

Himachal Pradesh
Public Works Department
PW-RD-GA-Tender-2021-22-
To

15003

dated:- 3/02/

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 mentioned in the notice is exigencies/emergency are urg
nature and in public interest.

DA:- Notice inviting tender & sechedule of quantity.

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

Himachal Pradesh
Public Works Department
“NOTICE INVITING TENDERS”

Sealed item rate tender on form PWD 6&8 are invited by the Executive Engineer, Rohru Division HPPWD, on behalf of Governor of H.P. for the following works from the approved and eligible contractors 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:- 08-02-2022 upto 1:30PM
2. Date of issue/sale of tender forms:- 08-02-2022 upto 2:00PM to 5.00PM
3. Date of receipt of tender:- 09-02-2022 upto 10:30AM
4. Date of opening of tender:- 09-02-2022 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 month
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 month
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/-	2month
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 month
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/-	22days
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 month
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 month
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/-	15days
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 Month
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/-	2month
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 month
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 month
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 month
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 day
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 month
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 month
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 month
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 month
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/-	1month
20	R/R damages on Udo Niwas Jakhar road (SH:- R/wall at RD 3/800 to 3/820)	Rs.499638/-	Rs.10000/-	2month
21	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.126000/-	Rs.2600/-	1month
22	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/-	2month
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/-	2month
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/-	1month
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/-	2month
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/-	2month
27	R/R damages to mehandli Lasha Chamsu road km 0/0 to 5/0 (SH:-C/O R/wall at RD 2/025 to 2/043)	Rs.400496/-	Rs.8100/-	2month
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/-	2month

	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 documents.
2. The Contractors should quoted the rates of all the items in the tenders both in figures and words.
3. 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 without assigning any reason.

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

Copy forwarded for information and wide publicity to:-

1. The Chief-Engineer(S), HPPWD, Shimla-2.
3. The S E 14th Circle HPPWD, Rohru
4. 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,
Rohru.

Dated:- 03/02/22

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

SCHEDULE OF QUANTITY

Estimate Cost 495000/-
Earnest Money 10000.00
Time one month

Name 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 carriage of muck)

Sr.No	Sub-Head and Item of works	Quantity.	Rate in figures.	Rate in words.	Unit	Amount.
1	Hiring of JCB (Excavator cum loader) Pock lane with having 90 HP Engineer cum bucket capacity including POL charges shifting charges and other ancillary equipment as required at the site of work for removal of slips in all heights in all kinds of soil such as kankar ,moorum soft rock hard rock including their intermediate classification of soil including mechanical transportation of necessary .The disposal of this underviceable materia has to be done in the accured width of the road to avoid damage to the properties of the people or in case any damage took place the contractor is laible for it. All salvaged materials such as quarried stone shall be belong to the department and maxium useful quantity of stones from reoval of slips sshall have to be neatly stacked along road side on the berms .The work shall be carried out as per ministry of transport as per instruction of the Engineer in charge	90.00			per hours	
1	Hiring of Tipper for carriage 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	30.00			per Days	
	Total				Total	

Executive Engineer
B&R Divn HP,PWD
Rohru

DRAFT SCHEDULE OF QUANTITY.

Estimated Cost 3,83,005/-
Earnest Money 7700/-
Time 1 Months

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

Sub-head and item of works.	Quantity.	Rate in figures.	Rate in words.	Unit.	Amount.
1 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 OMC upto a lead of 1000 m as per technical and as per HPPWD, specification of 1980 Volume-I, or as directed by the Engineer-In-Charge.	5720.00			Per Sqm. meter.	
2 Clearing and grubbing road land including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300 mm, removal of stumps of such trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150 mm in thickness as per Technical Specification Clause 201, as directed by the Engineer-In-Charge.	0.92			Per Hact.	
3 Cutting of branches of trees shrubs and trimming of grass and weeds. of branches of trees and shrubs from the road way or with in R.O.W including disposal of wood and leaves to suitable location as per technical specification Clause 1914 or as directed by the Engineer-In-Charge	300.00			Nos	


Executive Engineer
B&R. Divn. H.P.PWD
Rohru.

SCHEDULE OF QUANTITY

Estimate Cos 4,36,913/-
Earnest Mone 8800/-¹
Time 2 Month.

