

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

17709

dated: 26-2-2022

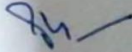

The Executive Engineer (IT Cell)  
Nigam Bihar, Shimla-2.

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 Pr. Secy. (PW) to the Govt. of H.P. letter N. PBW (B) A (3) 1/2020 dated Shimla-2 the 16<sup>th</sup> July 2021.

1. Certified that the tender mentioned in the notice is exigencies/emergency are urgent 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:- 07-03-2022 upto 1:30PM
2. Date of issue/sale of tender forms:- 07-03-2022 upto 2:00PM to 5:00PM
3. Date of receipt of tender:- 08-03-2022 upto 10:30AM
4. Date of opening of tender:- 08-03-2022 upto 11:00AM

Sr.No	Name of Work.	Estt.Cost.	E/Money	Time.
1	R/R Damages on Bhamnallah Kothal Khashandi road km 0/0 to 6/500 (SH:- C/O V-shape drain at RD 4/400 to 5/200)	Rs.435351/-	Rs.9000/-	1 month
2	R/R Damages to various road Under Chirgaon Sub-division( Chirgaon Section) (SH:- hiring of JCB for removal of slips,/drain, dressing of road surface)	Rs.487200/-	Rs.9800/-	2 month
3	R/R dmages to various road in Chirgaon Section in Chirgaon S/D (SH:- hiring of JCB for removal of slips,/drain, dressing of road surface)	Rs.487200/-	Rs.9800/-	2mont h
4	R/R dmages to various road Chirgaon S/D Seema Sectoin (SH:- hiring of JCB for removal of slips dressing of road surface)	Rs.126000/-	Rs.2500/-	1 month
5	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/-	45day s
6	R/R Damages to various road Samoli Section Sub-division Rohru (SH:- hiring of JCB for removal of slips and land slide,maintenance of road)	Rs.378000/-	Rs7800/-	2 month
7	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.2500/-	1 month
8	R/R damages on link road to Harijan Bati Bhamnallah km 0/0 to 2/300 (SH:-C/O B/wall in wire crate at RD 1/320 to 1/350)	Rs.451491/-	Rs.9100/-	2 Month
9	A/R & M/O Podhar Mandeori road km 0/0 to 12/200 (SH:- removal of rubbish km 0/0 to 12/0)	Rs.272990/-	Rs. 5600/-	2 Month
10	Missing CD Tutu Pani Nalaban road km 0/0 to 5/500 (SH:-C/O 900mm HPC at RD 3/480)	Rs.480703/-	Rs.9700/-	2mont h
11	R/R damages on Rohru Arhal Bashla road km 0/0 to 12/0 (SH:- C/O R/wall at RD 6/910 to 6/925)	Rs.337307/-	Rs.7000/-	2 month
12	R/R damages to Summerkot Section (SH:-hiring of Tipper for carriage of Muck)	Rs.145000/-	Rs.10000/-	1 month
13	Improvement of Black Spot Under various road under Rohru S/D (SH:- Providing and Supplying of high intensity Engineering grade prismatic tape/sheeting ) (Allocation Rohru Sungri Road)	Rs.498750/-	Rs.10000/-	1 month
14	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.5100/-	60 days
15	R/R Damages to various road Under Kansakoti Section Sub-division Rohru (SH:- hiring of JCB for removal of slips and snow,maintenance of road)	Rs.126000/-	Rs.2500/-	1 month
16	R/R Damages to various road Under Kansakoti Section Sub-division Rohru (SH:- hiring of JCB for removal of slips and snow,maintenance of road)	Rs.252000/-	Rs.5100/-	2 month
17	R/R Damages to various road Under Sub-division Rohru in Summerkot Section (SH:- hiring of JCB for removal of slips /snow, and dressing of road surface)	Rs.252000/-	Rs.5100/-	2 month



