

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

6222

dated:-1-7-2022


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 & schedule 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:- 16.072022 upto 1:00PM
- 2.Date of issue/sale of tender forms:- 16.07-2022 upto 2:00PM to 3.00PM
- 3.Date of receipt of tender:- 18.07-2022 upto 3:30PM
- 4.Date of opening of tender:- 18.07-2022 upto 4:00PM

Sr.No	Name of Work.	Estt.Cost.	E/Money	Time.
1	R/R Damages on Parsa Chiuni Lowerkoti Chhupari road Km. 0/0 to 10/300 (SH:- C/O R/wall in PCC at Rd. 7/420 to 7/435)	Rs.364931/-	Rs.7300/-	2 month
2	A/R & M/O RCD road Km. 0/0 to 21/195 (SH:- C/o wire create R/Wall at RD 20/820 to 20/855)	Rs. 479727/-	Rs. 9594/-	2 month
3	R/R Damages Udo Niwas Jakhar road Km. (SH:- C/O R/Wall at Rd. 3/310 to 3/330)	Rs. 341441/-	Rs. 6888/-	2month
4	R/R Damages to Jakhar Thothani Rantari road Km. 0/0 to 3/0 (SH:- R/Wall at RD 1/240 to 1/260)	Rs. 390066/-	Rs. 7800/-	1month
5	C/o HB road to Naga Plathar Km .0/0 to 4/500 (SH:- Widening improvement and down rulling gradient from Rds. 1/405 to 1/5250)	Rs. 131497/-	Rs. 2630/-	2 month
6	C/O link road to Baghi Km. 0/0 to 3/0 (SH:- widening of narrow reaches at Rd.0/180 to 0/600)	Rs.472937/-	Rs. 9500/-	2 month
7	C/O Bouli Nallah Durkuli roda Km. 0/0 to 3/500 (SH:- Widening and re-grading 5/7 mtr wide road portion at Rd. 0/0 to 1/180 and 1/800 to 1/845)	Rs. 487820/-	Rs.9760/-	2 month
8	R/R damages on Umladawar Farog Khalwan Khad road Km. 0/0 to 12/565 (SH:- C/o B/Wall at Rd. 8/360 to 8/3900)	Rs. 284474/-	Rs. 1689/-	2 month
9	RR damages to RCD road Km. 2/0 to 21/195 (SH:- C/o R/Wall in PCC 1:3:6 at Rd.6/051.40 to 6/061.40)	Rs. 488831/-	Rs. 9780/-	2Month
10	C/O link road Karchari to Thamtari Km. 0/0 to 0/700 (SH:- C/O B/Wall at Rd.0/340 to 0/345 , 0/410 to 0/455).	Rs. 461099/-	Rs. 9300/-	2month
11	R/R Damages to Kansakoti Kutara Dalgaon road Km.0/0 to 15/0 (SH:- C/O B/Wall in PCC 1:4:8 at Rd. 7/415 to 7/430)	Rs. 203011/-	Rs. 4080/-	3 Month
12	R/R Damages to Samoli Bhatwari road Km. 0/0 to 7/0 (SH:- C/O Solid cause way at Rd. 6/740 to 6/750)	Rs. 379559/-	Rs. 7590/-	2 Month
13	R/R Damages to link road to Gumma Village Km. 0/0 to 1/0 (SH:- C/O Abutment wall in wire creat at Rd. 0/80 to both side).	Rs. 35964/-	Rs. 6400/-	2 Month
14	C/o link road Tutupani Nalaban road Km . 0/0 to 5/500 (SH:- F/C 5/7 mtr wide road at Rd. 0/0 to 0/225)	Rs. 326151/-	Rs. 6600/-	3 Month
15	R/R Damages to Seri Chandigarh road Km. 0/0 to 6/300 (SH:- C/O R/wall at Rd.4810 to 4/822)	Rs. 473736/-	Rs. 9500/-	2 Month
16	C/o Link road Gheota Ghasni Km. 0/0 to 3/400 (SH:- C/O R/Wall at Rd.0/581 to 0/590)	Rs. 458362/-	Rs.9200/-	2 Month
17	R/R Damages to Badiyara Nandla road Km. 0/0 to 7/0 (SH:- C/O R/Wall at Rd. 2/240 to 2/262)	Rs. 450702/-	Rs. 9100/-	2Month
18	R/R Damages to Various road under Summerkot Section Sub-Division Rohru (SH:- Hiring of Tipper for carriage of muck , gravel material etc.)	Rs. 297000/-	Rs. 6000/-	2 Month
19	R/R Damages to Mehandli Tikkar Pujarli road Km. 0/0 to 28/500 (SH:- C/O R/Wall in PCC at Rd. 1/750 to 1/7650)	Rs. 450697/-	Rs. 9100/-	2 Month
20	R/R Damages to various road under Badiyara section in Chirgaon Sub Division (SH:- Hiring of JCB removal of slips / and slide )	Rs. 495600/-	Rs. 9900/-	59days