Name of Work:- C/O Link road Bhainudhar k.m. 0/0 to 3/445 (SH:- C/O R/Wall in wire crate at R.D. 0/870 to 0/900)

Sr. No	Sub-head and item of works.	Quantity.	Rate in figures.	Rate in words.	Unit	Amount.
1	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 Volume-I, or as directed by the Engineer-In-Charge.	25.20			Per Cum.	
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	23.45			Per Cum.	
3	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS 280 and IS-4826 in 100 mm x 100 mm 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 technical specifications Clause 1301 or as directed by the Engineer-In-Charge	140.62			Per Cum.	
4	Back filling behind retaining wall, abutment wing wall and return complete as per drawing and technical specification or as directed by the Engineer-In-Charge	18.00			Per Cum.	
					Total	


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

SCHEDULE OF QUANTITY

Name of Work:- C/O Jabbal Pather nallah to Shagen Teer road k.m. 0/0 to 3/00 (Sh:- F/C 5/7 mtr wide road at R.D. 1/445 to 1/625.)

Estimated Cost 4,92,865/-
Earnest Money 9900/-
Time 2 Months

Sr No	Sub Head/items of work.	Qty	Rate in figures	Rate in word	Unit.	Amount
1	Excavation in hilly area in all heights and depths in all kinds of soil by manual/mechanical means including saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiselling/wedging out of rock (where blasting is prohibited) and other intermediate classification of soil setting out true to the required line, graded width cutting and trimming of side slopes and level as shown on the drawing and as directed by the Engineer-in-Charge at site according to the M.O.R.D Technical Specification Clause 300.1603.1, 1603.2, sorting out useful material and stacking the same in all leads and lifts in acquired width of the road and transportation of useful material for filling in road way, camber, embankments for grade improvements and disposal of all un-useful materials to required width of the road or on approved dumping sites, through all modes of transportation including head load or animals transport or mechanical means, along with its levelling fine dressing, and carriage of machines, materials tools equipments 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 slates shall be sorted out and stacked along road side which shall not be less than 1/3 (One third) for blasting work hard rock 1/6th (One sixth) blasting work soft rock 1/10th (one 10th) jumper work in all cases failing which recovery shall be effected on the prevailing market rates. Any loss to the public/private property during the course of execution shall be the absolute responsibility of the entire Contractor which shall have to be duly compensated by him in all cases as per direction of the Engineer-in-Charge including carriage of material within all leads and lifts. The rate including octroi, royalty, Malkana, toll tax sale tax or other taxes imposed by the Government. A recovery of useful stones 279 34 cum. metre @ Rs. 170/- Per cubic metre shall be done on pro-rata basis in each running bill for this item. 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 same may be. The servicable material will be stacked out specified/ dimension in all leads and lift as per the direction of Engineer in charge.	1821.75			Cum	
Total						

Executive Engineer,
Rohru Division HP PWD,
Rohru.


SCHEDULE OF QUANTITY .

Estimate Cost
Earnest Money
Time

105600/-
2100.00
22day

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

Sr.No.	Sub-Head and Item of works	Quantity.	Rate in figures.	Rate in words.	Unit	Amount.
1	Hiring of Tipper for carriage of material having 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 transport specification of the Engineer in charge	22.00			per day	
	Total				Total	


Executive Engineer
B&R Divn HP.PWD
Rohru

SCHEDULE OF QUANTITY

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 JCB at various RDs and dressing of road surface)


Cost.		Estimated	378000/-			
		Earnest Money Time	8000/- 60 days			
Sr No	Sub Head/items of work.	Qty	Rate in figures	Rate in words	Unit.	Amount
1	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.	30.00			cum	
Total						


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

Estimated Cost 340285/-
Earnest Money 6800/-
Time 2 Months

Name of Work:- R/R Damage to Badlayara Kaloti Dumadhar road km 0/0 to 5/0 (S.H.- C/O R/Wall at R.D. 3/570 to 3/587)

Sub-head and Item of works.	Quantity	Rate in figures.	Rate in words.	Unit	Amount
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.	16.83			Per cubic meter.	
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	25.33			Per cubic meter.	
3 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 directed by the Engineer-In-Charge	7.31			Per cubic meter.	
4 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	3.06			Per cubic meter.	
5 Random rubble masonry/stone masonry(un-coursed/brought to courses)with hard stone of approved quality in foundation in 1203 including all leads and lifts, or as per HPPWD, Specification of 1990 Volume-I, as directed by the Engineer-In-Charge.	23.29			Per cubic meter.	
6 Construction of dry rubble masonry for retaining walls, breast walls, revetment walls and parapets etc. for sub-structure and super structure complete as per drawing and technical specification clauses 704.6 & 1302.5 including all leads and lifts, as per HPPWD, Specification of 1990 volume-I as directed by the Engineer-In-Charge	38.06			Per cubic meter.	
7 Back filling behind abutment wing wall and return complete as per drawing and technical specification including all leads and lifts, as per HPPWD, specification of 1990 volume-I as directed by the Engineer-In-Charge	20.96			Per cubic meter.	
				Total	