18	R/R Damages to various road Under Sub-division Rohru in Summerkot Section (SH:- hiring of JCB for removal of slips /snow, and dressing of road surface)	Rs.252000/-	Rs.5100/-	2 month
19	R/R Damages to various road Under Sub-division Rohru in Summerkot Section (SH:- hiring of JCB for removal of slips /snow, and dressing of road surface)	Rs.252000/-	Rs.5100/-	1mont h
20	R/R Damages to various road Under Sub-division Rohru in Summerkot Section (SH:- hiring of JCB for removal of slips /snow, and dressing of road surface)	Rs.252000/-	Rs.5100/-	2mont h
21	R/R Damages to various road Under Rohru Section Sub-division Rohru (SH:- hiring of Tipper for carriage of muck, gravel material etc)	Rs.250800/-	Rs.5100/-	2mont h
22	R/R Damages to various road Rohru Section Under Sub-division Rohru (SH:- hiring of JCB for removal of slips /snow, maintenance of road)	Rs.252000/-	Rs.5100/-	2mont h
23	Improvement of Black Spot/improvement of curve on RCD road km 0/0 to 21/195 (SH:- widening of narrow reaches at RD 9/060 to 9/075)	Rs.415494/-	Rs.8300/-	2mont h
24	C/O link road Lower Blason to upper Balason km 0/0 to 0/500 (SH:- improvement of narrow reaches from various RD at 0/0 to 0/500)	Rs.377384/-	Rs.7600/-	1mont h
25	R/R damages to Bhaloon Kainchi kui road km 0/0 to 14/0 (SH:- R/wall in PCC 1:4:8 at RD 2/910 to 2/920)	Rs.398136/-	Rs.8000/-	2mont h
26	R/R Damages to various road Under Sub-division Chirgaon in chirgaon Section (SH:- hiring of JCB maintenance of road and removal of slips)	Rs.252000/-	Rs.5100/-	2mont h
27	A/R & M/O Parsa Chiuni Chhupari road km 0/0 to 9/900 (SH:- maintenance of drain and clearing of gubbing road land including uprooting wild vegetation, grass brushes shrubs km 0/0 to 9/900 maintenance of culvert km 0/0 to 9/900)	Rs.490978/-	Rs.9800/-	2mont h
28	R/R damages to Bye Pass road Rohru (samoli Bakhima to Mehndli) road km 0/0 to 6/025 (SH:- hiring of JCB removal of slips and dressing of road)	Rs.495600/-	Rs.10000/-	2mont h
29	R/R of Snow/rain damages on various road under Tikkar S/D (tikkar Section) hiring of JCB removal of snow/land slide drain cleance of opening of culvert filling depression of berms)	Rs.498000/-	Rs.10000/-	2mont h
30	R/R Damages to various road Rohru Section Under Sub-division Rohru (SH:- hiring of JCB for removal of slips /snow, maintenance of road)	Rs.252000/-	Rs.5100/-	2mont h
31	C/O Bhamnoli Bus stand to Jagamata Mandir Shaloti (SH:- C/O 1 no 900mm dia at RD 0/090 and wing wall PCC 1:3:6)	Rs.485063/-	Rs.10000/-	2mont h
32	C/O link road to Village Shardu km 0/0 to 1/0 (SH:-C/O R/wall at RD 0/695 to 0/709)	Rs.482307/-	Rs.9600/-	2mont h
33	C/O Bhamnoli Bus stand to Jagamata Mandir Shaloti (SH:- P/L Granular sub base GSB at RD 0/ to 0/350)	Rs.323028/-	Rs.7000/-	2mont h
34	C/O Govt Primary School at Bijori Seema (SH:-C/O R/wall in PCC 1:3:6 at RD 2/030 to 2/040.70)	Rs.498627/-	Rs.10000/-	2mont h
35	C/O Bhamnoli Bus stand to Jagamata Mandir Shaloti (SH:- C/O 1 no 900mm dia at RD 0/150 and wing wall PCC 1:3:6)	Rs.485037/-	Rs.10000/-	2mont h
36	C/O Rohru Barara Sharog road km 0/0 to 8/0 (SH:-C/O B/wall in PCC 1:4:8 at RD 3/795 to 3/810)	Rs.198884/-	Rs.4000/-	1 month

**Certified that the tender mentioned in the notice is exigencies/emergency are urgent nature and in public interest.**

Terms and conditions:-The tender document shall be issued only to these contractors/firms who fulfill the following criteria and submit the following document 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.

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

Dated:- 26-03-2022

NO.: -PW-RD-GA.-Tender/2021-22-- 17710-29


Copy forwarded for information and wide publicity to:-

1. The Chief-Engineer(S), HPPWD, Shimla-2.
3. The S E 14<sup>th</sup> Circle HPPWD, Rohru
4. All the E.E.'s under 14<sup>th</sup> 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.


**SCHEDULE OF QUANTITY**

		Estimate Cost	487200			
		Earnest Money	9800			
		Time	Two Month			
<b>Name of Work:- R/R Damage to Various road in Chirgaon Section in Chirgaon Sub Division ( SH:- Hiring of JCB removal of slips/drain &amp; dressing of road surface )</b>						
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.	58.00			Per Day	
<b>Total</b>						

  
 Executive Engineer,  
 B&R Division HPPWD,  
 Rohru

**SCHEDULE OF QUANTITY**

		Estimate Cost	487200			Amount
		Earnest Money	9800			
		Time	Two Month			
Name of Work:- R/R Damage to Various road in Chirgaon Section in Chirgaon Sub Division ( SH:- Hiring of JCB removal of slips/drain & dressing of road surface )						
Sr.No.	Sub-Head and Item of works	Quantity.	Rate in figures.	Rate in words.	Unit	Amount
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<b>Total</b>						

  
 Executive Engineer,  
 B&R Division HPPWD,  
 Rohru

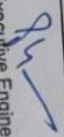


**SCHEDULE OF QUANTITY**

Estimate Cost 126000/-  
 Earnest Money 26000/-  
 Time one mon ths  
**SH-Hiring of JCB for removal ofslips dressing of road**

Name of work:- R/R damages to various road under <sup>disposal</sup> Rohru Sub Division (Seema section) surface.)