21	R/R Damages to Various road under Rohru Sub Division (Samoli Section ) (SH:- Hiring of JCB for removal of slips and maintenance of road)	Rs. 126000/-	Rs. 2500/-	15 days
22	C/o Lakadhar Mini Gadam road Km. 0/0 to 3/0 (SH:- C/O R/Wall at Rd 0/585 to 0/596)	Rs.357463/-	Rs. 7149/-	2 Month
23	R/R Damages to Sainji Munchara road Km. 0/0 to 6/00 (SH:- C/O R/Wall in PCC 1:4:8 at Rd. 2/685 to 2/702)	Rs. 367314/-	Rs. 7400/-	2 Month
24	R/R Damages to Various road under Chirgaon Sub Divisikon (in Dhamwari Section ) (SH:- Hiring of Tipper for carriage of Much slips )	Rs. 165000/-	Rs. 3300/-	3 Month
25	C/o Kui Nardu road Km. 0/0 to 1/500 (SH:- Providing and laying Kharanja stone soling at Rd. 0/440 to 0/800 )	Rs. 498976/-	Rs.9980/-	2Months
26	R/R Damages on Shallan Karchari Mandharli Km. 0/0 to 12/200 (SH:- C/O R/Wall in wire create at Rd. 11/045 to 11/1650	Rs. 275727/-	Rs. 5514/-	2 Month
27	R/R Damages to various road under Badiyara section in Chirgaon Sub Division (SH:- Hiring of JCB removal of slips / and slide )	Rs. 495600/-	Rs. 9900/-	59days
28	C/o link road Panchha to Kindradu ( King nagar ) (SH:- 5/7 mtr . wide road at Rd.0/0 to 0/1350	Rs. 498338/-	Rs. 10000/-	2Months
29	Improvement of Black Spot on TKHR road (SH:- C/O R/Wall and wire fencing at Rd. 80/550 to 80/576)	Rs. 499342/-	Rs. 9987/-	2Months
30	A/R & M/O Housing Board Colony at Samala (SH:- Providing and fixing Cup board for room and kitchen Flat No. 31 A & 32 A	Rs. 493859/-	Rs. 9877/-	2Months
31	A/R & M/O Housing Board Colony at Samala (SH:- Providing and fixing Cup board for room and kitchen Flat No. 29A & 30A	Rs. 493859/-	Rs. 9877/-	2Months
32	A/R & M/O Kansakoti Dalgaon road Km. 0/0 to 14/500 (SH:- C/O R/Wall at Rd. 2/056 to 2/067)	Rs.499647/-	Rs. 9993/-	3Months
33	A/R & M/O Housing Board Colony at Samala (SH:- C/o Roof work House No. 6 & 7)	Rs. 466985/-	Rs. 9340/-	3Months
34	C/o Tikkar Tunadhar Kewaladhar Said Nathuram road Km. 0/0 to 3/500 (SH:- C/O B/Wall in PCC 1:3:6 at Rd. 1/270 to 1/285)	Rs. 328116/-	Rs. 6500/-	2Months
35	R/R Damages to Umladwar Farog road Km 0/0 to 12/750 (SH:- C/O R/Wall at Rd. 3/420 to 3/428)	Rs. 466313/-	Rs. 9300/-	2Months
36	R/R Damages to Mehandli Tikakr Pujarli road Km. 0/0 to 28/500 (SH:- C/O R/Wall inPCC at Rd. 1/770 to 1/7850	Rs. 450696/-	Rs. 9000/-	2Months
37	R/R Damages to various road under Badiyara section in Chirgaon Sub Division (SH:- Hiring of JCB removal of slips at various RD and spreading of earth / sand on slippy and surface )	Rs. 487200/-	Rs. 10000/-	60 days
38	C/o link road Tippere to Shallan Kit Randeep Nagar Biharu Dodra PulKm. 0/0 to 3/400 (SH:- P/L Kharanja Stone soling at Rd. 0/0 to 0/250	Rs. 461620/-	Rs. 9300/-	2 Month
39	Link road to Samra Dhanoti Khalwan road Km. 0/0 to 3/400 (SH:- C/O 900 mm dia HPC at Rd. 1/900	Rs. 457593/-	Rs. 9200/-	2Month
40	C/O link road To HB Hanstari Dhar Km 0/0 to 1/500 (SH:- C/O R./Wall in wire create at Rd. 0/560 to 0/580)	Rs. 470022/-	Rs. 9400/-	2 Month
41	R/R Damages to various road under Seema section in Chirgaon Sub Division (SH:- Hiring of Tipper for removal of slips dressing of road surface and carriage of Muck)	Rs. 496800/-	Rs. 10000/-	60 days

42	(i)C/O Devidhar to Jakhuni ,Panu Bhamwari , Haolchha to Kutra road Km. 0/0 to 13/110( ii). C/O road Gaonsari , Maktot , Atgaon to Garisarn Simmorghati G.P. Gaonsari Km. 0/0 t 6/265) (SH:- Preparation of DPR and CBR tests )	Rs. 475937/-	Rs. 9500/-	1 Month
43	(i)C/O road from Jashlaghat Tikkar via Gujandli Km. 0/0 to 7/545( ii). C/O road from soa deori Shekhal via Bashlog Tikkar Km. 0/0 to 4/830 (SH:- Preparation of DPR and CBR tests )	Rs. 304438/-	Rs. 6000/-	1 Month
44	R/R Damages to Mehandli Tikkar road Km.0/0 to 28/540 (SH:- C/O B/wall at Rd.27/610 to 27/630)	Rs. 184762/-	Rs. 3695/-	2Month

**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 quote 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/reject any tender/application or all tenders without assigning any reason.

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

Dated:-

1.7.22

NO.:-PW-RD-GA.-Tender/2022-23--

6323-6422

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

Estimated Cost  
Earnest Money

3,64,931/-  
7300/-  
2 Months

Time

Name of Work:- R/R Damages on Parsa Chituni Lowerkot Chhapari road k.m. 0/0 to 10/300 (S.H.: C/O R/Wall in PCC at R.D. 7/420 to 7/435)

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.	7.95			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 deteriorous 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	12.83			Per cubic meter	
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	7.20			Per cubic meter	
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	56.30			Per cubic meter	
5 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.	8.70			Per cubic meter	
				Total	


Executive Engineer  
B&R Divn. HP-PWD  
Rohru

Job No. 2

SCHEDULE OF QUANTITY

Name of Work:- A/R & M/O RCD road k.m. 0/0 to 21/195 (S.H:- C/O R/Wall in wire crate at R.D. 20/820 to 20/855.)

