucket capacity, 50 cum including P.O.L charges, shifting charge and other ancillary equipments, with in all leads and lifts as directed by Engineer Incharge Min 18.00 cum of earth shall be deducted accordingly. J.C.B. shall be deployed for dressing of burms shoulders, clearance of drain, culvert, removal of excess soil from road surface filling up of pot holes with suitable materials from borrow pits and removal of slips where ever on the road surface with in all leads and lifts as directed by Engineer. In charge.	Sub Head/items of work.	
	30.00	Qty	Estim Earne Time
		Rate in figures	Estimated Cost. Earnest Money Time
		Rate in words	
	cum	Unit.	
		Amount	

Executive Engineer, B&R Division,HPPWD., Rohru.

ESTIMATED COST:Rs.
Earnest Money:TIME:-

496800.00 10000.00 Two Month

Name of Work:- R/R Damage to Various road in Seema Section Under Chirgaon Sub Division (SH:-Hiring of JCB/Tipper removal of slips/and carriage of muck)

		Total:	
		The work shall to be carried out as per ministy of transport as per instructions of the Englineer-in- Charge including all leads and lifts. 18.00	ing T
		Hiring of Tipper for carriage of material having capacity 400 cft. including	2 P II
	***	or the Engineer-in-charge including all leads and lifts. 45.00	9
		charges, shifting charge and other anciliary equipments as required at site as not instruction.	2 0
s. Rate in words.	rate in figures.	Hiring of J.C.B (Excavator-cum-Loader) having hireful concert.	- H
of Co.		Sub-Head and Item of works.	OI NO.

Executive Engineer B&R Division,HP PWD Rohru

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la Nallah Dalgaon road k.m. 0/0 to 8/00 (SH:- C/O R/wall at R.D. 3/570 to 3/5	Estimated Cost Earnest Money Time R/R Dameges on Machoti Padda Nallah Dalgaon road k.m. 0/0 to 8/00 (SH:- C/O R/wall at R.D. 3/570 to 3/585)	
Quantity. Rate I floure	Quantity. Rate in Rate in words.	
antity. Rate in figure 24.00		Rate in words.
		Estimated Cost Earnest Money Time) Rate in words.

SCHEDULE OF QUANTITY Estimate Cost Earnest Money

250200/-3000/-30day

maintance of road) Name of work:- R/R damages to various road under summerkot sub Division Rohru (SH-Hiring of JCB for removal of slips and land slide

	_	OI.NO.
Total	Hiring of JCB (Excavator -cum-Loder) having 0.50cum bucket capacity including POL charges shifting charges and other ancillay equipments within all leads and lifts as per direction by Engineer in chage Min 18.00 cum earth shall be done by machine in one hours shall be ducted accordingly JCB sahll be deployed for dressing of berms shoulders clearance of drain culvert, removal of excess soil from road surface filling up of pot holes with suitable materials from borrow pits and remvoal of slips where ever on the rfoad surface within all leads and lifts as directed by Engineer in charge	or wo.
	30.00	Quantity.
		Quantity. Rate in figures. Rate in wo
		Rate in words.
Total	per day	Unit
		Amount.

Schedule of Qty

ESTIMATED COST Rs.
Earnest Money :- On

Rs 412500.00 8300.00 One Month

Name of Work:- RIR Damage to RCd road km 2/00 to 21/195 (Sh:- Hiring of Pock lane/Tipper removal of slips/land slide and carriage of muck)

	ю		Sr No.
Total:-	Hiring of Tipper for carriage of material having capacity 400 cft including P.O.L. charge and other anciliary equipments as required at the site of work. The work shall to be carried out as per ministy of transport as per instructions of the Engineer-in- Charge including all leads and lifts.	Hilling of Excevator-Com-Loader(FC = LGTIET,87) with 90 H.P. Engine and lifting capacity of minimum 5000 kmgs, in using P.O.L charges, shifting charges and other anchiary equipments as required at site of work for cutting in earth work in all heights in all kinds of soft such as sequired at site of work for cutting in earth work in all heights in soil such as spade work, pick work it imper work, soft rock, hard rock including their intermediate classification of soil including chresolling/wedging out of rocks etc. where blasting is prohibited including saturated soils including filling in embaniments where materials in all leads and lifts including mechanical transportation if necessary. The disposal of this unserviceable materials has to be done in the acquired width of the road to avoid damage to the properties in the reduction or case any damage took place the contractor is laterative. Useful pairming of stones from cutting work shall have to the nearly stacked along the road spot or road hums. The work involves widening ifform existing width to IRC single lane standard width formation width 5 meters in straight and 7 meter in curves as per their radius. Minimum 40 cum of earth work shall be done by the Machine in one hour, other wise number of hour shall be reduced accordingly. The work shall have to be carried out as per Ministry of Transport as per instructions of the Engineer-In-Charge including all leads and lifts.	Sub-Head and Item of Works
	30.00	55.00	Quantity
			Pate in figures.
			Rate in words.
	Р/Пау	P/Hour	Unit
			Amount

Executive Engineer B&R Division,HP PWD Rohru

SCHEDULE OF QTY

Format Money Stendar

Tun Hand

Estimate Cost 252000.00
Earnest Money 5100.00
Time Two Month

Name of work :- R/R Damege to Various, Road Under, Rohru Sub Division (RohruSection) (SH:-Hiring of JCB for removal of slips/ dressing of road

T-VIRIL .	p.O.b.charges, shifting charges and other anciliary equipments as required at site as per instructions of the Engineer- In- charge including all leads and lifts	The second of th
Total	S	Qu
	30.00	tity. Rate in figures.
		Rate in words,
Total	Per day	Unit
		Amount.

Estimated Cost 486836/Earnest Money 9736
Time 2 Months

				Time	2 Months	
Nam	Name of Work: R/R on Mehandli Tikkar road km 0/0 to 17/0(SH- C/o R/wall at Rd 12/110 to 12/120)	12/120)				
S.No.	S.No. Sub-head and Item of works.	Quantity.	Rate in figures.	Rate in words.	Unit	Amount.
_	Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD, specification of 1990 Volume-I, or as directed by the Engineer-In-Charge.	35.00			cum	
N	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 a any lead and lift,	26.40			cum	
ω	Providing and Laying concrete concrete 1:6:12 (1cement: 6 sand: 12 graded stone aggregate 40mm nominal size)for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as	8.80			cum	
4	P/L PCc (1:4:8) in open foundations complete as per drawing and technical specifications clause 802,803,1202,1203.within all leads and lifts as per directions of Engineer incharge	5.10			Cum	
5	Random rubble masonrystone masonry(un-coursed/brought to courses)with hard stone ofapproved quality in foundation in cement mortar 1:6(1cement:6sand) complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203.including all leads and lifts, or as per HPPWD,. Specification of 1990 Volume-I, asdirected by the Engineer-In-Charge.	40.21			C	
6	Construction of dry rubble masonary for retaining walls, breast walls,revetment walls and parapets etc. for sub-structure and super structure complete as per dra	53.65			cum	
7	Back filling behind abutment wing wall and return complete as per drawing and technical specificastion including all leads and lifts, as per HPPWD, specification of 1990 volume-I as directed by the Engineer-In-Charge.	21.60			Total	

	Total				technical specificastion
				16.50	4 Back filling behind retaining wall abutment wing wall and return complete as per drawing and
	Per Cum.				drawing and technical specifications Clause 130 lot as director by
					3 Providing and laying of boulder apron laid in wire crates with a finite of the cent is 280 and IS:4826 in 100 mm x 100 mm mesh (woven diagonally) including 10 per cent is 280 and IS:4826 in 100 mm x 100 mm weighing not less than 25 kg each as per extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per extra for laps and joints laid with stone boulders weighing his the Engineer-In-Charge
	Per Cum.			128.90	Engineer-In-Charge
				27.48	Earthwork in excavation for structures as per drawing and technical specifications Clause 305 t including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a any lead and lift, dressing of sides and bottom and deleterious material and disposal upto a any lead and lift, dressing of sides and bottom and backfilling in trenches with excavated suitable material useful material available from backfilling in trenches with excavated over to the department free of cost including excavation to be properly stacked and handed over to the department or as directed by the
	Per Cum.			2	1990 Volume-I, or as directed by the Engineer-In-Charge
				23.10	No Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD, specification of
	Per Cum.			2010	
- Current		Rate in words.	Rate in figures.	Quantity. Rate in figures.	Sr. Sub-head and item of works.
Amount				87.50	Name of Work.:- C/O LIBA 10au 2111111 R.D. 0/060 to 0/87.50]
ATTC CTUCC W	(SH:- C/O R/Wall in whe class as		.m. 0/0 to	Parisar k	2/0 1:-1 -cod Rhainndhar to kewaldhar Via Mohan Lal Parisar k.m. 0/0 to 3/500
2 Month.	Time				
8100/-	Earnest Mone 8100/-				
4,00,4,96/-	Estimate Cos 4,00,4,96/-			IIII	SCHEDULE OF QUANTILI

Executive Engineer B&R Divn. HP.PWD Rohru.