Sr.No	Sub-Head and Item of works	Quantity.	Rate in figures.	Rate in words.	Unit	Amount.
1	Hiring of JCB (Excavator cum loader having bucket capacity of 0.5cum cum includingPOL charge shifting charge and other ancillary equipemtn as required at site as per instruction of The Engineer in charge	15.00			per day	
	<b>Total</b>				<b>Total</b>	

  
 Executive Engineer  
 B&R Divn HP. PWD  
 Rohru

**DRAFT SCHEDULE OF QUANTITY**

Estimate Cost 2520000.00  
Earnest Money 90000.00  
Time 30days

Name of work:- R/R damages to various road under summerkot section sub Division Rohru (SH-Hiring of JCB for removal of 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 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	30.00			per day	
	Total				Total	

Executive Engineer  
B&R Divn HP,PWD  
Rohru

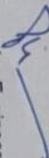


**SCHEDULE OF QUANTITY**

Estimate Cost 126000/-  
 Earnest Money 2520/-  
 Time 15 days

**Name of work:- R/R damages to various road under summerkot section sub Division Rohru (SH-Hiring of JCB removal of slips and land slide maintance oif 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 froad surface within all leads and lifts as directed by Engineer in charge	15.00			per day	
	Total				Total	

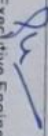
  
 Executive Engineer  
 B&R Divn HP PWD  
 Rohru

**SCHEDULE OF QUANTITY.**

Estimated Cost 451491  
 Earnest Money 9100  
 Time 2 Months

**Name of Work:- R/R Damages on Link road to Harijan Basti Bhammallah k.m. 0/0 to 2/300 (SH:- C/O B/wall in wire crate at R.D. 1/320 to 1/350 )**

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 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.	171.30			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	22.50			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	140.63			per cubic metre	

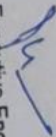
  
 Executive Engineer  
 B&R, Divn HP-PWD  
 Rohru.



**SCHEDULE OF QUANTITY**

Estimated cost Rs272990/-  
 Earenet money Rs5400/-  
 Time :- One Month

Name of work : A/R & M/O Podhar Mandori road km 0/0 to 12/200(SH- Removal of rubbish km 0/0 to 12/0.						
Sr No.	Sub-head and Item of works.	Quantity.	Rate in figures.	Rate in words	Unit.	Amount
1	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 earler 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	3.66			per hect.	

  
 Executive Engineer  
 B&R Division HP, PWD  
 Rohru

SCHEDULE OF QUANTITY

ESTIMATED COST Rs480703/-  
Earnest money Rs9615/-  
Time :- Two month

Name of Work:- Missing C/D Tutu Paul Nalban road km 0/0 to 5/500(SH- C/0 900mm humpe culvert at Rd 3/480

S.N	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.	25.460			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	32.02			cum	
3	providing and laying cement concrete for reinforced concrete foundation complete as per drawing and technical specicahn PCC 1:3:6 M-10 with in all leads and lifts as per directions of Engineer in charge	1.690			cum	
4	Stone masonry in cement concrete for sub substrite complete as per drawing technical specification clause 702.704 1202 and 1204 cement mortar 1:5 1 cement Sand	12.12			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 a	34.97			cum	
6	Providing and laying reinforced cement concrete pipe NP2 for culverts on first class bedding of granular materials in single row including fixing collar with cement mortar 1:2 but excluding excluding excavation, protection works back filling concrete and masonry work in head wall and parapets clause 1106 within all leads and lift as per directions of Engineer	7.50			mml	
7	Providing and laying rubble flooring complete as per drawing and technical specification clause 1303 within all leads and lifts as per directions of engineer in charge	0.49				
8	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.	4.95			cum	
9	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	5.60			cum	



11 providing PCC 1:4:8 in foundation complete as per drawing and technical specification within all leads and lifts as per directions  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	4.73	31.08			Sum	Sum
					Total	

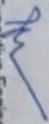
Executive Engineer  
 B&R Division  
 Patna