					Estimate Cost	4,79,727/-
					Earnest Money	99594/-
					Time	2 Month.
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.	31.50			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	27.30			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	164.06			Per Cum.	
Total						

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

Job No. 3

**SCHEDULE OF QUANTITY**

Estimated cost Rs341441/-  
EARNEST MONEY Rs 6888/-  
TIME : Two month

Name of work - R/R damages Undo Niwas Jakhar road km (SH- C/O RIwall at RD 3/3.10 to 3/3.30)

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.	24.40			per cubic metre	
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 lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material. in ordinary rocks up to 3 mtr depth within all leads and lifts as per directions of Engineer in charge	18.00			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 coal 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.	8.60			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) 20 mm (twenty millimetre) nominal size coal 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.	3.60			per cubic metre	
5	Random masonry /stone masonry uncoursed brought to courses with hard stone of approved quality in foundation and plinth in cement mortar 1:6(1 cement :6sand)complete as per drawing and technical specification clause 702,704 1202 and 1203 HP/PWD specificatio 1990 volume-1 within all leads and lifts as per direction of Engineer in charge	22.07			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.	39.76			per cubic metre	
7	Back filling behind abutment wing wall and return wall with granular materials complete as per drawing and technical specification clause 1204.3.8 including carriege of materils as per direction of Engineer in charge	14.60			per cubic metre	
	Total:-					

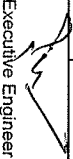
  
Executive Engineer  
B&R Dypr:FP.PWD  
Rohru

## DRAFT SCHEDULE OF QUANTITY

Name of work: R/R Damages to Jakhar Thohtani Ramtari road km 0/0 to 3/0(SH\_C/o R/wall at RD 1/240 to 1/260)

Estimated cost Rs 390066/-  
EARNEST MONEY Rs 7800/-  
TIME : Two month

1	2	3	4	5	6	7
1	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	22.40			per cubic metre	
2	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.	56.200			per cubic metre	
3	Providing and of boulder apron apron laid in wire crate with 4mm wire conforming to IS 280 and 4826 100mm (woven diagonal) in cl udlong 10 percent extra for laps and join ts laid with stone boulders weighing not less than 25kg each as per drawing and technical specification clause 1301 within all leads and lifts as per directions of Engineer in charg	125.00			per cubic metre	
4	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.	6.20			per cubic metre	
Total:-						

  
 Executive Engineer  
 B&R Divn HP PWD  
 Rohru

70546.4



29/11/25

**SCHEDULE OF QUANTITY**

Name of Work:- C/O Harijan Basti road to Nawga Plother road k.m. 0/0 to 4/500 (SH:- Widening, Improvement and down rulling gradient from R.D.  
1/405 to 1/525)

Estimated Cost 1,31,497/-  
Earnest Money 2630/-  
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 machinerries, 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 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 89.09 cum. metre @ Rs. 300/- 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.	524.10			Cum.	
<b>Total</b>						

  
Executive Engineer,  
Rohru Division HP, PWD,  
Rohru.

05 Nov 6

**SCHEDULE OF QUANTITY**

Name of work- C/O link road to Baghi km 0/0 to 3/0(SH-Winding of narrow reaches at RD 1/180 to 0/600)

Estimated cost Rs 472937/-  
Earnest money Rs-9500/-  
Time :- Two month

SINO.	Sub-Head/Item of work.	Quantity	Rate		Unit.	Amount
			In Figures.	In Words		
1	2	3	4	5	5	6
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 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 249.96 cubic meter useful stones shall be made @300/-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.	1922.79			per cubic metre	
Total:-						

Executive Engineer  
B&R Divy HP, PWD  
Rohru


705 NO 7.

**DRAFT SCHEDULE OF QUANTITY**

**Name of Work:-** C/O Bouli nallah to Dharkuli road k.m. 0/0 to 3/500 (Sh:- Widening and re- grading of 5/7 mtr wide road at R.D. 0/0 to 0/180 and 1/800 to 1/845.)

Estimated Cost 4,97,820/-  
Earnest Money 9760/-  
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 falling 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 including 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 298.87 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.	1797.110			Cum.	
<b>Total</b>						

  
Executive Engineer,  
Rohru Division HP PWD,  
Rohru.

Job No. 8

**SCHEDULE OF QUANTITY**

**Name of Work:- R/R Damages on Umladwar Frog Khalawan Khad road k.m. 0/0 to 12/565 (S.H.- C/O B/wall in wire crate at R.D. 8/360 to 8/390.)**

Name of work						Estimate Cost	2,84,474/-
Wire crate at R.D. of 000						Earnest Money	5700/-
						Time	2 Month.

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

# SCHEDULE OF QUANTITY

Estimated Cost  
Earnest Money  
Time

4,88,831/-  
9780/-  
2 Months

Name of Work:- R/R Damages to RCD road k.m. 21/00 to 21/195 (SH:- C/O RWall in PCC 1:3:6 at R.D. 6/051.40 to 6/061.40)

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.	12.79			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	12.58			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	7.18			Per Cum.	
4 Providing and Laying concrete concrete 1:3:6 (1 cement: 3 sand: 6 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	63.65			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.	32.00			Each.	
6 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.	16.64			Per Cum.	
				Total	


Executive Engineer  
B&R Dwn HP, PWD  
Rohru

Job No 16

SCHEDULE OF QUANTITY

Name of Work:- C/O Link road Karchhari to Thantivir k.m. 0/0 to 0/700 (S.H:- C/O B/Wall at R.D. 0/340 to 0/345,0/410 to 0/455.)