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1					200
				Estimated Cost	3,86,238/=
				Earnest Money	7800/=
				Time	2 Months
Nan	Name of Work:- C/O Banoti Lalpani road (SH:- C/O B/Wall in PCC 1:4:8 at R.D. 0/230 to 0/250.)				
	Sub-head and Item of works.	itity.	Rate in	Rate in words.	Unit.
-	Excavation in soil in Hilly Area in all kind of sand by mechanical means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPVVD, specification of 1990 Volume-I, or as directed by the Engineer-In-Charge	36.00			Per cubic meter
, N3	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 a any lead and lift, dressing of sides and bottom and backfilling in trenches with excavated suitable material useful material available from excavation to be properly stacked and handed over to the department free of cost including all leads and lifts, as per HPPVVD, specification of 1990 volume-I or as directed by the Engineer-In-Charge	13.20			Per cubic meter
ω	Providing and Laying concrete concrete 1.4:8 (1cement: 4 sand: 8 graded stone aggregate 25mm nominal size) in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge	67.20			per cubic metre
4	Providing weephole in brick masonary/stone masonry, plain/reinforcement cement concrete abutment wing wall return wall with 100mm dia AC pipe extending through the full width of structure with slop of 1(V),20(H) towards drawing face complete as per drawing and technical specification clauses614,709,1204.3.7	17.00			each
					Total

			ω		^		-	No		0.2
	The Engineer-in-Charge.	in 100 mm x 100 mm mesh (woven diagonally) and joints laid with stone boulders weighing not	Providing and laying of boulder apron laid in wire crates with	useful material available from excavation to be properly stacked and handed over to of 1990 volume-I or as directed by the 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 sides and bear deleterious material and disposal tests.	HPPWD, specification of 1990 Volume-I, or as directed by the Engineer-In-Charge.	Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means lift upto any lead and lift as not T.	Sub Head/items of work.	Estimated C. (SH:-C/O R/wall in wire crate at RD	0/920 to 0/935)
Total		146.62			26.25		Qty 36.60	Earne	Festim	
a							Rate in figures	Earnest Money	to 1/200 (
							Rate in words		SH:-C/O R/	
		Per cum		CUM	D	Per cum	Unit.		wall in wire	
							Amount		crate at R	

Rohru. Executive Engineer, B&R Division, HPPWD,

25**9/2**00/-3000/-30day

maintance of road) Name of work:- R/R damages to various road under summerkot sub Division Rohru (SH-Hiring of JCB for removal of slips and land slide SCHEDULE OF QUANTITY

Estimate Cost
Earnest Money
Time

	-	Sr.No.
Total	Hiring of JCB (Excavator -cum-Loder) having 0.50cum bucket capacity including POL charges shifting charges and other ancillay equipments within all leads and lifts as per direction by Engineer in chage Min 18.00 cum earth shall be done by machine in one hours shall be ducted accordingly JCB sahll be deployed for dressing of berms shoulders clearance of drain culvert, removal of excess soil from road surface filling up of pot holes with suitable materials from borrow pits and remvoal of slips where ever on the rfoad surface within all leads and lifts as directed by Engineer in charge	Sr.No. Sub-Head and Item of works
	30.00	Quantity.
		Quantity. Rate in figures. Rate in wor
		. Rate in words.
Total	per day	Unit
		Amount