**SCHEDULE OF QUANTITY**

Estimated cost Rs 33790/-  
EARNEST MONEY Rs 6750/-  
TIME : Two month

Name of work: - R/R damages to Rohru Arhal Bashaal road km 0/0 to 120(SH- C/O R/wall at Rd 6/910 to 6/925)

Sr No	Description of Items	Quantity	Rate in Figures	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.	19.05			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 MORO technical specification Clause 305.1 and as per direction of the Engineer-in-Charge in	22.50			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 soil 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.	6.45			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.	2.55			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 MORO 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.	20.05			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 MORO Technical Specification clauses 704.6 and 1302.5 and as per the direction of the Engineer-in-Charge including	50.40			per cubic metre	
7	Back filling behind the abutment wing wall and return wall complete as per drawing and technical specification 1204.3.8 within all leads and lifts as per direction of Engineer in charge	7.20			per cubic metre	
	<b>Total:-</b>					

  
 Executive Engineer  
 B&R Dwn HP PWD  
 Rohru



**SCHEDULE OF QUANTITY .**

Estimate Cost  
Earnest Money  
Time

~~4400~~ 145,200/-  
5016.00  
two months

Name of work :R/R damage to various road summerkot section (SH- Hiring of Tipper for carring of muck

Sr.No.	Sub-Head and Item of works	Quantity	Rate in figures.	Rate in words.	Unit	Amount
1	Hiring of Tipper for carrige of material hav ing capacity 350 cft 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	

*[Signature]*  
Executive Engineer  
B&R Divn HP.PWD  
Rohru






**SCHEDULE OF QUANTITY**

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

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

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


**SCHEDULE OF QUANTITY**

Estimate Cost 1260000.00  
 Earnest Money 2500.00  
 Time 2 Months

Name of work :- R/R damage to Various Road Kansakoti section Sub Division Rohru

( SH:-Hiring of JCB for removal of slip and Snow Maintenance of road)

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 charges and other ancillary equipments ,with in all leads and lifts as directed By Engineer Incharge Min. 18.00 Cum of earth shall be done by Machine in one Hours , shall be dudected 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 .	15 days			Per day	

  
 Executive Engineer,  
 B&R Division HPPWD,  
 Rohru.




**SCHEDULE OF QUANTITY**

Estimate Cost 252000.00  
 Earnest Money 5040.00  
 Time 2 Months

Name of work :- R/R damage to Various Road Kansakoti section Sub Division Rohru

( SH:-Hiring of JCB for removal of slip and Snow Maintenance of road)

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 charges and other ancillary equipments ,with in all leads and lifts as directed By Engineer Incharge Min. 18.00 Cum of earth shall be done by Machine in one Hours , 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 Days			Per day	

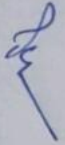
  
 Executive Engineer,  
 B&R Division HPPWD,  
 Rohru.

**SCHEDULE OF QUANTITY**

Estimate Cost 252000.00  
 Earnest Money 5100.00  
 Time 2 Months

Name of work :- R/R damage to Various road Under Rohru Sub-Division in summerkot section (D) SH:-Hiring of JCB for removal of slipsnow and dressing of road surface

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 charges and other ancillary equipments as required at site of work for removal of 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.	30.00			per hours	
<b>Total</b>						

  
 Executive Engineer,  
 B&R Division HPPWD,  
 Rohru.

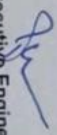


**SCHEDULE OF QUANTITY**

Estimate Cost 252000.00  
 Earnest Money 5100.00  
 Time 2 Months

Name of work :- R/R damage to Various road Under Rohru Sub- Division in summerkot section) ( SH:-Hiring of JCB for removal of slipsnow and dressing of road surface

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 charges and other ancillary equipments as required at site of work for removal of slips in all heights in all hands 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.	30.00			per hours	
	<b>Total</b>					

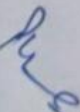
  
 Executive Engineer,  
 B&R Division HPPWD,  
 Rohru.

**SCHEDULE OF QUANTITY**

Estimate Cost 252000.00  
 Earnest Money \$100.00  
 Time 2 Months

Name of work :- R/R damage to Various road Under Rohru Sub- Division In summerkot section) ( SH:-Hiring of JCB for removal of slipsnow and dressing of road surface

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 charges and other ancillary equipments as required at site of work for removal of 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.	30.00			per hours	
	Total					

  
 Executive Engineer,  
 B&R Division HPPWD,  
 Rohru.