				Estimate Cost	4,61,099/-	
				Earnest Money	9300/-	
				Time	2 Month.	
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.	52.00			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	20.00			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	156.24			Per Cum.	
					Total	

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

705 NB 1)

**SCHEDULE OF QUANTITY**

Estimated Cost	2,03,011/-
Earnest Money	4080/-
Time	2 Months

Name of Work:- R/R Damages on Kansakoti kuttara dalgaon road k.m. 0/0 to 15/00 (SH:-C/O B/Wall in PCC 1:4:8 at R.D. 7/4.15 to 7/4.30.)

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 meter.	
3 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	35.70			Per cubic meter.	
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.	16.00			Each	
				<b>Total</b>	

Executive Engineer  
B&R, Diya HP-PWD  
Rohru

# SCHEDULE OF QUANTITY

765 No 12.

Estimated Cost

3,79,559/-

Earnest Money

7590/-

Time

2 Months

Name of Work:- R/R Damages to Samoli Bhatwari Road k.m. 0/0 to 7/00 (SH:- C/O Solid Cause way at R.D. 6/740 to 6/750)

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.	12.80			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	13.60			Per cubic meter.	
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	12.15			Per cubic meter.	
4 Providing and Laying concrete concrete M-10 (1:3:6 (1 cement: 3 sand: 6 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	41.09			Per cubic meter.	
5 Stone soling properly hand-packed filling interstices with Khairanja stone and consolidating with power road roller to the requested gradient and camber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD specification. 150 mm spread thickness finished work including materials and labour including all leads and lifts, as per HPPWD, specification of 1990 Volume-I, as directed by the Engineer-In-Charge.	8.44			Per cubic meter.	
6 Providing & laying plain reinforcement concrete in sub structure as per drawing & technical specification clause 802, 803, 805, 806, 1202 Pcc 1:2:4 including all leads & lift or as per direction of Engineer in Charge.	8.44			Per cubic meter.	
				Total	

Executive Engineer  
B&R Divn HP.PWD  
Rohru



705 Mb 13

**SCHEDULE OF QUANTITY**

**Name of Work.:- R/R Damages on Link road to Gumma Village k.m. 0/0 to 1/00(SH:- C/O Abutment wall in wire crate at R.D. 0/800 to both side )**

					Estimate Cost	9,48,248/-
					Earnest Money	19,000/-
					Time	2 Month.
Sr. No	Sub-head and item of works.	Quantity.	Rate in figures.	Rate in words.	Unit	Amount.
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	15.45			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 1301or as directed by the Engineer-In-Charge	109.38			Per Cum.	
					Total	

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

**DRAFT SCHEDULE OF QUANTITY**

Name of Work:- C/O link road Tutupani Nalapan k.m. 0/0 to 5/500. (S.H:- F/C 5/7 mtr wide road at R.D. 0/0 to 0/225.)

Estimated Cost 3,26,151/-  
Earnest Money 6600/-  
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 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 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 1/5th (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-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 0.00 cum metre @ Rs. 300/- 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	1953.00			Cum.	
	Total					

Executive Engineer,  
Rohru Division HP PWD,  
Rohru.

## SCHEDULE OF QUANTITY.

Estimated Cost 4,73,738/-  
 Earnest Money 9500/-  
 Time 2 Months

Name of Work:- R/R Damages on Seri Chandigarh road k.m. 0/0 to 6/300 (SH:- C/O R/Wall at R.D. 4/810 to 4/822)

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.	18.48			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	27.12			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	9.48			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	5.64			Per 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 (1 cement: 6 sand) 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.	36.96			Per 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 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	53.86			Per Cum.	
7	Boulder filling behind abutment wing wall and return complete as per drawing and technical specification as directed by the Engineer-In-Charge	11.52			Per Cum.	

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

JB No 16

## SCHEDULE OF QUANTITY

Estimated Cost	4,58,362/-
Earnest Money	9200/-
Time	2 Months

Name of work :- C/O Link road to Gheeta Ghasni k.m. 0/0 to 3/400 (SH:- C/O R/Wall at R.D. 0/581 to 0/590)

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.	20.25			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	26.91			Per cubic meter.	
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	6.75			Per cubic meter.	
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	4.23			Per cubic meter.	
5 Random rubble masonry stone masonry (un-coursed/brought to courses) with hard stone of approved quality in foundation in cement mortar 1:6 (1 cement: 6 sand) 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.	74.88			Per cubic meter.	
6 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.	31.00			Each.	
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.	5.76			Per cubic meter.	
				<b>Total</b>	

Executive Engineer  
B&R. Divd HP, PWD  
Rohru

# SCHEDULE OF QUANTITY

Estimated cost Rs450702/-  
 Earnest Money Rs9100/-  
 TIME : Two month

305/10/17

Name of work -R/R Damages to Badiyara Nandla road km 0/0 to 7/0(SH-C/O R/wall at RD 21240 to 21262)

Sr.No	Description of Items	Quantity	Rate in Figure.	Rate in Words	Unit
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.	20.90			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 lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material. in ordinary rocks up to 3 mtr depth within all leads and lifts as per directions of Engineer in charge	26.62			per cubic metre
3	Providing and laying cement concrete 1:6:12(cement : 6 sand 12graded stone aggregate 40mm nominal size)for plain /concrete in open foundation concrete complete as per drawing and technical clause 802,803,1202 and including all leads and lifts as per HP :PWD specification 1990 volume _I_ within all leads and lifts as per directions of Engineer in charge	9.02			per cubic metre
4	Random masonry /stone masonry uncoursed brought to courses with hard stone of approved quality in foundation and plinth in cement mortar 1:6:(cement :sand)complete as per drawing and technical specification clause 702,704 1202 and 1203 HP/PWD specification 1990 volume-I within all leads and lifts as per direction of Engineer in charge	77.44			per cubic metre
5	Back filling behind abutment wing wall and return wall with granular materials complete as per drawing and technical specification clause 1204.3.8. including carriage of materials as per direction of Engineer in charge	8.80			per cubic metre
	Total:-				Total

Executive Engineer  
 B&R Divn HP.PWD  
 Rohru


25/10/18

**SCHEDULE OF QUANTITY**

Estimate Cost 2,97,000/  
Earnest Money 6000/  
Time 60 Days.