DRAFT SCHUEDLE OF QUANTITY

Estimated cost Rs499638/-EARNEST MONEY Rs10000/--TIME : Two month

800 to 3/820)	птү
	TIME
	ME : Tw
	o month
init	

f work: - R/R Da	Name of work: - R/R Damages on Udo Niwas Jakhar road (SH-R/wall at RU 3/800 to 3/620)	Quantity	Rate in Figure. Rate in Words	in Words	unit	Amount
	Description of items			54		1
	2	w			per cubic	1
Excavation in soi	Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with in all leads and lifts as per drawing and Techical Specification Clause 1603.1 and as per the direction of the earth with in all leads and lifts as per drawing and Techical Specification Clause 1603.1 and as per the direction of the earth with in all leads and lifts and other earth with in all leads and lifts and other earth with in all leads and lifts and other earth with in all leads and lifts and other earth with in all leads and lifts and other earth with in all leads and lifts and other earth with in all leads and lifts and other earth with in all leads and lifts are described by the earth with in all leads and lifts are described by the earth with in all leads and lifts are described by the earth with in all leads and lifts are described by the earth with in all leads and lifts are described by the earth with in all leads and lifts are described by the earth with in all leads and lifts are described by the earth with in all leads and lifts are described by the earth with in all leads and lifts are described by the earth with in all leads and lifts are described by the earth with in all leads and lifts are described by the earth with the ea	36.00			metre	0
incidentals. Earth work in exci	Inglined relations of the control of	34.00		in I	per cubic metre	
Charge in	ed) as per starming with the control of the property for plain/ reinforced concrete in open foundation for all	9.80			per cubic	
Providing and la type of structure aggregate) 40 m in-Charge include	Providing and laying mechanical mixed and vibrated cement concrete for planty reminded and twelve graded crushed stone type of structure complete of plain cement concrete nominal mix 1.5:12 (One cement six sand : twelve graded crushed stone type of structure complete of plain cement concrete nominal mix 1.5:12 (One cement six sand : twelve graded crushed stone type of structure complete of plain cement concrete nominal size oal specification clauses 802,803,1202 and 1203 as per direction of Engineer-aggregate) 40 mm (forty millimetre) nominal size oal specification clauses 802,803,1202 and 1203 as per direction of Engineer-aggregate) 40 mm (forty millimetre) nominal size oal specification clauses 802,803,1202 and 1203 as per direction of Engineer-aggregate) 40 mm (forty millimetre) nominal size oal specification clauses 802,803,1202 and 1203 as per direction of Engineer-aggregate) 40 mm (forty millimetre) nominal size oal specification clauses 802,803,1202 and 1203 as per direction of Engineer-aggregate) 40 mm (forty millimetre) nominal size oal specification clauses 802,803,1202 and 1203 as per direction of Engineer-aggregate) 40 mm (forty millimetre) nominal size oal specification clauses 802,803,1202 and 1203 as per direction of Engineer-aggregate) 40 mm (forty millimetre) nominal size oal specification clauses 802,803,1202 and 1203 as per direction of Engineer-aggregate) 40 mm (forty millimetre) nominal size oal specification clauses 802,803,1202 and 1203 as per direction of Engineer-aggregate) 10 mm (forty millimetre) nominal size oal specification clauses 802,803,1202 and 1203 as per direction of Engineer-aggregate 10 mm (forty millimetre) nominal size oal specification clauses 802,803,1202 and 1203 as per direction of Engineer-aggregate 10 mm (forty millimetre) nominal size oal specification clauses 802,803,1202 and 1203 and 1203 as per direction of Engineer-aggregate 10 mm (forty millimetre) nominal size oal specification of Engineer-aggregate 10 mm (forty millimetre) nominal size oal specification of E				per cubic	
Providing and la type of structure aggregate) 25 n	Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:4.8 (One cement: four sand: eight graded crushed stone type of structure complete of plain cement concrete nominal mix 1:4.8 (One cement: four sand: eight graded crushed stone aggregate) 25 mm (twenty five millimetre) nomical specification clauses 802,803,1202 and 1203 as per direction of Engineer-in-charge including carriage of material through all modes of transportion with in all leads and lifts and other incidentials.	4.00			metre	
Random rubble and MORD Tec	Charge including Carriage of Tracking Charge (Charge Including Carriage of Tracking Charge Including Carriage of Tracking Charge Random rubble stone masonry work in cement mortar 1:6 (one cement : six sand) for substructure complete as per drawing Random rubble stone masonry work in cement mortar 1:6 (one cement : six sand) for substructure complete as per drawing Random rubble stone masonry work in cement mortar 1:6 (one cement : six sand) for substructure complete as per drawing Random rubble stone masonry work in cement mortar 1:6 (one cement : six sand) for substructure complete as per drawing Random rubble stone masonry work in cement mortar 1:6 (one cement : six sand) for substructure complete as per drawing Random rubble stone masonry work in cement mortar 1:6 (one cement : six sand) for substructure complete as per drawing Random rubble stone masonry work in cement mortar 1:6 (one cement : six sand) for substructure complete as per drawing Random rubble stone masonry work in cement mortar 1:6 (one cement : six sand) for substructure complete as per drawing Random rubble stone masonry work in cement mortar 1:6 (one cement : six sand) for substructure complete as per drawing Random rubble stone masonry work in cement mortar 1:6 (one cement : six sand) for substructure complete as per drawing Random rubble stone masonry work in cement mortar 1:6 (one cement : six sand) for substructure complete as per drawing rubble stone masonry work in cement mortar 1:6 (one cement : six sand) for substructure complete as per drawing rubble stone masonry work in cement mortar 1:6 (one cement : six sand) for substructure complete as per drawing rubble stone masonry work in cement mortar 1:6 (one cement : six sand) for substructure complete as per drawing rubble stone masonry work in cement mortar 1:6 (one cement : six sand) for substructure complete as per drawing rubble stone masonry work in cement mortar 1:6 (one cement : six sand) for substructure rubble stone masonry work in cement mortar 1:6 (one cement : six sand) f	34.00			per cubic metre	
Construction of super structure	Construction of dry rubble masonary for retaining walls, breast walls, reveliment walls and parapets etcetra for sub-structure and Construction of dry rubble masonary for retaining walls, breast walls, reveliment walls and parapets etcetra for sub-structure and Construction of dry rubble masonary for retaining walls, breast walls, reveliment walls and parapets etcetra for sub-structure and construction of dry rubble masonary for retaining walls, breast walls, reveliment walls and parapets etcetra for sub-structure and construction of dry rubble masonary for retaining walls, breast walls, reveliment walls and parapets etcetra for sub-structure and construction of dry rubble masonary for retaining walls, breast walls, reveliment walls and parapets etcetra for sub-structure and construction of dry rubble masonary for retaining walls, breast walls, reveliment walls and parapets etcetra for sub-structure and construction of dry rubble masonary for retaining walls, breast walls, reveliment walls and parapets etcetra for sub-structure and construction of dry rubble masonary for retaining walls, breast walls, reveliment walls and parapets etcetra for sub-structure and construction of dry rubble masonary for retaining walls, breast walls, reveliment walls and parapets etcetra for sub-structure and construction of dry rubble walls, breast walls, reveliment walls and parapets etcetra for sub-structure and construction of dry rubble walls, breast walls, reveliment walls and parapets etcetra for sub-structure and constructure and construction of dry rubble walls, and the parapets etcetra for sub-structure and construction of dry rubble walls, and the parapets etcetra for sub-structure and construction of dry rubble walls, and the parapets etcetra for sub-structure and construction of dry rubble walls, and the parapets etcetra for sub-structure and construction of dry rubble walls, and the parapets etcetra for sub-structure and construction of dry rubble walls and the parapets etcetra for sub-structure and construction of dr	nd 63.52 on er	2		per cubic metre	
of the Engineer incidentals.	n-Charge including carries of the material complete as per drawings and technical	9.60			per cubic	.,
Back filling bel	Back filling behind abutment, wing wall and return wall with Granular material complete as per present of the Engineer-in-Charge including carriage of material through all specification clause 1204.3.8 and as per the direction of the Engineer-in-Charge including carriage of material through all specification clause 1204.3.8 and as per the direction of the Engineer-in-Charge including carriage of material through all specification clause 1204.3.8 and as per the direction of the Engineer-in-Charge including carriage of material through all specification clause 1204.3.8 and as per the direction of the Engineer-in-Charge including carriage of material through all specification clause 1204.3.8 and as per the direction of the Engineer-in-Charge including carriage of material through all specification clause 1204.3.8 and as per the direction of the Engineer-in-Charge including carriage of material through all specification clause 1204.3.8 and as per the direction of the Engineer-in-Charge including carriage of material through all specifications are specification of the Engineer-in-Charge including carriage of material through all specifications are specification of the Engineer-in-Charge including carriage of material through all specifications are specification of the Engineer-in-Charge including carriage of material through all specifications are specification of the Engineer including carriage of material through a specific carriage of the Engineer includes and the Engineer includes are specification of the Engineer including carriage of material through a specific carriage including carriage of the Engineer including carriage of the Engineer includes are specification of the Engineer includes are specification of the Engineer includes and the Engineer includes are specification of the Engineer includes				lieue	
11100000 01 11111						V

Estimate Cost 126000/Earnest Money 2520/Time 30day

Mame of work:- R./R damages to various road under summerkot section sub Division Rohru(SH- Hiring of JCB for Removal slips and slide maintance of road).

	1 Hiring o bucket oother ar direction done by JCB sa clearan surface borrow surface charge	Sr.No. Sub-
Total	Hiring of JCB (Excavator -cum-Loder)having 0.50cum bucket capacity including POL charges shifting charges and other ancillay equipments within all leads and lifts as per direction by Engineer in chage Min 18.00 cum earth shall be done by machine in one hours shall be ducted accordingly JCB sahll be deployed for dressing of berms shoulders clearance of drain culvert, removal of excess soil from road surface filling up of pot holes with suitable materials from borrow pits and remvoal of slips where ever on the rfoad surface within all leads and lifts as directed by Engineer in charge	Sr.No. Sub-Head and Item of works
a	15.00	Quantity.
		Quantity. Rate in figures. Rate in wo
		Rate in words.
Total	per day	Unit
		Allouin

Estimated cost Rs419172/-Earenst monery Rs8700/--

vegetation grass bushes shrubs km 0/0 to 5/0 Name of work: - C/O Hingwala Gawas road km 0/0 to 5/0(SH-claring of unlined surface drain and clearning and grubbing road land including uprooting wild Time :- One Month

	N	_	No.
	construction of unlined surface drain of averasge cross sectional area of 0.4 sqm in ordinary rock to specificed lines grades levels and dimenions as per approved design and technical specification clause 307 excavated materials to be usedd in embankments at site within all leads and lifts as per directions of Engineer	Clearinig and grubbing road land including uprooting wild vegetation, gress brushes, shrubs and trees of girth up pto 300mm, removal of stumps of such trees cut earlier and disposal of unservicable materials and stacking of serviceable materials to be used or auctioned, upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150mm in thickness as per technical specification clause 201 within all leads and lifts as per directions of Engineer in charge	Sub-nead and Item of works.
	4950	3.00	Quantity. Rate in figures.
			Rate in figures.
			Rate in words
Total	per running metre	per hect.	Unit.
			Amount

Earnest money Rs 6300/-Time :- Two month

SI. NO.	Sub-Head/Item of work.	Quantity		Rate	Unit
			In Figures.	In Words	
_	2	u	4	55	5
_	Excavation in earth work in hilly area in all heights and denths in all kinds of soil	897.00			per cubic
	nst				metre
	soll erosion, damage to nill side. Water pollution, etc and to protect soll stability of nill side rock shall be excavated with chiseling and wedging our rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to ine, grades, slops, width, camber, super elevation and level as shown on the drawing as per direction of Engineer in Charge in conformity with the				
	general conditions of contract to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and stage, disposal of unsuitable cut material in specificied manner trimmingfilling of unevenness blindage				
	and finishing of the road to specified diamensions or as directed by Engineer in charge for smooth riding. The recovery of useful stones shall be made from the contractor and				
	recovery248.17cubic meter useful stones shall be made @170/-per cubic meter on				
	prorata basis in each running bill. Any loss to the public and private property during the				
	course of excavation shall be resorted by the contractor what so ever the nature of the				
	course of excavation shall be resorted by the contractor what so ever the nature of the same may be. The servicable material will be stacked out specified /dimension in all leads and lifts as per the direction of Engineer in Charge.				