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

SCHEDULE OF QUANTITY

Estimate Cost 126000/-
 Earnest Money 25200/-
 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.	Sub-Head and Item of works	Quantity.	Rate in figures.	Rate in words.	Unit	Amount.
1	Hiring of JCB (Excavator-cum-Loder)having 0.50cum bucket capacity including POL charges shifting charges and other ancillary 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 sahill 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 removal of slips where ever on the froad surface within all leads and lifts as directed by Engineer in charge	15.00			per day	
	Total				Total	


 Executive Engineer
 B&R Divn HP.PWD
 Rohru

DRAFT SCHEDULE OF QUANTITY

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

		Estimated Cost. Earnest Money Time		378000/- 8000/- 60 days		
Sr No	Sub Head/items of work.	Qty	Rate in figures	Rate in words	Unit.	Amount
1	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.	30.00			cum	
	Total					


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

Schedule of City

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

ESTIMATED COST:RS. 496800.00
 Earnest Money :- 10000.00
 TIME :- Two Month

Sr No.	Sub-Head and Item of works.	Quantity.	Rate in figures.	Rate in words.	Unit	Amount
1	Hiring of J.C.B (Excavator-cum-Loader) having bucket capacity 45 cum 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.	45.00			P/Day	
2	Hiring of Tipper for carriage of material having capacity 400 cft. including P.O.L charge and other ancillary equipments as required at the site of work. The work shall to be carried out as per ministry of transport as per instructions of the Engineer-in- Charge including all leads and lifts.	18.00			P/Day	
Total:-						

[Signature]
 Executive Engineer
 B&R Division,HP PWD
 Rohru

SCHEDULE OF QUANTITY.

Estimated Cost 3,80,752/-
Earnest Money 7700/-
Time 2 Months

Name of Work:- R/R Damesges 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)

Sub-head and Item of works.	Quantity.	Rate in figures.	Rate in words.	Unit.	Amount.
1 Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of slumps 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	24.00			Per cubic	
2 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 directed by the Engineer-In-Charge	6.90			Per cubic	
3 Random rubble masonry(stone masonry/un-coursed/brought to courses) with hard stone of approved 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, as directed by the Engineer-In-Charge	70.08			Per cubic	
4 Back filling behind abutment wing wall and return complete as per drawing and technical specification or as directed by the Engineer-In-Charge	7.20			per cubic metre	

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

SCHEDULE OF QUANTITY

252,000/-

Estimate Cost

252,000/-

Earnest Money

3000/-

Time

30day

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 maintenance of road)

Sr.No.	Sub-Head and Item of works	Quantity.	Rate in figures.	Rate in words.	Unit	Amount.
1	Hiring of JCB (Excavator -cum-Loder)having 0.50cum bucket capacity including POL charges shifting charges and other ancillary 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 removal of slips where ever on the rfoad surface within all leads and lifts as directed by Engineer in charge	30.00			per day	
	Total				Total	

Executive Engineer
B&R Divn HP.PWD
Rohru

Schedule of Qty

Name of Work:- R/R Damage to Rcd road km 2/00 to 21/95 (Sh:- Hiring of Pock lane/Tipper removal of slips/land slide and carriage of much)

ESTIMATED COST Rs. 412500.00
Earnest Money :- 8300.00
TIME :- One Month

Sr No.	Sub-Head and Item of works	Quantity	Rate in figures.	Rate in words.	Unit	Amount
1	Hiring of Excavator-Cum-Loader (2.5 LITRE 8T) with 90 H.P Engine and lifting capacity of minimum 5000 Kms. including P.O.L charges, shifting charges and other ancillary equipments as required at site of work for cutting in earth work in all heights in all kinds of soil such as Kankar medium single boulders decomposed or soft variety of soil such as spade work, pick work, lumper work, soft rock, hard rock including their intermediate classification of soil including chiselling/wedging out of rocks etc. where blasting is prohibited including saturated soils including filling 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 road 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 7.5 R.C. 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	65.00			Per Hour	
2	Hiring of Tipper for carriage of material having capacity 400 cft including P.O.L charge and other ancillary equipments as required at the site of work. The work shall to be carried out as per ministry of transport as per instructions of the Engineer-in-Charge including all leads and lifts	30.00			Per Day	
Total:-						