Name of work :- Restoration of rain damages on various road under Rohru Sub-Division Section Summerkot ( SH:-Hiring of Tipper for carriage of muck.)

Sr.N	Sub-Head and Item of works	Quantit	Rate in figures.	Rate in words.	Unit	Amount.
1	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.	45.00			Day	
					Total.	

  
Executive Engineer,  
B&R Division/HPWD,  
Rohru.

SCHEDULE OF QUANTITY

Job No.

Estimated Cost

4,50,697/-

Earnest Money

9100/-

Time

2 Months

Name of work :- R/R Damages to Mehandli Tikkar Pujari road k.m. 0/0 to 28/500 (SH:- C/O R/Wall in PCC at R.D. 1/750 to 1/765)

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.	14.25			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	14.78			Per cubic meter.	
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	8.40			Per cubic meter.	
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	65.40			Per cubic meter.	
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.	26.00			Each.	
6 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.	24.00			Per cubic meter.	
				<b>Total</b>	

Executive Engineer  
B&R, Dign HP, PWD  
Rohru


705 MB20

**SCHEDULE OF QUANTITY**

ESTIMATED COST: RS. 4,95,600/-  
Earnest Money 9900/  
TIME ALLOWED :- 59 days

Name of work :- Restoration of rain damages on various road under Chirgaon Sub-Division Section Badiyara. ( SH:-Hiring of J.C.B for removal of slips at various R.D. and maintenance of roads, 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) with rock breaker 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 burns. Minimum 30 cubic 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.	59.00			day	
	Total:-					

  
Executive Engineer  
Rohru Division, HP PWD  
Rohru.




Job No 21

**SCHEDULE OF QTY**

Estimate Cost 126000.00  
 Earnest Money 2500.00  
 Time 15 Days.

Name of work :- R/R damage on Various road under Rohru sub-division (Small Section) ( Sh:-Hiring of JCB for removal of slip and 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 .50 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 burns 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 .	15.00			Per day	
	Total					

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

# SCHEDULE OF QUANTITY

Job No 22

Estimated Cost	3,57,463/-
Earnest Money	7149/-
Time	2 Months

Name of Work:- C/O Lakadhar Mini Gedham road k.m. 0/0 to 3/00 (SH:-C/O R/Wall at R.D. 0/585 to 0/596.)

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.	16.72			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	19.85			Per cubic meter.	
3 Providing and Laying concrete concrete 1:3:6 (1cement: 3 sand: 6 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	20.90			Per cubic meter.	
4 Providing and Laying concrete concrete 1:4:8 (1cement: 4 sand: 8 graded stone aggregate 40mm 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	1.94			Per cubic meter.	
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, as directed by the Engineer-In-Charge.	22.29			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	29.81			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	8.25			Per cubic meter.	
				<b>Total</b>	

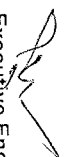
Executive Engineer  
B&R Divn HPPWD  
Rohru

SCHEDULE OF QUANTITY

Estimated Cost	3,67,314/-
Earnest Money	7400/-
Time	2 Months

Name of work :- R/R Damages to Sainji Munchara Road k.m. 0/0 to 6/00. (SH:- C/O R/wall in PCC 1:4 at R.D. 2/685 to 2/702)

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	14.62			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	22.10			Per cubic meter.	
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	7.65			Per cubic meter.	
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	55.76			Per cubic meter.	
5 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.	14.28			Per cubic meter.	
6 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.	16.00			Each.	
				<b>Total</b>	

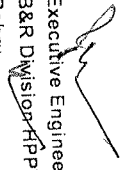
  
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B&R, Divn HP, PWD  
Rohru

**SCHEDULE OF QUANTITY**

Estimate Cost 1,65,000/  
Earnest Money 3300/  
Time 25 Days.

Name of work :- Restoration of rain damages on various road under Chirgaon Sub-Division Section Dhamwari ( SH:-Hiring of Tipper for carriage of muck.)

Sr.N	Sub-Head and Item of works	Quantit	Rate in figures.	Rate in words.	Unit	Amount.
1	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 loads and lifts.	25.00			Day	
					Total.	

  
Executive Engineer,  
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Rohru.


Job No 25

SCHEDULE OF QUANTITY

Estimate Cost 4,98,976/-  
Earnest Money 9980/-  
Time:- 2 Month.

Name of work:- C/O Kui Nardu road k.m. 0/0 to 1/500 (SH:- P/L Kharunja stone soling at R.d. 0/440 to 0/800)

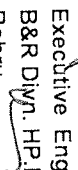
Sr. No	Sub-head and item of works.	Quantity.	Rate in figures.	Rate in words.	Unit	Amount.
1	Preparation of sub grade by dressing to combor (Earth work for the cutting involved for sub-grade to be paid for separately depending upon the classification of soil completed as per HP.PWD specifications and as directed by the Engineer in Charge.	1540.00			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.	1540.00			Per Sqm	
3	Stone soling properly hand-packed filling interstices with Kharanja stone and consolidating with power road roller to the requested gradient and combor including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD specification. 150 mm spread thickness (finished work including materials and labour) including all leads and lifts, as per HPPWD. specification of 1990 Volume-I, as directed by the Engineer-In-Charge.	231			Per Cum	

  
Executive Engineer  
Rohru Division, HP PWD  
Rohru.