		Sr.No.	Name of W				
Total	Hiring of Excavator-Curm-Loader(POCK LANEA.&T) with 90 H.P Engine and lifting capacity of minimum 5000 Kmgs including P.O.L charges, shifting charges and other anciliary equipments as required at site of work for cutting in earth work in all heights in all kinds of soil such as Kankar, moorum shingle boulders decomposed or soft variety of soil such as spade work, pick work, Jumper work, soft rock, hard rock including their intermediate classification of soil including chieselling/wedging out of rocks etc. where blasting is prohibited including saturated soils including lilling in embankments where including consolidating with sheep foot rollers and disposal of this unserviceable materials in all leads and lifts including mechanical transportation if necessary. The disposal of this unserviceable materials has to be done in the acquired width of the road to avoid damage to the properties of the people or in case any damage took place the contractor is liable for it. All salvaged materials such as quarried stone shall belong to the department and maximum useful quantity of stones from cutting work shall have to be neatly stacked along the road side on road burms. The work involves widening from existing width to IRC single lane standard width formation width 5 meters in straight and 7 meter in curves as per their radius. Minimum 40 cum of earth work shall be done by the Machine in one hour, other wise number of hour shall be reduced accordingly. The work shall have to be carried out as per Ministry of Transport as per instructions of the Engineer-Incharge including all leads and lifts.) With rock breaker	Sub-Head and Item of works	Name of Work :-C/O boundary wall safety in CHC Chirgaon(SH:-Hiring of pock lane for protection of boundary wall with stacking boulderss from river side) Under chirgaon sub division.				SCHEDULE OF QUANTITY
	110.00	Quantity.	for protec				OF QUANT
		Rate in figures.	tion of boundary				TTY
		Rate in words.	wall with stacking b	Time	Earnest Money	Estimate Cost	
	Per/ Hour	Unit	oulderss from rive	One N	100	495	
		Amount	r side) Under	One Month	10000	495000	

5200 2 Months

Estimate Cost Rs Earnest Money Rs 262319/-2550

		C	1	N		_	ZO	7
	earth etc, as per HP.PWD specification within all leads and lifts			undulation of sub grade with road roller including making good the	classification of soil completed as per HP.PWD specifications and as directed by the Engineer in Charge.	Preparation of sub grade by dressing to camber (Earth work for the cutting 774.63	Sr. Sub-head and item of works. No Quantity Part is Part is	Name of work - A/R & M/O Mehandli Tikkar road km
	nd casmber oorum	es with spalls and	s directed by the Engineer	ding making good the 774.63	specifications and as	utting	Quantity (Part in	m 0/0 to 28/640(SH-Providing on 1)
						Rate in words.	a stone soling in extnded w	Earnest Money Rs
Total:-	per cubic metre		Per sqm		Per Sqm	Unit	idth at RD 13/14	2550
						Amount.	45 to 13/400)	