Executive Engineer
B&R Division, HP PWD
Rohru

SCHEDULE OF QTY

Estimate No. 252000.00
Earnest Money 5100.00
Time Two Month

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

Sr.No.	Sub-Head and Item of works	Quantity.	Rate in figures.	Rate in words.	Unit	Amount.
	Hiring of J.C.B (Excavator-Cum-Loader) having bucket capacity 45 cum including P.O.L.charges, shifting charges and other ancillary equipments as required at site as per instructions of the Engineer In-charge including all leads and lifts	30.00			Per day	
	Total				Total	

Executive Engineer,
B&R Division HPPWD,
Rohru.

Executive Engineer,
B&R Division HPPWD,
Rohru.

SCHEDULE OF QUANTITY

Estimated Cost
Earnest Money
Time
486836/-
9736
2 Months

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)					
S.No.	Sub-head and Item of works.	Quantity.	Rate in figures.	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.	35.00			cum
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 ,	26.40			cum
3	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 directed by the Engineer-In-Charge	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 masonry/stone masonry(un-coursed/brought to courses)with hard stone of approved 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			cum
6	Construction of dry rubble masonry 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 specification including all leads and lifts, as per HPPWD, specification of 1990 volume-I as directed by the Engineer-In-Charge.	21.60			cum
	Total				

Executive Engineer
B&R Division
HPPWD Rohru

SCHEDULE OF QUANTITY

Estimate Cost	4,00,4,96/-
Earnest Money	8100/-
Time	2 Month.

Name of Work:- C/O Link road Bhajinudhar to kewaldhar Via Mohan Lal Parisar k.m. 0/0 to 3/500 (SH:- C/O R/Wall in wire crate at R.D. 0/060 to 0/87.50)

Sr. No	Sub-head and item of works.	Quantity.	Rate in figures.	Rate in words.	Unit	Amount.
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	23.10			Per Cum.	
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	21.49			Per Cum.	
3	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS 280 and IS-4826 in 100 mm x 100 mm 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 technical specifications Clause 1301 or as directed by the Engineer-In-Charge	128.90			Per Cum.	
4	Back filling behind retaining wall, abutment wing wall and return complete as per drawing and technical specification	16.50			Per Cum.	
					Total	


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

SCHDUEL OF QUANTITY

Estimated Cost	3,86,238/-
Earnest Money	7800/-
Time	2 Months

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.	Quantity.	Rate in figures.	Rate in words.	Unit.	Amount.
1 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 Volume-I, or as directed by the Engineer-In-Charge	36.00			Per cubic meter	
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	13.20			Per cubic meter	
3 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 masonry/stone masonry, plain/reinforcement cement concrete abutment wing wall return wall with 100mm dia AC pipe extending through the full width of structure with slope of 1(V), 20(H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204, 3, 7	17.00			each	
				Total	

Executive Engineer
B&R Sub Divn HP, PWD
Rohru

SCHEDULE OF QUANTITY

Name of Work:- 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)

Sr No		Sub Head/items of work.		Estimated Cost. Earnest Money		443767/- 9000/- 1 month		Unit.		Amount	
				Qty	Rate in figures	Rate in words			Unit.	Amount	
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.		36.60					Per cum		
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. 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 cum		
3		Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 1301 or as directed by the Engineer-In-Charge.		146.62					Per cum		
		Total									



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

SCHEDULE OF QUANTITY

Estimate Cost 259200/-
Earnest Money 3000/-
Time 30day

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 maintenance of road)

Sr.No.	Sub-Head and Item of works	Quantity.	Rate in figures.	Rate in words.	Unit	Amount.
1	Hiring of JCB (Excavator -cum-Loder)having 0.50cum bucket capacity including POL charges shifting charges and other ancillary 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 shall 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 removal of slips where ever on the road surface within all leads and lifts as directed by Engineer in charge	30.00			per day	
	Total				Total	