## SCHEDULE OF QUANTITY

**Name of Work:- R/R Damages on Shallan Karchari Mandhari k.m. 0/0 to 12/200(S.H:- C/O R/Wall in wire crate at R.D. 11/045 to 11/065.)**

hallan						
		Estimate Cost	2,75,727/-			
		Earnest Money	5514/-			
		Time	2 Month.			
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.	16.40			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	15.63			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	93.80			Per Cum.	
					Total	

  
 Executive Engineer  
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 Rohru.

**SCHEDULE OF QUANTITY**

ESTIMATED COST: Rs. 4,95,600/-

Earnest Money 9900/-

TIME ALLOWED :- 59 days

Name of work :- Restoration of rain damages on various road under Chitgaon Sub-Division Section Badiyara. ( SH:- Hiring of J.C.B for removal of slips at various R.D. and maintenance of roads, 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) with rock breaker 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 burns. 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.	59.00			day	
					Total:-	

Executive Engineer  
Rohru Division, HP PWD  
Rohru.

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## SCHEDULE OF QUANTITY

Job No. 8

Name of Work:- Widening of Lambidhar karali Badhol Khata road k.m. 0/0 to 3/500 (S.H:- Widening of narrow reaches at R.D. 0/135 to 0/435)

Estimated Cost 4,19,137/-  
 Earnest Money 8400/-  
 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 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 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 Engineer-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 564.04 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.	2690.40			Cum.	
Total						

Executive Engineer,  
 Rohru Division HP PWD,  
 Rohru.



705 No. 29

**SCHEDULE OF QUANTITY**

Estimated Cost	4,99,342/-
Earnest Money	9987/-
Time	12 Months

Name of Work:- Improvement of Black spot on TKHR road (SH:-C/O R/Wall & wire fencing at R.D. 80/550 to 80/576.)

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	18.00			Per cubic meter.	
2 Providing and Laying concrete concrete 1:3:6 (1cement: 3 sand: 6 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	40.50			Per cubic meter.	
3 Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint in gratings, framed guard bars, ladders, railing brackets and similar works including all leads and lifts, as per HPPWD, specification or as directed by the Engineer-In-Charge.	1441.72			Per k. g.	
4 Supplying and fixing wovenplains G.I. Chain link fencing of mesh 50mm to 50mm to any type of standard rails, straining bolts, etc. including provision of binding wire, staples etc and G.I. Wire 4mm dia including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge.	64.38			Per Sqm.	
				<b>Total</b>	

  
Executive Engineer  
B&R Divn. HP, PWD  
Rohru

SCHEDULE OF QUANTITY

Estimated Cost	4,93,859/-
Earnest Money	9877/-
Time	2 Months

Name of Work:- AIR & MIO Seven Nos Type -III Quarter at Housing Board Colony at Samala (S.H:- Providing and fixing cup board room & Kitchen of flat No. 31A & 32A)

Sub-head and item of works.	Quantity.	Rate in figures.	Rate in words.	Unit.	Amount.
1 P/F 12 mm thick prelaminated board both side bwp phenol bonded exterior/interior grade shutters with frame of 1st class deodar wood for cup board including nickel plated bright finished piano hinges -25mm thick frame. inclusive of all heads and lifts and other incidentals.	119.52			Per Sqm.	
				Total	

Executive Engineer  
B&R Divn HP-PWD  
Rohru

**SCHEDULE OF QUANTITY**

Estimated Cost	4,93,859/-
Earnest Money	98771=
Time	2 Months

Name of Work:- A/R & M/O Seven Nos Type -III Quarter at Housing Board Colony at Samala (S.H:- Providing and fixing cup board room & Kitchen of flat No. 29A & 30A)

Sub-head and item of works.	Quantity.	Rate in figures.	Rate in words.	Unit.	Amount.
1 P/F 12 mm thick prelaminated board both side bwp phenol bonded exterior/interior grade shutters with frame of 1st class deodar wood for cup board including nickel plated bright finished plano hinges -25mm thick frame. inclusive of all leads and lifts and other incidentals.	119.52			Per Sqm.	
				<b>Total</b>	

Executive Engineer  
B&R Diyn HP, PWD  
Rohru

505 M632

**SCHEDULE OF QUANTITY**

Estimated Cost	2,99,647/-
Earnest Money	9993/-
Time	2 Months

Name of Work:- A/R & M/O Kansakoti Kuttara Dalgaon road k.m. 0/0 to 14/600 (S.H):- C/O Rwall at R.D. 2/056 to 2/067. )


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.	31.68			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	42.24			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	5.94			Per cubic meter.	
4 Providing and Laying concrete concrete 1:4:8 (1cement: 4 sand: 8 graded stone aggregate 40mm 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	5.17			Per cubic meter.	
5 Random rubble masonry(stone masonry(un-coursed/brought to courses)with hard stone diapproved 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.	83.71			Per cubic meter.	
6 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.	16.39			Per cubic meter.	
				<b>Total</b>	

Executive Engineer  
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Rohru

SCHEDULE OF QUANTITY

Estimate Cost	4,66,985/-
Earnest Money	9340/-
Time	2 Month.
Name of Work :- A/R & M/O Type III Quarter at Samala House Board Colony. (S.H. C/O Roofing Work at House No. 6 & 7.)	