Estimated Cost
Earnest Money

499994/-10000/-2 Months

Name of Work: R/R Damages to Mehandii Lahsa Chamsu road km km 0/0 to 50/(SH- CiO Rivalii at RD 20/25 to 20/43) Sako Sub-head and litem of works. Sako Sub-head and litem of works. I Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including 16.56 cutting and timming of side slopes and disposing of excavated earth with a lift upo any pecification of 1990 Volume-I, or as directed by the Engineer-in-Change. Providing and timming of side slopes and disposing of excavated earth with a lift upo any care and including setting of side slopes and disposing of excavated and it is a per rechnical specification of 1990 Volume-I, or as directed by the Engineer-in-Change. 2 Earthwork in excavation for structures as per drawing and technical specification of 1990 Volume-I, or as directed by the Engineer-in-Change. 2 Earthwork in excavation for structures as per drawing and technical specification of 1990 volume-I, or as directed by the Engineer-in-Change. 2 Earthwork in excavation for structures as per drawing and technical specification of 1990 volume-I or as including all leads and the same of the sand. 12 graded stone agreement stone of the plant s					Timo	Z MIOHO	
cum cum cum cum cum		TO T	R/wall at RD	2/025 to 2/0	43)		
sa in all kind of sand by mechanical/manual means including slopes and disposing of excavated earth with a lift upto any slopes and disposing of excavated earth with a lift upto any slopes and disposing of excavated earth with a lift upto any slopes and disposing of excavated earth with a lift upto any last specification Clause 1603.1 and as per HPPWD. e-I, or as directed by the Engineer-In-Charge. 38.52 structures as per drawing and technical specifications from and technical specification of shoring and bracing, removal of use concrete 1:6:12 (1cement: 6 sand: 12 graded stone ize) for plain/reinforced concrete in open foundations as per HPPWD, specification chauses 802, 803, 1202 and 1203 as per HPPWD, specification of 1990 volume-I or as as per HPPWD, specification of 1990 volume-I or as sper HPPWD, specification of 1990 volume-I or as per HPPWD. go3,1202,1203 within all leads and lifts as per directions of 903,1202 and technical specifications in cement montar miplete as per drawing and technical specifications of 903,1203 and 180,	Name	of Work: R/R Damages to Mehandli Lahsa Chamsu road km km 0/0 to 5/0(5n-5/0	mantity	Rate in	Rate in words.		Amount
siopes and disposing of excavated earth with a lift upto any slopes and disposing of excavated earth with a lift upto any slope and disposing of excavated earth with a lift upto any slope in Specification Clause 1603.1 and as per HPPWD. e-I, or as directed by the Engineer-In-Charge. 38.52 ing out, construction of shoring and bracing, removal of ing out, construction of shoring and bracing, removal of ing out, construction of shoring and bracing, removal of ing out, construction of shoring and bracing, removal of ing out, construction of shoring and technical specification clauses 802, 803, 1202 and 1203 as per HPPWD, specification clauses 802, 803, 1202 and 1203 as per HPPWD, specification of 1990 volume-1 or as 1.00 and 1203 as per HPPWD, specification of 1990 volume-1 or as 1.00 and 1203 as per HPPWD, specification of 1990 volume-1 or as 1.00 and 1203 as per HPPWD, specification of 1990 volume-1 or as 1.00 and 1203 as per HPPWD, specification of 1990 volume-1 or as 1.00 and 1203 as per HPPWD, specification of 1990 volume-1 or as 1.00 and 1203 as per HPPWD, specification of 1990 volume-1 or as 1.00 and 1203 as per HPPWD, specification of 1990 volume-1 or as 1.00 and 1203 as per HPPWD, specification of 1990 volume-1 or as 1.00 and 1203 as per HPPWD, specification of 1990 volume-1 or as 1.00 and 1203 as per HPPWD, specification of 1990 volume-1 or as 1.00 and 1203 as per HPPWD, specification of 1990 volume-1 or as 1.00 and 1203 as per HPPWD, specification of 1990 volume-1 or as 1.00 and 1203 as per HPPWD, specification of 1990 volume-1 or as 1.00 and 1203 as per HPPWD, specification of 1990 volume-1 or as 1.00 and 1203 as per HPPWD, specification of 1990 volume-1 or as 1.00 and 1203 as per HPPWD, specification of 1990 volume-1 or as 1.00 and 1203 as per HPPWD, specification of 1990 volume-1 or as 1.00 and 1203 as per HPPWD, specification of 1990 volume-1 or as 1.00 and 1203 as per HPPWD, specification of 1990 volume-1 or as 1.00 and 1203 as per HPPWD, specification of 1990 volume-1 or as	S.No.			figures.		cum	
Earthwork in excavation for structures as per drawing and technical specifications Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of Clause 305.1 including setting out, construction of shoring and bracing, removal of Clause 305.1 including setting out, construction of shoring and bracing, removal of Clause 305.1 including setting out, construction of shoring and left in the structure of sand: 12 graded stone Providing and Laying concrete 1:6:12 (1cement 6 sand: 12 graded stone Providing and Laying concrete concrete 1:6:12 (1cement 6 sand: 12 graded stone Providing and Laying concrete concrete in open foundations aggregate 40mm nominal size) for planiveniforced concrete in open foundations and irected by the Engineer-In-Charge PIL PCc (1:4:8) in open foundations complete as per drawing and technical specifications clause 802,803,1202,1203.within all leads and lifts as per directions of specifications clause 802,803,1202,1203.within all leads and lifts as per directions of specifications of dry rubble masonary for retaining walls, breast walls, revetiment Construction of dry rubble masonary for retaining walls, breast walls, revetiment Construction of dry rubble masonary for retaining walls, breast walls, revetiment Construction of dry rubble masonary for retaining walls, breast walls, revetiment Solve the Engineer-In-Charge. 51.55 clauses 702, 704, 1202 & 1203 including all leads and lifts, as per HPPWD, clauses 702, 704, 1202 & 1203 including all leads and lifts, as per HPPWD, clauses 702, 704, 1202 & 1203 including all leads and lifts, as per HPPWD, clauses 702, 704, 704, 704, 704, 705, 704, 705, 704, 705, 704, 705, 704, 704, 705, 704, 7	_	Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD, lead and lift as per Technical Specification by the Engineer-In-Charge.	16.56				
Earthwork in excavation for structures as per drawing and technical specifications Clauses 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a any lead and lift, aggregate 40mm nominal size) for plain/reinforced concrete in open foundations aggregate 40mm nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge IPIL PCC (1:4:8) in open foundations complete as per drawing and technical pPIL PCL (1:4:8) in open foundations complete as per drawing and technical pPIL PCL (1:4:8) in open foundations complete as per drawing and technical specification sclause 802,803,1202,1203 within all leads and lifts as per directions of specifications clauses 802,803,1202,1203 within all leads and lifts as per directions of Engineer incharge 1:6 (Construction of dry rubble masonary for retaining walls, breast walls, revelment walls and parapets etc. for sub-structure and super structure complete as per walls and parapets etc. for sub-structure and super structure complete as per drawing and technical specification including all leads and lifts, as per HPPWD, technical specification including all leads and lifts, as per drawing and technical specification of 1990 volume-I as directed by the Engineer-In-Charge.		specification of 1990 Volume-I, or as directed by the Englished III				cum	
Providing and Laying concrete concrete 1:6:12 (1cement: 6 sand: 12 graded stone aggregate 40mm nominal size) for plain/reinforced concrete in open foundations aggregate 40mm nominal size) for plain/reinforced concrete in open foundations aggregate 40mm nominal size) for plain/reinforced concrete in open foundations and technical specification clauses 802, 803, 1202 and 1203 complete as per drawing and technical specification of 1990 volume-1 or as including all leads and lifts, as per HPPWD, specification of 1990 volume-1 or as directed by the Engineer-In-Charge and technical specifications clause 802,803,1202,1203.within all leads and lifts as per directions of specifications clause 802,803,1202,1203.within all leads and lifts as per directions of specifications charge as per drawing and technical specifications of specifications of specification in cement mortar factors of approved quality in foundation in cement mortar 1:6(1cement:6sand), complete as per drawing and technical specifications of any rubble masonary for retaining walls, or as per HPPWD. Construction of dry rubble masonary for retaining walls, revertment walls, revertment specification including all leads and lifts, as per HPPWD, 51.55 Back filling behind abutment wing wall and return complete as per drawing and 10.80 page of the provided specification of 1990 volume-1 as directed by the 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	38.52				
Providing and Laying concrete 1:6:12 (1 cement: 6 sand: 12 graded stories aggregate 40mm nominal size) for plain/reinforced concrete in open foundations accomplete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-1 or as including all leads and lifts, as per drawing and technical PIL PCc (1:4:8) in open foundations complete as per drawing and technical specification of 1990 volume-1 or as including all leads and lifts as per drawing and technical specifications clause 802,803,1202,1203.within all leads and lifts as per directions of specifications clause 802,803,1202,1203.within all leads and lifts as per directions of specifications clause 802,803,1202,1203.within all leads and lifts as per directions of specifications of specifications clause 802,803,1202,1203.within all leads and lifts, or as per HPPWD. Clauses 702, 704, 1202 & 1203.including all leads and lifts, or as per HPPWD. Construction of dry rubble masonary for retaining walls, breast walls, reveltment walls, reveltment specification of 1990 volume-1 as directed by the Engineer-In-Charge. Specification of 1990 volume-1 as directed by the Engineer-In-Charge.		stumps and other deleterious material and disposar upon a con-	1224			cum	
directed by the Engineer-In-Charge Altercited by the Engineer-In-Charge P/L PCc (1:4:8) in open foundations complete as per drawing and technical specifications clause 802,803,1202,1203.within all leads and lifts as per directions of specifications clause 802,803,1202,1203.within all leads and lifts as per directions of specifications clause 802,803,1202,1203.within all leads and lifts as per directions of specifications clause 802,803,1202,1203.within all leads and lifts as per directions of Random rubble masonrystone masonry/(un-coursed/brought to courses)with hard stone of approved quality in foundation in cement mortar hard stone of approved quality in foundation in cement mortar hard stone of approved quality in foundation in cement mortar 1:6(1cement:6sand) complete as per drawing and technical specifications 1:6(1cement:6sand) complete as per drawing and lifts, or as per HPPWD, Clauses 702, 704, 1202 & 1203.including all leads and lifts, or as per HPPWD, Walls and parapets etc. for sub-structure and super structure complete as per Back filling behind abutment wing wall and return complete as per drawing and 10.80 Random rubble masonary for retaining walls, breast walls, revetment Structure complete as per drawing and 10.80 Random rubble masonary for retaining walls, as per HPPWD, Back filling behind abutment wing wall and return complete as per drawing and 10.80 Random rubble masonary for retaining walls, as per HPPWD, Back filling behind abutment wing wall and return complete as per drawing and 10.80 Random rubble masonary for retaining walls, as per HPPWD, Back filling behind abutment wing wall and return complete as per drawing and 10.80		Providing and Laying concrete concrete 1:6:12 (1cement: 6 sand. 12 grades as Providing and Laying concrete concrete in open foundations aggregate 40mm nominal size) for plain/reinforced concrete in open foundations aggregate 40mm nominal size) for plain/reinforced concrete in open foundations aggregate 40mm nominal size) for plain/reinforced concrete in open foundations aggregate 40mm nominal size) for plain/reinforced concrete in open foundations aggregate 40mm nominal size) for plain/reinforced concrete in open foundations aggregate 40mm nominal size) for plain/reinforced concrete in open foundations aggregate 40mm nominal size) for plain/reinforced concrete in open foundations aggregate 40mm nominal size) for plain/reinforced concrete in open foundations aggregate 40mm nominal size) for plain/reinforced concrete in open foundations aggregate 40mm nominal size) for plain/reinforced concrete in open foundations aggregate 40mm nominal size) for plain/reinforced concrete in open foundations aggregate 40mm nominal size) for plain/reinforced concrete in open foundations aggregate 40mm nominal size) for plain/reinforced concrete in open foundations aggregate 40mm nominal size) for plain/reinforced concrete in open foundations aggregate 40mm nominal size) for plain/reinforced concrete in open foundations aggregate 40mm nominal size for plain/reinforced concrete in open for plain size					
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Random rubble masonrystone masonry(un-coursed/brought to courses)with hard stone ofapproved quality in foundation in cement mortar 1:6(1cement:6sand) complete as per drawing and technical specifications 1:6(1cement:6sand) complete as per drawing and technical specifications 1:6(1cement:6sand) complete as per drawing and lifts, or as per HPPWD. Clauses 702, 704, 1202 & 1203.including all leads and lifts, or as per HPPWD. Construction of dry rubble masonary for retaining walls, breast walls, revetment walls and parapets etc. for sub-structure and super structure complete as per drawing and technical specification including all leads and lifts, as per HPPWD, technical specification of 1990 volume-I as directed by the Engineer-In-Charge.	4	P/L PCc (1:4:8) in open foundations complete as per drawing and technical specifications clause 802,803,1202,1203.within all leads and lifts as per directions of				23	
Random rubble masonrystone masonry(un-coursecrationy). Random rubble masonrystone masonry(un-coursecrationy). 1:6(1cement:6sand) complete as per drawing and technical specifications 1:6(1cement:6sand) complete as per drawing and technical specifications 1:6(1cement:6sand) complete as per drawing and lifts, or as per HPPWD. Clauses 702, 704, 1202 & 1203.including all leads and lifts, or as per HPPWD. Construction of dry rubble masonary for retaining walls, breast walls, revetment walls and parapets etc. for sub-structure and super structure complete as per walls and parapets etc. for sub-structure and super structure complete as per drawing and technical specification including all leads and lifts, as per HPPWD, technical specification including all leads and lifts, as per HPPWD, specification of 1990 volume-I as directed by the Engineer-In-Charge.		Engineer incharge	45.54			cum	
Clauses 702, 704, 1202 & 1203.including all leads and lifts, as per HPPWD, specification of 1990 volume-I as directed by the Engineer-In-Charge.	O1	Random rubble masonrystone masonry(un-coursed/brought to courses)with hard stone ofapproved quality in foundation in cement mortar hard stone ofapproved quality in foundation in cement mortar hard stone ofapproved quality in foundation in cement mortar hard stone of approved quality in foundation in cement mortar and stone of approved to the foundation of the foundation of the foundation in cement mortar and life, or as per HPPWD.	10.00			2	
walls and parapets etc. for sub-structure and super structure and super structure and super drawing and lifts as per drawing and lifts, as per HPPWD, specification of 1990 volume-I as directed by the Engineer-In-Charge.	6		51.55			N. S.	
Back filling behind abutment wing wall and return complete as per drawing and laborate filling behind abutment wing wall and return complete as per drawing and laborate filling behind abutment wing wall and return complete as per drawing and laborate filling behind abutment wing wall and return complete as per drawing and laborate filling behind abutment wing wall and return complete as per drawing and laborate filling behind abutment wing wall and return complete as per drawing and laborate filling behind abutment wing wall and return complete as per drawing and laborate filling behind abutment wing wall and return complete as per drawing and laborate filling behind abutment wing wall and return complete as per drawing and laborate filling behind abutment wing wall and return complete as per drawing and laborate filling behind abutment wing wall and return complete as per drawing and laborate filling behind abutment with a specific as the second complete filling behind abutment with a specific as the second complete filling behind abutment with a specific as the second complete filling behind abutment with a specific as the second complete filling behind abutment with a specific as the second complete filling behind abutment with a specific as the second complete filling behind abutment with a specific as the second complete filling behind abutment with a specific as the second complete filling behind abutment with a specific as the second complete filling behind abutment with a specific as the second complete filling behind abutment with a specific as the second complete filling behind abutment with a specific as the second complete filling behind abutment with a specific as the second complete filling behind abutment with a specific as the second complete filling behind abutment with a specific as the second complete filling behind abutment with a specific as the second complete filling behind abutment with a specific as the second complete filling behind abutment with a specific as the second complete filli			10.80			cum	
	7		10:00				*
	+	specification of 1990 voiding 1 as an over 1990		1		Total	