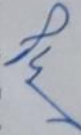


**SCHEDULE OF QUANTITY**

Estimate Cost 252000.00  
 Earnest Money 5100.00  
 Time 2 Months

Name of work :- R/R damage to Various road Under Rohru Sub- Division In summerkot section) <sup>(9)</sup> SH:-Hiring of JCB for removal of slipsnow and dressing of road surface

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 charges and other ancillary equipments as required at site of work for removal of slips in all heights in all kinds of soil such as kankar, moonrum 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.	30.00			per hours	
	<b>Total</b>					

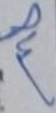
  
 Executive Engineer,  
 B&R Division HPPWD,  
 Rohru.

**SCHEDULE OF QUANTITY .**

Estimate Cost 250800/-  
 Earnest Money 5016.00  
 Time two months

Name of work :R/R damage to various road under Rohru section sub Divn Rohru (SH-Hiring of tipper for carriage of muck gravel materials etc

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 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	44.00			per day	
	Total				Total	

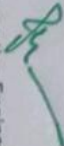
  
 Executive Engineer  
 B&R Divn HP PWD  
 Rohru



**SCHEDULE OF QUANTITY**

Name of Work: Improvement of Black spot / Improvement of curve on RCD road k.m. 0/0 to 21/195 (SH-1) Widening of narrow reaches at R.D. 9/080 to 9/075)

Sr. No.	Sub Headitems of work	Qty	Rate in figures	Estimated Cost	Unit	Amount
				Estimated Value		
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 appropriate classification of soil setting out true to the required line, graded width cutting and trimming of steep 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 machineries, 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 silt 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 Engineer-in-Charge 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 @ 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 out 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.	1056.21		Cum		
<b>Total</b>						

  
 Executive Engineer,  
 Rohru Division HP PWD,  
 Rohru.

**SCHEDULE OF QUANTITY**

Estimated cost- 377394.00  
 Earnest Money- 75471/-  
 Time :- one month

Name of work: C/O link road Lower Blason to upper Blason km 0/0 to 0/500(SH- Improvement of narrow reaches from various RDs at 0/0 to 0/500

Sl. NO.	Sub-Head/Item of work.	Qty.	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 line, grades, slopes, 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 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 recovery 162.900cubic 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.	1631.675			per cubic metre	5
	<b>Total:-</b>					

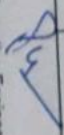
Executive Engineer  
 B&R Divn HP, PWD  
 Rohru



**SCHEDULE OF QUANTITY**

Estimated cost Rs.299136/-  
 EARNEST MONEY Rs. 7900/-  
 TIME : Two months

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.	13.00			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, 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	14.30			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 1:5:12 (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.	61.20			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.	16.00			No	
5	Providing weepholes in brick masonry/stone masonry /plain concrete abutment wing wall r eturn 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	16.00			per cubic metre	
6	Brack filling the retaining wall and wing wall and return wall complete as per drawing and technical specification clause 1204 3.8 within all leads and lifts as per directions of Engineer in charge	16.00				

  
 Executive Engineer  
 B&R Dwn HP PWD  
 Rohru

SCHEDULE OF QUANTITY

Estimate Cost 252000/-  
Earnest Money 5000/-  
Time 45 days

Name of work:- R/Restoration of Rain damages of various road under chirgaon sub Divin(SH-Hiring of JCB for maintenance of road and removal of slipes .

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 slipes where ever on the froad surface within all leads and lifts as directed by Engineer in charge	30.00			per day	
	Total				Total	1

Executive Engineer  
B&R Divn HP.PWD  
Rohru



**SCHEDULE OF QUANTITY**

Estimated cost Rs.470578/-  
 Earnest money Rs.94158/-  
 Term :- One Month

Name of work : - A/R & M/O Parsa chuni chhupeni road km 0/0 to 9/900/(SH- maintenance of drain and clearing of gutting road land including uprooting wild vegetation grass bushes shrubs km 0/0 to 9/900 maintenance of culvert km 0/0 to 9/900

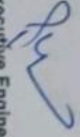
Sr No.	Sub-head and Item of works.	Quantity.	Rate in figures.	Rate in words	Unit	Amount
1	Cleaning and grubbing road land including uprooting wild vegetation, grass bushes, shrubs and trees of girth up to 300mm, removal of stumps of such trees cut earlier and disposal of unserviceable materials and stacking 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	5.94			per hect.	
2	The maintenance of drain including earthen repair cleaning including required deepening of side drain as well catch water drains as per technical specification clause 1907 within all leads and lifts as per direction of Engineer in charge	9800.0			per running metre	
3	Maintenance of hume pipe culverts of way of cleaning cleaning Erosion repair to cracks parapets wall and protections works as drawing and including specification clause 1908 within all leads and lifts as per directions of Engineer in charge	26.0			Each	
	<b>Total</b>					