Sr.No	Sub-head and item of works	Quantity	Rate in figures.	Rate in Words.	Unit	Amount.
1	Providing and fixing 0.60mm thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 microns over 5 microns primer coating to back coat of polyester of 5 microns over 5 microns primer coating i/c fixing with prepainted iron J or L hooks, bolts and nuts 6mm dia metre with prepainted limpet and rubber washers complete with all accessories as required as per the direction of Engineer-in-charge.	170.8			Sqm.	
2	Providing and fixing 0.60mm thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 microns over 5 microns primer coating i/c fixing with prepainted iron J or L hooks, bolts and nuts 6 mm dia metre with prepainted limpet and rubber washers complete with all accessories as required as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in- Charge.	14			Rmt.	
3	Providing and fixing 20Cm wide 90Cm over all U-Shape gutter with 45mm thick prepainted steel sheet of TATA Duroshine and approved brand in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of back coat of polyester etc as required as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in- Charge	28			Rmt.	
4	Providing and fixing on wall face and laying in trenches etc PVC finolux type "A" rain water pipe including filling the joints with approved adhesive and fixed with PGI sheet clampat required distance complete with No. of collar and clamps etc including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in- Charge. 150mm dia pipe	20			Rmt.	
5	Providing and fixing on wall face PVC finolux accessories for rain water pipe i/c fittings joints with approved adhesive complete as per design i/c carriage of material with in all lead & lift and as per direction of Engineer-in- Charge. PVC plain bend 150mm dia.	16			Each.	
6	Providing and fixing M.S. BP Sheet 2.00 mm thick in eaves board/facial/soffit/ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in-charge (Base members of steel work shall be measured & paid separately) including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges or as directed by the Engineer-in-Charge	62.40			Sqm.	
Total						

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

SCHEDULE OF QUANTITY

Estimated Cost	3,28,116/-
Earnest Money	6500/-
Time	2 Months

Name of work :- C/O Tikkar Tunadhar Kewaldhar Shahid Nathu Ram road k.m. 0/0 to 3/500. (S.H:- C/O B/Wall in PCC 1:3:6 at R.D. 1/270 to 1/285.)

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.	15.00			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	18.90			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	7.25			Per cubic meter.	
4 Providing and Laying concrete concrete 1:3:6 (Cement: 3 sand: 6 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	47.70			Per cubic meter.	
				Total	


Executive Engineer  
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Rohru

## SCHEDULE OF QUANTITY

Estimated Cost	4,66,313/=
Earnest Money	9300/=
Time	2 Months

Name of work :- R/R Damages on Umladwar frog road k.m. 0/0 to 12/570 (SH:- C/O R/Wall at R.D. 3/420 to 3/428).

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.	7.20			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	21.60			Per cubic meter.	
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	4.32			Per cubic meter.	
4 Providing and Laying concrete concrete 1:3:6 (1 cement: 3 sand: 6 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	69.00			Per cubic meter.	
5 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.	23.04			Per cubic meter.	
				<b>Total</b>	

  
Executive Engineer  
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Rohru

SCHEDULE OF QUANTITY

Estimated Cost	4,50,696/-
Earnest Money	9000/-
Time	2 Months

Name of work :- R/R Dameges to Mehandli Tikkar Pujari road k.m. 0/0 to 28/500 (SH:- C/O R/Wall in PCC at R.D. 1/770 to 1/785)

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.	14.25			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	14.78			Per cubic meter.	
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	8.40			Per cubic meter.	
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	65.40			Per cubic meter.	
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 slop of 1(V):20(H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204, 3, 7.	26.00			Each.	
6 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.	24.00			Per cubic meter.	
				<b>Total</b>	

Executive Engineer  
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Rohru




705 N037

**Schedule of quantity**

E/C:- 487200/-  
E/M:- 10000/-  
Time:- 60 Days

NAME OF WORK:- R/R damages to various roads under Chirgaon sub-divn. ( In Badiyara section)  
(S.H:- Removal of slips by JCB at various RDs and spreading of earth/sand on slippery road surface )

S.No.	Description of item	Qty.	Rate	Rate in words	Unit	Amount
1	Hiring of JCB ( Excavator-Cum-Loader)having 0.5 cum bucket capacity including P.O.L. Charges, shifting charges and other ancillary equipments 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 un-serviceable material 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	58.00			Days	
TOTAL						

  
Executive Engineer  
B&R H.P.P.W.D Division  
Rohru

## SCHEDULE OF QUANTITY

Estimate Cost 4,61,620/-  
 Earnest Money 9300/-  
 Time:- 2 Month.

Name of work:- C/O Link road Tipper to Shallan Kit Randeep Nagar Biharu Dodra Pul k.m. 0/0 to 3/400 (SH:- P/L Kharunia stone  
 soling at R.d. 0/00 to 0/250)

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 combor (Earth work for the cutting involved for sub-grade to be paid for separately depending upon the classification of soil completed as per HP.PWD specifications and as directed by the Engineer in Charge.	921.25			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.	921.25			Per Sqm	
3	Stone soling properly hand-packed filling interstices with Kharanja stone and consolidating with power road roller to the requested gradient and combor including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD specification. 150 mm spread thickness (finished work including materials and labour) including all leads and lifts, as per HPPWD, specification of 1990 Volume-I, as directed by the Engineer-In-Charge.	211.89			Per Cum	

Executive Engineer  
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 Rohru.

Job No 39

DRAFT SCHEDULE OF QUANTITY Job No.