Executive Engineer
B&R Divn HP.PWD
Rohru

DRAFT SCHEDULE OF QUANTITY

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

Name of work: - R/R Damages on Udo Niwas Jakhar road (SH-R/wall at RD 3/800 to 3/820)						
	Description of Items	Quantity	Rate in Figure.	Rate in Words	unit	Amount
		3	4	5		7
1	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 Technical 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.	36.00			per cubic metre	
2	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 ordinary soil, ordinary rock, hard rocks, chiselling/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 in	34.00			per cubic metre	
3	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 incidentals.	9.80			per cubic metre	
4	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) nominal specification clauses 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation with in all leads and lifts and other incidentals.	4.00			per cubic metre	
5	Random rubble stone masonry work in cement mortar 1:6 (one cement : six sand) for substructure complete 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 leads and lifts and other incidentals.	34.00			per cubic metre	
6	Construction of dry rubble masonry for retaining walls, breast walls, revetment walls and parapets etcetra for sub-structure and super structure complete as per drawing and MORD Technical Specification clauses 704.6 and 1302.5 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.	63.52			per cubic metre	
7	Back filling behind abutment, wing wall and return wall with Granular material complete as per drawings and technical specification clause 1204.3.8 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.	9.60			per cubic metre	

Executive Engineer
B&R Divn HP.PWD
Rohru

SCHEDULE OF QUANTITY

Estimate Cost 126000/-
Earnest Money 2520/-
Time 30day

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

Sr.No.	Sub-Head and Item of works	Quantity.	Rate in figures.	Rate in words.	Unit	Amount.
1	Hiring of JCB (Excavator -cum-Loder)having 0.50cum bucket capacity including POL charges shifting charges and other ancillary 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 sahl 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 removal of slips where ever on the rfoad surface within all leads and lifts as directed by Engineer in charge	15.00			per day	
	Total				Total	


Executive Engineer
B&R Divn HP.PWD
Rohru

SCHEDULE OF QUANTITY

Estimated cost Rs419172/-
Eareast money Rs8700/-
Time :- One Month

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

Sr No.	Sub-head and Item of works.	Quantity.	Rate in figures.	Rate in words	Unit.	Amount
1	Clearing and grubbing road land including uprooting wild vegetation, gress bushes, shrubs and trees of girth up to 300mm, removal of stumps of such trees cut earlier and disposal of unserviceable 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	3.00			per hect.	
2	construction of unlined surface drain of average cross sectional area of 0.4 sqm in ordinary rock to specified lines grades levels and dimensions as per approved design and technical specification clause 307 excavated materials to be used in embankments at site within all leads and lifts as per directions of Engineer	4950			per running metre	
					Total	


Executive Engineer
B&R Division HP, PWD
Rohru

SCHEDULE OF QUANTITY

Estimated cost Rs316096/-

Earnest money Rs 6300/-

Time :- Two month

Name of work :-improvement of Back spot on Arhal Bahsila road km 0/0 to 12/0(SH- windeing of roasd at Rd 1/500 to 1/635)

Sl. NO.	Sub-Head/Item of work.	Quantity	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Excavation in earth work in hilly area in all heights and depths in all kinds of soil including saturated soil comprising of mixed soil, ordinary and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side. Water pollution, etc and to protect soil stability of hill 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, stops, width, camber, super elevation and level as shown on the drawing as per direction of Engineer in Charge in conformity with the requirement of technical specification for rural roads august 2004 clause 16.2 of 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 specified manner, trimming/filling of unevenness bindage 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 recovery 248.17 cubic 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 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.	897.00			per cubic metre	

Executive Engineer
B&R Divn HP, PWD
Rohru

SCHEDULE OF QUANTITY

Name of Work :- 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 sub division.

Sr.No.	Sub-Head and Item of works	Quantity.	Rate in figures.	Rate in words.	Unit	Amount
1	Hiring of Excavator-Cum-Loader(POCK LANE/L&T) with 90 H.P Engine and lifting capacity of minimum 5000 Kms including P.O.L charges, shifting charges and other ancillary 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 chiselling/wedging out of rocks etc. where blasting is prohibited including saturated soils including filling 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 burns. 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-In-Charge including all leads and lifts.) With rock breaker	110.00			Per/ Hour	
	Total					


Executive Engineer,
B&R Division HPPWD,
Rohru

Name of Work:- R/R Dammages on Link road to Harijan Basti Bhammallah k.m. 0/0 to 2/300 (SH:- C/O B/wall at R.D. 1/973 to 1/995)

Sub-head and Item of works.	Quantity.	Rate in figures.	Rate in words.	Unit.	Amount.
1 Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto 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	17.60			Per Cum.	
2 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	44.00			Per Cum.	
3 Boulder filling behind abutment wing wall and return complete as per drawing and technical specification as directed by the Engineer-In-Charge	6.60			Per Cum.	
4 Providing weephole in brick masonry/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 clauses 614, 709, 1204, 3.7.	15.00			Each.	