Schedule of quantity

Estimate Cost Rs Earnest Money Rs

493642/-9200/-

two month

Name of work -. C/O link road Bijori khad to Badali km 0/0 2/0 (SH- Provding kharanja stone soling at RD 0/0 to 0/390

	ω) -	No S
	Stone soling properly hand packed filling interstices with spalls and consoidating with power road roller to the requested gradient and casmber including srpeapding watering and rolling of binding materils moorum earth etc, as per HP.PWD specification within all leads and lifts	etc. with earth or quarry soil etc. and rerolling the sub-grade completed as per HP.PWD specifications and as directed by the Engineer in Charge.	Preparation of sub grade by dressing to camber (Earth work for the cutting involved for sub-grade to be paid for separately depending upon the classification of soil completed as per HP.PWD specifications and as directed by the Engineer in Charge.	No No
	215.57	1437.15	1437.15	Quantity.
				Rate in figures.
				Rate in words.
Total:-	per cubic metre	Per Sqm	Per Sqm	Unit
				Amount.

SCHEDULE OF GORRES

Earnest Money

Estimated Cost

9400 2 Months

Name of Work:- C/O Baggi Khabal road k.m. 0/0 to 10/00 (SH:- C/O R/wall in PCC 1:4:8 at R.D. 9/420 to 9/428) cis Sub-head and Item of works. Earthwork in excavation for structures as per drawing and technical specifications Clause 305 1 including setting out and lifts, as per HPPWD, specification of 1990 volume-1 or as directed by the Engineer-In-Charge available from excavation to be properly stacked and handed over to the department free of cost including all leads and lift, dressing of sides and bottom and backfilling in trenches with excavated suitable, material useful material construction of shoring and bracing removal of stumps and other deleterious material and disposal upto a any lead Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out. available from excavation to be properly stacked and handed over to the department free of cost including all leads and lift, dressing of sides and bottom and backfilling in trenches with excavated suitable, material useful material construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a any lead Providing and Laying concrete concrete 1:6:12 (1cement: 6 sand: 12 graded stone aggregate 40mm nominal and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge Providing and Laying concrete concrete 1.4.8 (1cement: 4 sand: 8 graded stone aggregate 25mm nominal size) in 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses leads and lifts, as per HPPWD_specification of 1990 volume-l or as directed by the Engineer-In-Charge open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all Providing weephole in brick masonary/stone masonry ,plain/reinforcement cement concrete abutment, wing wall return wall with 100mm dia AC pipe extending through the full width of structure with slop of 1(V).20(H) Boulder filling behind abutment wing wall and return complete as per drawing and technical specificastion as towards drawing face complete as per drawing and technical specification clauses614,709,1204.3.7 Quantity. 12.56 11.60 75.84 6.80 13.00 12 28 figures. Rate in Rate in words Unit Per Cum Per Cum Per Cum Each Per Cum Per Cum Amount.

Executive Engineer
B&R .Diyp HP.PWD
Rohru.