Executive Engineer  
 B&R Division HP, PWD  
 Rohnu

**SCHEDULE OF QUANTITY**

Name of Work :- R/R Damage to By pass road Rohru ( Samoli Bakhirana to Mendali) road km 0/00 to 6/025 ( SH:- Hiring of JCB removal of slips and dressing of road)

Sr.No.	Sub-Head and Item of works	Quantity.	Rate in figures.	Rate in words.	Unit	Amount	Estimate Cost
							Earnest Money
							Time
							Two Weeks
1	Hiring of J.C.B(Excavator-Cum-Loader) front end loader 0.5 cum bucket capacity including P.O.L charges, shifting charges and other ancillary equipments as required at site of work for removal of 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-servicable 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.	59			P/Day		
<b>Total</b>							

  
 Executive Engineer,  
 B&R Division HPPWD,  
 Rohru



## SCHUELDE OF QUANTITY

Estimate Cost 498000.00  
 Earnest Money 10000.00  
 Time Two month

Name of work:- Restoration of snow /rain damages on various road under Tikkar sub Division (Tikkar section )Hiring of JCB removal of snow /land slide drain cleance of opening of culvert filling depression of berms..

Sr.No.	Sub-Head and Item of works	Quantity.	Rate in figures.	Rate in words.	Unit	Amount
1	Hiring of JCB (Excavator cum loader)having bucket capacity 50m cum including shifting charges and other ancillary by Engineer in charge in 18.00 m ducted accordingly JCB be deployed by dressing of berms shoulder clearance of drain culverts removal of excess soil from road surface filling pot holes with suitable materials from borrow pits and removal of slips wherever ever on the road surface within all leads and lifts as per directions of Engineer in charge	60.00			per day	
	<b>Total</b>				<b>Total</b>	

Executive Engineer  
 B&R Divn HP.PWD  
 Rohru

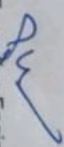
**SCHEDULE OF QUANTITY**

Estimate Cost 252000.00  
 Earnest Money 5040.00  
 Time 2 Months

Name of work :- R/R damage to Various Road Rohru section Sub Division Rohru

( SH.-Hiring of JCB for removal of slip and Snow Maintenance of road)

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 charges and other ancillary equipments ,with in all leads and lifts as directed By Engineer Incharge Min. 18.00 Cum of earth shall be done by Machine in one Hours , 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 Days			Per day	

  
 Executive Engineer,  
 B&R Division HPPWD,  
 Rohru.



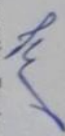
**Schedule of Qty**

Estimated Cost  
Earnest Money  
Time

485053/-  
9700/-  
Two Month

Name of Work :- C/o Bhamoli Bustand to Jagmata Mandir Shaloti ( SH:-C/o 1 no 900mm dia HPC at RD 0/090 and wing wall PCC 1:3:6)							
Sub-head and item of works.	Quantity.	Rate in figures.	Rate in words.	Unit	Amount.		
1 Excavation in soil in Hilly Area by mechanical means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto 1.5 m and a lead upto 20 m as per Technical Specification Clause 1603.1 and as per the direction of the Engineer -In-Charge including carriage of material through all modes of transportation with in all leads and lifts and other incidentals.	12.66			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 lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material in ordinary rocks upto 3 mtr depth within all leads and lifts as per direction of Engineer-In-Charge.	48.82			Per cubic meter.			
3 Providing and Laying concrete concrete 1:6:12 (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	5.00			Per cubic meter.			
4 Providing concrete for plain/reinforced concrete in open foundationR/B-walls complete as per drawing and technical specification clause 802,803,1202 & 1203 grade (1:4:8nominal mix), 1 cement :4 Sand :8 graded stone aggregate 40mm mm nominal mix with in all leads and lifts as per direction of Engineer-In-Charge.	1.92			Per cubic meter.			
5 Stone masonry in cement mortar for sub-structure 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. in C.m. 1:5 with in all leads and lifts as per direction of Engineer-In-Charge.	27.81			Per cubic meter.			
6 Providing concrete for plain/reinforced concrete in open foundationR/B-walls complete as per drawing and technical specification clause 802,803,1202 & 1203 grade M10 (1:3:6 nominal mix), 1 cement :3 Sand :6 graded stone aggregate	25.25			Per cubic meter.			
7 Plain reinforced cement concrete in sub structure as per drawing and technical specification clause 802,804,806,807 and 1204 nominal mix (1:2:4) for height upto 5mtr with in all leads and lifts as per direction of Engineer-In-Charge.	1.01			Per cubic meter.			
8 Back filling being the retaining wall and wing walls and return walls complete as per drawing and technical specification clause 1204.3.8	11.76			Per cubic meter.			