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

SCHEDULE OF QUANTITY

Name of work - A/R & M/O Mehandli Tikkar road km 0/0 to 28/640(SH-Providing and laying kharanja stone soling in extnded width at RD 13/145 to 13/400)

Estimate Cost Rs 262319/-
Earnest Money Rs 2550
Time two month

Sr. No	Sub-head and item of works.	Quantity.	Rate in figures.	Rate in words.	Unit	Amount.
1	Preparation of sub grade by dressing to camber (Earth work for the cutting involved for sub-grade to be paid for separately depending upon the classification of soil completed as per HP.PWD specifications and as directed by the Engineer in Charge.	774.63			Per Sqm	
2	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and rerolling the sub-grade completed as per HP.PWD specifications and as directed by the Engineer in Charge.	774.63			Per sqm	
3	Stone soling properly hand packed filling interstices with spalls and consolidating with power road roller to the requested gradient and casmber including streapding watering and rolling of binding materials moorum earth etc, as per HP.PWD specification within all leads and lifts	116.19			per cubic metre	
Total:-						

Executive Engineer
B&R Divn HP.PWD
Rohru

SCHEDULE OF QUANTITY

Estimated Cost
Earnest Money
Time

499994/-
10000/-
2 Months

Name of Work: R/R Damages to Mehandli Lahsa Chamsu road km km 0/0 to 5/0(SH- C/O R/wall at RD 2/025 to 2/043)

S.No.	Sub-head and Item of works.	Quantity.	Rate in figures.	Rate in words.	Unit.	Amount.
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.	16.56			cum	
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,	38.52			cum	
3	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 directed by the Engineer-In-Charge	12.24			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	7.74			cum	
5	Random rubble masonry(stone masonry(un-coursed/brought to courses)with hard stone of approved 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..	45.54			cum	
6	Construction of dry rubble masonry for retaining walls, breast walls,revetment walls and parapets etc. for sub-structure and super structure complete as per drawing	51.55			cum	
7	Back filling behind abutment wing wall and return complete as per drawing and technical specification including all leads and lifts, as per HPPWD, specification of 1990 volume-I as directed by the Engineer-In-Charge.	10.80			cum	
	Total					

Executive Engineer
B&R Division
HPPWD Rohru

Schedule of quantity

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

Estimate Cost Rs 493642/-
Earnest Money Rs 9200/-
Time two month

Sr. No	Sub-head and item of works.	Quantity.	Rate in figures.	Rate in words.	Unit	Amount.
1	Preparation of sub grade by dressing to camber (Earth work for the cutting involved for sub-grade to be paid for separately depending upon the classification of soil completed as per HP.PWD specifications and as directed by the Engineer in Charge.	1437.15			Per Sqm	
2	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and reolling the sub-grade completed as per HP.PWD specifications and as directed by the Engineer in Charge.	1437.15			Per Sqm	
3	Stone soling properly hand packed filling interstices with spalls and consolidating with power road roller to the requested gradient and casmber including streapding watering and rolling of binding materials moorum earth etc, as per HP.PWD specification within all leads and lifts	215.57			per cubic metre	
					Total:-	

Executive Engineer
B&R Divn HP.PWD
Rohru

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)

Sub-head and item of works.	Quantity.	Rate in figures.	Rate in words.	Unit.	Amount.
1 Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto 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	12.56			Per Cum.	
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	11.60			Per Cum.	
3 Providing and Laying concrete concrete 1:6:12 (1 cement, 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 directed by the Engineer-In-Charge	6.80			Per Cum.	
4 Providing and Laying concrete concrete 1:4:8 (1 cement, 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	75.84			Per Cum.	
5 Providing weephole in brick masonry/stone masonry, plain/reinforcement cement concrete abutment wing wall, return wall with 100mm dia AC pipe extending through the full width of structure with slope of 1(V), 20(H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204 3, 7.	13.00			Each	
6 Boulder filling behind abutment wing wall and return complete as per drawing and technical specification as directed by the Engineer-In-Charge	12.28			Per Cum.	

Executive Engineer
B&R, DYP, PWD
Rohru.