directed by the Engineer-In-Charge

Estimated cost Rs 271940/-/EARNEST MONEY Rs5438/-/TIME : Two month

Estimated cost Rs294244/-EARNEST MONEY Rs 5884/-TIME : Two month

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	Quantity	Rate in Figure. Rate in Words	tio motio
Sr No Description of items	find slopes and disposing of 25.65		per cubic metre
1 Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of a text of the Foringer in Charge including carriage of material through all modes of transportation			per cubic metre
within all leads and lifts and other incidentals.	breast walls, culverts, drains and 25.20		bei conic iiione
2 Earth work in excavation for all type of road structure such as retaining waits, preast waits, or as 2 Earth work in excavation for all type of classification of soil comprising of ordinary soil, ordinary rock, hard parapets etcetera in all type of classification of soil comprising of ordinary soil, ordinary rock, hard parapets etcetera in all type of classification of soil comprising of ordinary soil, ordinary rock, hard as per direction of the Engineer-in-Charge in	wing and MORD technical		ner cubic metre
3 Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open	lain/ reinforced concrete in open 7.200 rain 1:6:12 (One cement: six		
toundation for an type of successful and the stone aggregate) 40 mm (forty millimetre) nominal size oal specification of sand: twelve graded crushed stone aggregate) 40 mm (forty millimetre) nominal size oal specification of Engineer-in-Charge including carriage of material through all 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material thr	minal size oat specification of the same of material through all		per cubic metre
indees of water moscopy work in cement mortar 1:6 (one cement : six sand) for substructure complete	six sand) for substructure complete 49.41		
4 Random rubble stone masonry work in certifications Clauses 702, 704, 1202 and 1204 and as per the as per drawing and MORD Technical Specifications Clauses 702, 704, 1202 and 1204 and as per the direction of the Engineer-in-Charge including carriage of material through all modes of transportation within all direction of the Engineer-in-Charge including carriage of material through all modes of transportation within all)2 and 1204 and as per the all modes of transportation within all		each
leads and mission concrete ab	ment wing wall r eturn wall 100mm 25.00		-
5 Providing weephjoles in brick masonry/stone masonry /plain concrete abution. This discrete dia AC pipe extending through the full width of the structures with slope of I(V)20(H)thourgh drawing fasce complete as per drawing and technical specification clause 614 ,709 ,1204 3.7 within all leads and lifts as per complete as per drawing and technical specification clause 614 ,709 ,1204 3.7 within all leads and lifts as per complete as per drawing and technical specification clause 614 ,709 ,1204 3.7 within all leads and lifts as per complete as per drawing and technical specification clause 614 ,709 ,1204 3.7 within all leads and lifts as per complete as per drawing and technical specification clause 614 ,709 ,1204 3.7 within all leads and lifts as per complete as per drawing fasce.	I(V)20(H)thourgh drawing fasce I(V)20(H)thourgh drawing fasce 4 3.7 within all leads and lifts as per		

Executive Engineer
B&R Divn HP.PWD
Rohru

Total:-

ESTIMATED COST:Rs. 4,95,000./Earnest Money 10000/
TIME ALLOWED :- 2 Month.

Name of work :- Restoration of rain / Snow on various road under Chirgaon Sub-Division (Dhamwari section) (SH:-Hiring of JCB & Tipper for removal of slips/snow,slush/land slide ,clearence of drain,opening of culvert,filling of depression and burms etc.)

			NO.
	Hiring of Tipper for carriage of materials having capacity 400 Cft including P.O.L charges, shifting charges and other ancilliary equipment as required at site of work. The work shall have to carried out as per Ministry of Transport specifications of the Engineer-In-Charge including all leads and lifts.	Hiring of J.C.B(Excavator-Cum-Loader) having bucket capacity .50 cum including P.O.L charges, shifting charges and other anciliary equipments as required at site of work for removal of snow & slips in all heights in all kinds of soil such as kankar, moorum shingle boulders decomposed or soft variety of soil such as spade work, pick work, Jumper work, soft rock, hard rock including their intermediate classification of soil including mechanical transportation of necessary. The disposal of this un-serviceable material has to be done in the acquired width of the road to avoid damage to the properties of the people or in case any damage took place, the contractor is liable for it. All salvaged material such as quarried stone shall belong to the department and maximum useful quantity of stones from removal of slips shall have to be neatly stacked along road side on road burms. Minimum 30cubic meter of earth work shall be done by machine in one hour, other wise number of hour shall be reduced accordingly. The work shall have to be carried out as per Ministry of Transport as per instructions of the Engineer-In-Charge including all leads and lifts.	Sr No. Sub-Head and Item of works.
	s, 33.00 e	33.00	Quantity.
			Quantity. Kate in figures.
			Kate in words.
lotal:-	day	day	Cin
			71100111

Rohru Division,HP PWD Rohru. Executive Engineer

Estimated cost Rs 333608/-EARNEST MONEY Rs 6675/-TIME : Two month

	Name of Work. For dailinges Outai Formation (Commission Commission				
Sr No	Description of items	Quantity	Rate in Figure.	Rate in Words	unit
 ₹ 5 9 m	Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with in all leads and lifts as per drawing and Techical Specification Clause 1603.1 and as per the direction of the Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts and other incidentals.	26.00			per cubic metre
N C C C	Earth work in excavation for all type of road structure such as retaining walls, breast walls, culverts, drains and parapets etcetera in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rocks, chiseling/wedging out of rock (where blasting is prohibited) as per drawing and MORD technical specification Clause 305.1 and as per direction of the Engineer-in-Charge	21.60			per cubic metre
4 0 2 8 00 E	Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:4:8 (One cement: four sand: eight graded crushed stone aggregate)25 mm (twenty five millimetre) nomical specification clauses 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportion with in all leads and lifts and other incidentials.	58.60			per cubic metre
0.00.70	Providing weephjoles in brick masonry/stone masonry /plain concrete abutment wing wall return wall 100mm dia AC pipe extending through the full width of the structures with slope of I(V)20(H)thourgh drawing fasce complete as per drawing and technical specification clause 614,709,1204 3.7 within all leads and lifts as per directions of Engineer in charge	18.00			Z

Estimated cost Rs477182-EARNEST MONEY Rs 9200/--TIME : Two month

Nan	Name of work R/R damages Seema Rantari road km 0/0 to 12/0(SH- C/o B/wall in PCC 1:4:8 at 1/090 to 1/102)	TIME	: Two month
_	Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with in all leads and lifts as per drawing and Techical Specification Clause 1603.1 and as per the direction of the Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts, and other incidentals.	17.04	per cubic metre
2		14.52	per cubic metre
ω	Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:6:12 (One cement: six sand: twelve graded crushed stone aggregate) 40 mm (forty millimetre) nominal size oal specification clauses 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportion with in all leads and lifts and other incidentials.	8.28	per cubic metre
4		73.44	per cubic metre
51		20.00	Z
6	Brack filling the retaining wall and wing wall and return wall compmlete as per drfawing and technical specification clause 1204 3.8 within all leads and lifts as per directions of Engineer in charge	19.20	per cubic metre
Т			0

Estimated cost Rs 343465/-Earnestt money Rs6800/-Time :-Two month

Sub-head and Item of works.	Quantity. Rate in figures.	in Rate in words.	Unit.
1 Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD, specification of 1990 Volume-I, or as directed by the Engineer-In-Charge.	82.95		per cubic metre
2 Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a any lead and lift, dressing of sides and bottom and backfilling in trenches with excavated suitable material useful material available from excavation to be properly stacked and handed over to the department free of cost including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge	26.25		per cubic metre
3 Providing and laying of boulder apron laid in wire crates with 4mm dia GI conforming to IS 280 and 4826 in 100mmx100mm mesh (wooen diagnollay)including 10 per cent extra for lanps and joints laid with stone boulder weightin not less thadn 25 kg each as per drawing and technicap secification clause 1301within all leads and lifts as per direction of Engineer in charge	109.37		per cubic metre
TO I SHILL OF TAXABLE OF THE SHIP OF THE S			Total

ESTIMATED COST:Rs. 4,95,000./Earnest Money 10000/
TIME ALLOWED :- 2 Month.

Name of work :- Restoration of rain / Snow on various road under Chirgaon Sub-Division (Dhamwari section) (SH:-Hiring of JCB & Tipper for removal of slips/snow,slush/land slide ,clearence of drain,opening of culvert,filling of depression and burms etc.)

-	2	Area Control of the C	Sr No.
including all leads and lifts.	Hiring of Tipper for carriage of materials having capacity 400 Cft including P.O.L charges, shifting charges and other ancilliary equipment as required at site of work. The work shall have to carried out as per Ministry of Transport specifications of the Engineer-In-Charge	Hiring of J.C.B(Excavator-Cum-Loader) having bucket capacity .50 cum including P.O.L charges, shifting charges and other anciliary equipments as required at site of work for removal of snow & slips in all heights in all kinds of soil such as kankar, moorum shingle boulders decomposed or soft variety of soil such as spade work, pick work, Jumper work, soft rock, hard rock including their intermediate classification of soil including mechanical transportation of necessary. The disposal of this un-serviceable material has to be done in the acquired width of the road to avoid damage to the properties of the people or in case any damage took place, the contractor is liable for it. All salvaged material such as quarried stone shall belong to the department and maximum useful quantity of stones from removal of slips shall have to be neatly stacked along road side on road burms. Minimum 30cubic meter of earth work shall be done by machine in one hour, other wise number of hour shall be reduced accordingly. The work shall have to be carried out as per number of ransport as per instructions of the Engineer-In-Charge including all leads and lifts.	Sr No. Sub-Head and Item of works.
	all ge	33.00 r r 33.00 r r 33.00	Quantity
			Quantity. Rate in figures
			Rate in words.
Total:-	uay	day	Unit
			Milodin

Rohru Division, HP PWD Executive Engineer Rohru.