9	1106,	Providing and laying reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets Clause	7.5				Per running mtr	
10		Providing and laying flooring laid over cement concrete bedding complete as per drawing and technical specification clause 1303 with in all leads and lifts as per direction of Engineer-In-Charge.	0.49				Per cubic meter.	
11		Pointing with cement mortar (1:3) on stone masonry as per drawing and technical specification Clauses 613.3 and 1204 with in all leads and lifts as per direction of Engineer-In-Charge.	15.47				per sqm	

  
 Executive Engineer  
 B&R Division HP, PWD  
 Rohru

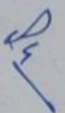


**Schedule of Qty**

Estimate Cost	323028
Earnest Money	6500/-
Time	Two month

**Name of Work :- C/o Bhamnoli Bustand to Jaga Mata Mandhir Shatloti ( SH:- P/L Granular Sub base GSB at RD 0/00 to 0/350)**

Sr. No	Sub-head and item of works.	Quantity.	Rate in figures.	Rate in words.	Unit	Amount.
1	Granular sub base with close graded material construction of granular sub base by providing close graded materials, mixing a mechanical mix plat at OMC carriage of mixed materials to work site spreading in uniform layers with motor grader on prepared surface and compacing with vibratory power roller to achieve the desired density complete as per clause 404 within all leads, lifts and other incidentals of the entire satisfaction of Engineer-in Charge.	146.56			per cum	
<b>Total</b>						

  
 Executive Engineer  
 B&R Division HPPWVD  
 Rohru

**Schedule of Qty**

Estimated Cost  
Earnest Money  
Time

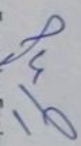
4456137  
9799/-  
Two Weeks

**Name of Work :** C/o Bhamoli Bustand to Jagmata Mandir Shaloti (SH-C/o 1 no 900mm dia HPC at RD 0/150 and wing wall PCC 1:3:5)  
**Sub-head and item of work.**

Sl. No.	Description of Work	Quantity	Rate in figures	Rate in words	Unit	Amount
1	Excavation in soil in Hilly Area by mechanical means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto 1.5 m and a lead upto 20 m as per Technical Specification Clause 1603.1 and as per the direction of the Engineer -In-Charge including carriage of material through all modes of transportation with in all leads and lifts and other incidentals.	12.66			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 lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material in ordinary rocks upto 3 mtr depth within all leads and lifts as per direction of Engineer-In-Charge.	48.82			Per cubic meter.	
3	Providing and Laying concrete concrete 1:6:12 (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-1 or as directed by the Engineer-In-Charge	5.00			Per cubic meter.	
4	Providing concrete for plain/reinforced concrete in open foundationR/B-walls complete as per drawing and technical specification clause 802,803,1202 & 1203 grade (1:4:8 nominal mix) ,1 cement :4 Sand :8 graded stone aggregate 40mm mm nominal mix with in all leads and lifts as per direction of Engineer-In-Charge.	1.92			Per cubic meter.	
5	Stone masonry in cement mortar for sub-structure 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-1, as directed by the Engineer-In-Charge. In C.m. 1:5 with in all leads and lifts as per direction of Engineer-In-Charge.	27.81			Per cubic meter.	
6	Providing concrete for plain /reinforced concrete in open foundationR/B-walls complete as per drawing and technical specification clause 802,803,1202 & 1203 grade M10 (1:3:6 nominal mix) ,1 cement :3 Sand :6 graded stone aggregate	25.25			Per cubic meter.	
7	Plain reinforced cement concrete in sub structure as per drawing and technical specification clause 802,804,806,807 and 1204 nominal mix (1:2:4) for height upto 5mtr with in all leads and lifts as per direction of Engineer-In-Charge.	1.01			Per cubic meter.	
8	Back filling being the retaining wall and wing walls and return walls complete as per drawing and technical specification clause 1204.3.8	11.76			Per cubic meter.	



9	Providing and laying reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets Clause 1106.	7.5				Per running mtr
10	Providing and laying flooring laid over cement concrete bedding complete as per drawing and technical specification clause 1303 with in all leads and lifts as per direction of Engineer-In-Charge.	0.49				Per cubic meter.
11	Pointing with cement mortar (1:3) on stone masonry as per drawing and technical specification Clauses 613.3 and 1204 with in all leads and lifts as per direction of Engineer-In-Charge.	15.47				per sqm