SCHEDULE OF QUANTITY

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

Name of work: - C/O Dhara Barara Jhantu road km 0/0 to 3/0(SH-Boulder filling behind Abutment Right side at Rd 0/587 to 0/615)

Sr No	Description of Items	Quantity	Rate in Figure.	Rate in Words	unit	Amount
1	Back filling behind the retaining wall and wing wall and return walls and wing wall and return walls complete as per drawing and technical specification clause 1204.3.8 within all leads and lifts as per directions of Engineer in charge	87.06			per cubic metre	
2	Filling in foundation trenches as per drawing and technical sefication clause 305.3.9 within all leads and lifts as per directions of Engineer in charge	519.75			per cubic metre	
Total:-						

Executive Engineer
B&R Divn HP, PWD
Rohru

SCHEDULE OF QUANTITY

Estimated cost Rs.29424/-
EARNEST MONEY Rs. 5884/-
TIME : Two month

Name of work -C/O B/wall at Ayurevdi Dispensary at Harwani in G.P Sindasli in Tehsil chirgaon Distt shimla HP(SH- C/O B/wall H-2.44 L-15 mtrs						
Sr No	Description of Items	Quantity	Rate in Figure.	Rate in Words	unit	Amount
1	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 Technical 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.	25.65			per cubic metre	
2	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 in	25.20			per cubic metre	
3	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 transportation with in all leads and lifts and other incidentals.	7.200			per cubic metre	
4	Random rubble stone masonry work in cement mortar 1:6 (one cement : six sand) for substructure complete 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 leads and lifts and other incidentals.	49.41			per cubic metre	
5	Providing weepholes in brick masonry/stone masonry /plain concrete abutment wing wall r return wall 100mm dia AC pipe extending through the full width of the structures with slope of 1(V)/20(H)through 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	25.00			each	
Total:-						


Executive Engineer
B&R Divn HP, PWD
Rohru

SCHEDULE OF QUANTITY

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 ,clearance of drain,opening of culvert,filling of depression and burms etc .)

Sr No.	Sub-Head and item of works.	Quantity.	Rate in figures.	Rate in words.	Unit	Amount.
1	Hiring of J.C.B.(Excavator-Cum-Loader) having bucket capacity .50 cum including P.O.L charges, shifting charges and other ancillary 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.	33.00			day	
2	Hiring of Tipper for carriage of materials having capacity 400 Cft including P.O.L 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 specifications of the Engineer-In-Charge including all leads and lifts.	33.00			day	
					Total:-	


Executive Engineer
Rohru Division,HP PWD
Rohru.

SCHEDULE OF QUANTITY

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

Name of work: R/R damages Gujar Khota Junidhar road km 0/0 to 5/0(SH-C/0 B/Wall in PCC 1:4:8 at RD 4/510 to 4/530)


Sr No	Description of items	Quantity	Rate in Figure.	Rate in Words	unit	Amount
1	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 Technical 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	
2	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, chiselling/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	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) nominal specification clauses 802, 803, 1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation with in all leads and lifts and other incidentals.	58.60			per cubic metre	
5	Providing weepholes 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 1(V)20(H) thorough 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			No	

Executive Engineer
B&R Divn HP, PWD
Rohnu

SCHEDULE OF QUANTITY

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

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)					
1	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 Technical 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	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 in	14.52			per cubic metre
3	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 transportation with in all leads and lifts and other incidentals.	8.28			per cubic metre
4	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) nominal specification clauses 802.803.1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation with in all leads and lifts and other incidentals.	73.44			per cubic metre
5	Providing weephloes in brick masonry/stone masonry /plain concrete abutment wing wall r return wall 100mm dia AC pipe extending through the full width of the structures with slope of 1(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	20.00			No
6	Brack filling the retaining wall and wing wall and return wall complete as per dfrwing and technical specification clause 1204 3.8 within all leads and lifts as per directions of Engineer in charge	19.20			per cubic metre


Executive Engineer
B&R Divn HP, PWD
Rohru

SCHEDULE OF QUANTITY

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

Name of Work- C/O Dhara Nawara Kirana Mehandli road km 0/0 to 5/0 (SH- C/O R/wall in wire crate at 1/600 to 1/615 and 1/630 to 1/650)						
Sub-head and Item of works.	Quantity.	Rate in figures.	Rate in words.	Unit.	Amount.	
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 diagonlay)including 10 per cent extra for lamps and joints laid with stone boulder weightn not less thadn 25 kg each as per drawing and technicap secification clause 1301within all leads and lifts as per dirction of Engineer in charge	109.37			per cubic metre		
				Total		


Executive Engineer
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Rohnu

SCHEDULE OF QUANTITY

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

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

Sr. No.	Sub-Head and item of works.	Quantity	Rate in figures.	Rate in words.	Unit	Amount.
1	Hiring of J.C.B.(Excavator-Cum-Loader) having bucket capacity .50 cum including P.O.L charges, shifting charges and other ancillary 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.	33.00			day	
2	Hiring of Tipper for carriage of materials having capacity 400 Cft including P.O.L charges, shifting charges and other ancillary equipment as required at site of work. The work shall have to be carried out as per Ministry of Transport specifications of the Engineer-In-Charge including all leads and lifts.	33.00			day	
					Total:-	


Executive Engineer
Rohru Division, HP PWD
Rohru.