Name of work: - R/R Damages to various road in Seema Section (SH:- hiring of JCB removal of slips/drain and dressing of road surface)

		_	No Sr	
Total	including P.O.L charges, shifting charge and other ancillary equipments as required at site as per instructions of the Engineer-In-Charge including all leads and lifts.		Sub Head/items of work.	
	45.00		Time	Estima
	(figures	Rote	Estimated Cost. Earnest Money
		words	60 days	37800/-
	cum	Unit.		
		Amount		

Executive Engineer, B&R Division,HPPWD., Rohru.

Estimated cost Rs456640

Earenst monery Rs8600--

Name of work : - C/O M/T of Sharontha Karali Kangar Kalgaon Tedeer km 0/0 to 10/970 (ii)M/T of Niwaga Polather Banboo Kandora road km 0/870 (SH-

	0	-	No.
CBR valve as per direction s of Engineer in charge	A)Topoography survey by Digitial total section with two covere accuracy showing all feature on survey plan like tree culvert bridge electric pol telephonic poles hand pumb school habitant villages Section at 15(fifteen metre))interval L-section and calculate the quality of earth work in standart format of autocad showing all lager of pavement components as applicable C preparation of survey guidelines as per direction of Engineer in charge	r reparation of detailes project report which include provision as mentioned below	
19.0	18.51		Quantity. Rate in figures.
			Rate in figures.
			Rate in words
sample	per km		Unit.
			Amount

Estimated cost Rs426710
Earenst monery Rs8600Time: Three month
Time: Three month
Time: Three month

•	0				-	No.	Sr	Kadiw	Name	,
CBR valve as per direction s of Engineer in Charge	CBR test including grain size analysis atterbengs limint proctor compaction and	plan showing all provision and prepration of detial project report as per direction of Engineer in charge	hand pumb school habitant villages hand pumb school habitant villages section at 15(fifteen metre))interval L-section and calculate the quality of earth section at 15(fifteen metre))interval L-section and calculate the quality of earth section at 15(fifteen metre))interval L-section and calculate the quality of earth section at 15(fifteen metre))interval L-section and calculate the quality of earth section at 15(fifteen metre))interval L-section and calculate the quality of earth section at 15(fifteen metre))interval L-section and calculate the quality of earth section at 15(fifteen metre))interval L-section and calculate the quality of earth section at 15(fifteen metre))interval L-section and calculate the quality of earth section at 15(fifteen metre))interval L-section and calculate the quality of earth section at 15(fifteen metre))interval L-section and calculate the quality of earth section at 15(fifteen metre))interval L-section and calculate the quality of earth section at 15(fifteen metre))interval L-section and calculate the quality of earth section at 15(fifteen metre))interval L-section and calculate the quality of earth section at 15(fifteen metre))interval L-section and calculate the quality of earth section at 15(fifteen metre))interval L-section at 15(fifteen metre) section at 15(fifteen metre))interval L-section at 15(fifteen metre) section at 15(fifteen metre))interval L-section at 15(fifteen metre) section at 15(fifteen metre	A)Topoography survey by Digitial total section with two covere accuracy snowing A)Topoography survey by Digitial total section with two covere accuracy snowing A)Topoography survey by Digitial total section with two covere accuracy snowing A)Topoography survey by Digitial total section with two covere accuracy snowing A)Topoography survey by Digitial total section with two covere accuracy snowing A)Topoography survey by Digitial total section with two covere accuracy snowing A)Topoography survey by Digitial total section with two covere accuracy snowing A)Topoography survey by Digitial total section with two covere accuracy snowing A)Topoography survey by Digitial total section with two covere accuracy snowing A)Topoography survey by Digitial total section with two covere accuracy snowing A)Topoography survey by Digitial total section with two coveres accuracy snowing A)Topoography survey by Digitial total section with two coveres accuracy snowing A)Topoography survey by Digitial total section with two coveres accuracy snowing A)Topoography survey by Digitial total section with two coveres accuracy snowing A)Topoography survey by Digitial total section with two coveres accuracy snowing A)Topoography survey by Digitial total section with two coveres accuracy snowing A)Topoography survey by Digitial total section with two coveres accuracy snowing A)Topoography survey by Digitial total section with two coveres accuracy snowing A)Topoography survey by Digitial total section with two coveres accuracy snowing A)Topoography survey by Digitial total section with two coveres accuracy snowing A)Topoography survey by Digitial total section with two coveres accuracy snowing A)Topoography survey by Digitial total section with two coveres accuracy snowing A)Topoography survey by Digitial total section with two coveres accuracy snowing sno	Preparation of detailes project report which include project	novision as mentioned below	Sub-head and Item of works.	wan to Galoon dilibiation in the same reserved	Name of work: - C/O M/T Tutu Pani Nalban road km 0/0 to 5/540(II)Balance work and CBR tests.	
	19.0				18.51	V	ilguies.	ntity. Rate in	tests.	M/T Tunadhar Shahid N
								Rate in words		r Shahid Nala ban Deorighat road km 0/0 to 7/0(III) wire or
Executive Engineer B&R DiVision HP.PWD	P	sample			per km				Unit. A	d km 0/0 to //0(111) W
0 4									Amount	9

Schedule of quantity

Issue to Sh.

Division:- Rohru Sub-Divn :- Chirgaon.

Job. No:-

Estimated Cost:-4,62,000=00
Earnest Money:-9240/Time 3 months

dressing of road surface) Name of Work ;-R/R Damages to Various roads under Chirgaon Sub-Division in Chirgaon section (Sh :- Removal of slips by JCB at Various RDs, &

	4	Sr.No.
וואנו מכנוטווא סו נווכ בוישוויכט יווי ביייש	ator-cum-loader)having 0.5 c um bucket capacity including he Shifting charges and other anciliary equipments as he Shifting charges and other anciliary equipments as if work for removal of slips in all heights in all kind of soil rum, soft rock, hard rock including their intermediate ncluding mechanical transportation of necessary. The project in the accuired width of a ractor is liable for it. All salvaged material such as quarried of the department and maximum useful quantity of stones of the department and maximum useful quantity of stones is shall have to be neatly stacked along road side on the reineer- in -charge including all lead and lifts.	-
	75.00	אוויץ
	r/ uays	D/ days
Total Rs:-	r/ uays	B/ days

(SH:- Providing and Supplying of high intensity Engineering grade prismatic tape/sheeting) (Allocation Kansakoti Kuttara Dalgaon Road) Name of work:- Improvement of Black Spot Under various road under Rohru S/D

_	N G	?
Providing and Supplying of high intensity Engineering grade prismatic sheeting on the front side of existing W metal beam crash barrier size 300mm x 450mm in yellow and white colour at site within all leads and lifts and as per the direction of Engineer-in-Charge.	Sub Head/Items of work.	
475.00	Qīy	Estimated Cost Earnest Money Time
	figures	Cost. loney
	Rate in words	498750/- 10000/- 2 month
Per running Meter	Unit	
	Amour	

Executive Engineer, B&R Division, HPPWD., Rohru.

No Sr Name of work:- Improvement of Black Spot Under various road under Rohru S/D (SH:- Providing and Supplying of high intensity Engineering grade prismatic tape/sheeting) (Allocation TKHRRoad) Providing and Supplying of high intensity Engineering grade prismatic sheeting on the front side of existing W metal beam crash barrier size 300mm x 450mm in yellow and white colour at site Charge. Sub Head/items of work. within all leads and lifts and as per the direction of Engineer-in-Time Estimated Cost. Earnest Money Qty 470.00 figures Rate in 2 month Rate in words 10000/-493500/-Unit. running Meter Per

Amount

Executive Engineer, B&R Division, HPPWD., Rohru.