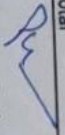
  
 Executive Engineer  
 B&R Division HP.PWD  
 Rohru

**SCHEDULE OF QUANTITY**

Estimate Cost 252000/-  
Earnest Money 5040.00  
Time 2months

Name of work:- R/R Damages to various road Rohru section under sub Division Rohru(SH-Hiring of JCB for removal of slips and snow 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 loader)having bucket capacity 45 cum in cluding POL charges shifting charges and other ancillary by Engineer in charge min 18.00 cum of earth shall be done by machine one hours shall be ducted accordingly JCB shall be deployed for dressing of b urns shoulder clearance of drain culverts removal of excess soil fromj road surface filling up of pot holes with soutable materials from borrow pits and removal of slips wherere ever on the road surface within all leds and lifts as per directions of Engineer in charge	30.00			per day	
	<b>Total</b>				<b>Total</b>	

  
Executive Engineer  
B&R Divn HP.PWD  
Rohru



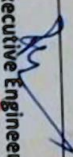
**SCHEDULE OF QUANTITY**

**Estimated Cost : 482307/-**

E-money:-9700/- Time : two months

C/o Link road vilage shadru km 0/00 to 1/00 SH:- C/o R/wall at Rd 0/695 to 0/709

S No.	Name of work	Quantity	Rate	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 a lift upto 1.5 m and a lead upto 20 m as per drawing and Technical Specification Clause 1603.1	31.92		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 lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material.	30.66		cum	
3	Plain/rein forced cement concrete(1:6:12)in open foundation complete as per drawing and technical specification Clauses 802,803,1202&1203	10.08		cum	
4	Plain/rein forced cement concrete(1:4:8)in open foundation complete as per drawing and technical specification Clauses 802,803,1202&1203	6.02		cum	
5	Stone masonry in cement mortar for substructure complete as per drawing& technical specification Clause 702,704,1202 and1204 Random rubble masonry in cement mortar(1:6)	37.7		cum	
6	Construction of dry masonry in Retaining walls etc . As per HPPWD specification	57.20		cum	
7	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8	8.82		cum	
<b>Total</b>					

  
 Executive Engineer  
 B&R Division HPPWD  
 Rohru


**SCHEDULE OF QUANTITY.**

Estimated Cost  
Earnest Money  
Time

461340  
9300  
2 Months

Name of Work: C/O Govt Primary School Building at Bijori (Seema ) (SH: C/O R/wall in PCC 1:3:6 at R.D. 2/030 to 2/040.7 )

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	15.19			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	15.30			Per Cum.	
3 Providing and Laying concrete concrete 1:6:12 (1cement: 6 sand: 12 graded stone aggregate 25mm 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	7.38			Per Cum.	
4 Providing and Laying concrete concrete 1:3:6 (1cement: 3 sand: 6 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	65.48			Per Cum.	
5 Providing weep-hole 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	17.10			Each	
6 Boulder filling behind abutment wing wall and return complete as per drawing and technical specification as directed by the Engineer-In-Charge	8.00			Per Cum.	

  
 Executive Engineer  
 B&R, D/O HP, PWD  
 Rohru

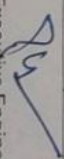


**SCHEDULE OF QUANTITY**

Name of Work:- R/R Damages on Bhammalah Kothal Khashkandi road k. m. 0/0 to 6/500 (SH:-C/O V-Shape drain at R.D. 4/400 to 5/200)

Estimated Cost	4,35,351/-
Earnest Money	8700/-
Time	2 Months

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	90.00			Per cubic	
2 Providing and Laying concrete 1:2:4 (1cement:2 sand:4 graded stone aggregate 20mm nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification in foundation & plinth including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge	58.40			Per cubic	
				<b>Total</b>	

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

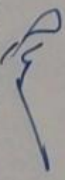
**SCHEDULE OF QUANTITY**

ESTIMATED COST:Rs. 3,78,000/-  
Earnest Money 8000/-

TIME ALLOWED :- 2 Month.

**Name of work :** Restoration of rain / Snow on various road under Rohru Sub-Division (Samoli section) ( SH:-Hiring of JCB for removal of slips/snow/slush/land slide & maintenance of road 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.	45.00			day	
<b>Total:-</b>						

  
 Executive Engineer  
 Rohru Division, HP PWD  
 Rohru.

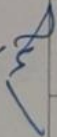


**SCHEDULE OF QUANTITY**

Name of Work: C/O Rohru Barara Sharog road k.m. 0/0 to 8/00 (SH: C/O B/Wall in PCC 1:4.8 at R.D. 3/795 to 3/810.)

Estimated Cost	1,56,884/-
Earnest Money	39771/-
Time	2 Months

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	13.50 ✓			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	10.80 ✓			Per cubic	
3 Providing and Laying concrete concrete 1:4:8 (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	35.70 ✓			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 slope of (1V) 20(H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204.3.7	16.00 ✓			Each	
<b>Total</b>					

  
 Executive Engineer  
 B&R Sub Divn HP.PWD  
 Rohru