SCHEDULE OF QUANTITY

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)

Sr No	Sub Head/items of work.	Estimated Cost. Earnest Money				Unit.	Amount
		Qty	Rate in figures	Rate in words	Time		
1	Hiring of JCB (Excavator-cum-Loader) having bucket capacity, 45 cum 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.	45.00			60 days	cum	
	Total						


 Executive Engineer,
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 Rohru.

SCHEDULE OF QUANTITY

Estimated cost Rs456640
Earens money Rs8600--
Time :- Three month

Name of work : - C/O MT of Sharontha Karali Kangar Kalgaon Tedeer km 0/0 to 10/970 (ii)MT of Niwaga Polather Banboo Kandora road km 0/870 (SH-
preparation of DPR and CBR tests.

Sr No.	Sub-head and Item of works.	Quantity.	Rate in figures.	Rate in words	Unit.	Amount
1	Preparation of detailes project report which include provision as mentioned below					
	A)Topoography survey by Digital 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 B)Draw cross 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 plan showing all provision and preparation of detial project report as per MORD guidelines as per direction of Engineer in charge	18.51			per km	
2	CBR tesIncluing grain size analysis atterbengs limint proctor compaction and CBR valve as per direction s of Engineer in charge	19.0			sample	

Executive Engineer
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Rohru

SCHEDULE OF QUANTITY

Estimated cost Rs426710
Earensi money Rs8600--

Time :- Three month

Name of work : - C/O M/T Tutu Pani Nalban road km 0/0 to 5/540(ii) Balance work and M/T Tunadhar Shahid Nala ban Deorighat road km 0/0 to 7/0(iii) M/T of Kadiwan to Galoon umbladwa road km 0/0 to 5/430. SH- preparation of DPR and CBR tests.

Sr No.	Sub-head and Item of works.	Quantity.	Rate in figures.	Rate in words	Unit.	Amount
1	Preparation of detailes project report which include provision as mentioned below A) Topoography survey by Digital total section with two covere accuracy showing all feature on survey plan like tree culvert bridge electric pol telephonic poles B) Draw cross 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 C preparation of survey as applicabile plan showing all provision and prepration of detial project report as per MORD guidelines as per direction of Engineer in charge	18.51			per km	
2	CBR test including grain size analysis attenbengs limint proctor compaction and CBR valve as per direction s of Engineer in charge	19.0			sample	

Executive Engineer
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Rohru

Schedule of quantity

Issue to Sh.


Job. No:-

Division:- Rohru
Sub-Divn :- Chirgaon.

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

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, & dressing of road surface)

Sr.No.	Descriptions of item.	Qty	Unit	Rate	Amount
1	Hiring of JCB (Excavator-cum-loader)having 0.5 c um bucket capacity including P.O.L Charges and the Shifting charges and other ancillary equipments as required at the site of work for removal of slips in all heights in all kind of soil such as kankar, moorum, 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 accured width of the road to avoid damage to the properties of 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 the road berms. The work shall to be carried out as per ministry of transport as per instructions of the Engineer- in -charge including all lead and lifts.	75.00	P/ days		
				Total Rs :-	


Executive Engineer
B& R Division HP.PWD
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SCHEDULE OF QUANTITY

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 Kansakoti Kuttara Dalgaon Road)

		Estimated Cost. Earnest Money Time	498750/- 10000/- 2 month			
Sr No	Sub Head/items of work.	Qty	Rate in figures	Rate in words	Unit.	Amount
1	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.	475.00			Per running Meter	


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

SCHEDULE OF QUANTITY

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 TKH Road)

		Estimated Cost. Earnest Money Time	493500/- 10000/- 2 month			
Sr No	Sub Head/items of work.	Qty	Rate in figures	Rate in words	Unit.	Amount
1	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.	470.00			Per running Meter	


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