Estimated Cost	4,57,593/-
Earnest Money	9200/-
Time	2 Months

Name of work :- Link road to Samtra Dhanoti Khalawan road k.m. 0/0 to 3/400 (SH:- C/O 900 mm Dia HPC at R.D. 1/900)

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.	20.96			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	57.89			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	6.85			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	5.04			Per cubic meter.	
6 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.	28.08			Per cubic meter.	
7 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	30.24			Per cubic meter.	
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.	11.76			Per cubic meter.	
9 Providing and laying reinforced concrete 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 work, back filling, concrete and masonry work in head walls and parapets clause 1108. 900mm Dia including all leads and lifts, as per HPPWD, specification of 1990 volume-I as directed by the Engineer-In-Charge	7.50			Per Rmt.	
10 Providing and laying flooring laid over cement concrete bedding complete as per drawing and technical specification clause 1303 Rubble stone laid in cement mortar 1:3 (1 cement: 3 sand.) including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge	0.49			Per cubic meter.	
				<b>Total</b>	

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Rohru

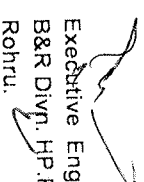
Job No 46

**SCHEDULE OF QUANTITY**

Estimate Cost 4,70,022/-  
Earnest Money 9400/-  
Time 2 Month.

**Name of Work:- C/O Link road to HB Hanstari Dhar k.m. 0/0 to 1/500 (SH:- C/O R/Wall in wire crate at R.D. 0/560 to 0/580)**

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.	48.80			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	35.00			Per Cum	
3	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS 282 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	156.25			Per Cum.	
	<b>Total</b>					

  
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Rohru.


708 146 41

## Schedule of quantity

E/C:- 498800/-  
E/M:- 10000/-  
Time:- 2 months

NAME OF WORK:- R/R damages to various roads under Chirgaon sub-divn. ( in seema section)  
(S.H:- Hiring of JCB and Tipper for removal of slips, dressing of road surface and carriage of muck )

S.No.	Description of item	Qty.	Rate	Rate in words	Unit	Amount
1	Hiring of JCB ( Excavator-Cum-Loader)having 0.5 cum bucket capacity including P.O.L. Charges, shifting charges and other ancillary equipments 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 unserviceable material 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 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 leads and lifts	45.00			Days	
2	Hiring of Tipper for carriage of material having capacity of 400 cubic feet including P.O.L. Charges 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			Days	
TOTAL						

  
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B&R H.P.W.D Division  
Rohru

# SCHEDULE OF QUANTITY

Job No 42

Name of work :- (i) C/O road from Devdhar to Jakhuni, Panu, Bhamwari, Holchha to Kutra k.m. 0/0 to 13/110 (ii) C/O road Goansari, Maktot, Atgaon to Garisaran, Simmorghati, G.P. Goansari k.m. 0/0 to 6/265 (SH:- Preparation of DPR & CBR test).

		Estimated Cost		4,75,937/-	
		Earnest Money		9500/-	
		Time		2 Months	
Sub-head and item of works.	Quantity.	Rate in figures.	Rate in words.	Unit	Amount.
1 Preparation of Detailed project report which include following provision as mentioned below : A) Topography survey by Digital total station with two second accuracy . showing all features on survey plan like trees, culvert, bridge, electric pole, telephone poles, hand pumps, school, habitant villages. B) Draw cross section at 15 m (fifteen meter) interval, L-section & calculate the quantity of earth work in standard format of autocad showing all layer of pavement components as applicable. C) Preparation of survey plan showing all provision and preparation of detailed project report as per MORD guidelines.	19.38			Per kms	
2 CBR test including grain size analysis , atterbergs limit , proctor compaction and CBR value	20.00			Per sample.	
				Total	

Executive Engineer  
B&R Dign HP, PWD  
Rohru


705 ND 43

**SCHEDULE OF QUANTITY**

Estimated Cost	3,04,437/-
Earnest Money	6000/-
Time	1 Months

Name of work :- (i) C/O road from Jashlaghat Tikkar Via Gujandli k.m. 0/0 to 7/545 (ii) C/O road from Sua Deoari Shekhal via Bashlog Tikkari k.m. 0/0 to 4/830 (SH:- Preparation of DPR & CBR test).

Sub-head and item of works.	Quantity.	Rate in figures.	Rate in words.	Unit.	Amount.
1 Preparation of Detailed project report which include following provision as mentioned below : A) Topography survey by Digital total station with two second accuracy , showing all features on survey plan like trees, culvert, bridge, electric pole, telephone poles, hand pumps, school, habitant villages. B) Draw cross section at 15 m (fifteen meter) interval, L-section & calculate the quantity of earth work in standard format of autocad showing all layer of pavement components as applicable. C) Preparation of survey plan showing all provision and preparation of detailed project report as per MORD guidelines.	12.38			Per kms	
2 CBR test including grain size analysis , atterbergs limit , proctor compaction and CBR value	13.00			Per sample.	
				<b>Total</b>	

  
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Rohru

Job No 44

**SCHEDULE OF QUANTITY**

Estimated cost Rs184762/-  
EARNEST MONEY Rs3695/-  
TIME : Two month

**Name of work :-R/R damages on Mehandli Tikkar road km 0/0 to 28/540(SH-C/O B/wall at Rd 27/610 to 27/630)**

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 as per directions of Engineer in charge	36.00			per cubic metre	
2	Earth work in excavation for all type of road structure such as retaining walls,breast walls,culverts,dains 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 within all leads and lifts as per directions of Engineer in charge	15.00			per cubic metre	
3	Providing and laying of boulder apron laid in wire crastles with 4mm dia G.I wire conforming to I.S 4826 m 100mm mesh (wooevenk diagonally)including 10 percent extra for laps and joints with stone boulders weighing not less than 25kg each as per drawing and technical clause 301 within all lead and lifts as per directions of Engineer in charge	62.50			per cubic metre	
Total:-					TOTAL	

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