

Himachal Pradesh
Public Works Department
PW-RD-GA-Tender-2022-23-
To

4/10

dated:- 01-06-2022


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 16th July 2021.

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

DA:- Notice inviting tender & sechedule of quantity.


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

**Himachal Pradesh
Public Works Department**

"NOTICE INVITING TENDERS"

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

1. Date of receipt of applications for tender forms:- 17-06-2022 upto 1:00PM
2. Date of issue/sale of tender forms:- 17-06-2022 upto 2:00PM to 3:00PM
3. Date of receipt of tender:- 18-06-2022 upto 10:30AM
4. Date of opening of tender:- 18-06-2022 upto 11:00AM

Sr.No.	Name of Work.	Estt. Cost.	E/Money	Time.
1	R/R Damages to various road in Samoli Section S/D Rohru (SH:- hiring of JCB for dressing of road surface drain maintenance of road and removal of slips)	Rs.378000/-	Rs.7600/-	45days
2	R/R Damages to various road in Rohru Section S/D Rohru (SH:- hiring of JCB removal of slips maintenance of road etc)	Rs.264000/-	Rs.5300/-	30days
3	R/R Damages to various road in Rohru Section S/D Rohru (1) (SH:- hiring of JCB removal of slips maintenance of road etc)	Rs.264000/-	Rs.5300/-	30days
4	R/R Damages to various road in Rohru Section S/D Rohru (2) (SH:- hiring of JCB removal of slips maintenance of road etc)	Rs.264000/-	Rs.5300/-	30days
5	R/R Damages to various road in Kansakoti Section S/D Rohru (SH:- hiring of Tipper Carriage of muck, gravel material etc)	Rs.125400/-	Rs.2600/-	60days
6	C/O Banoti Lalpani Matla road km 0/0 to 8/0 (SH:- C/O 900mm dia HPC at RD 5/195)	Rs.394207/-	Rs.8000/-	2 month
7	C/O link road to Baghi km 0/0 to 3/0 (SH:- widening of narrow reaches 5/7 mtr km 0/030 to 0/165)	Rs.499945/-	Rs.10000/-	2 month
8	A/R & M/O HPPWD Rest House Sungri (SH:- widening of road Rest House Ground L-30 H-7 mtr or 1.20mtr)	Rs.300427/-	Rs.6050/-	2 month
9	C/O Jabbal Pather Nallah Shagen Teer km 0/0 to 3/0 (SH:- F/C 5/7 mtr wide road km 1/625 to 1/715)	Rs.418853/-	Rs. 10000/-	2Month
10	S/R Mechanical work shope at Rohru (SH:- Repair and maintence painting Distempring white washing etc)	Rs.237804/-	Rs.4800/-	2Month
11	C/O Link road from tandali to Patsari km 0/0 to 2/500 (SH:-F/C 5/7mtr wide road at RD 1/915 to 1/975)	Rs.498155/-	Rs. 10000/-	2Month
12	C/O Rain Shelter at Tandali road (SH:- C/O Rain Shelter)	Rs.491641/-	Rs. 10000/-	2Month
13	C/O Link road Todsa to HB Limbra km 0/0 to 2/0 (SH:- C/O F/C 5/7 mtr wide road at RD 1/150 to 1/405)	Rs.499394/-	Rs.10000/-	2Month
14	C/O Dhara Barara Jhaltu road km 0/0 to 3/0 (SH:- wing wall D/S side of Abutment Barara side L-7mtr H-6.10M)	Rs.392406/-	Rs.7600/-	2Month
15	C/O link road to Dudi Chichwari km 0/0 to 1/0 (SH:- C/O PCC R/wall in 1:3:6 at RD 0/660 to 0/671.50)	Rs.433946/-	Rs.8700/-	2Month
16	C/O Jarla Kayara Bhanwa road km 0/0 to 2/500 (SH:-C/o un-lined surface drain, cutting of branches of trees and shrubs maintance of earth shoulder and cleaing and grubbing and land including uprooting with vegetation grass etc km 0/0 to 2/500)	Rs.441748/-	Rs.9000/-	1Month
17	C/O Link road to H.B. Bajnudhar to Kewaldhar via Mohan Lal Parisar km 0/0 to 3/350 (SH:- C/O 900mm dia HPC at RD 0/400)	Rs.408431/-	Rs.8200/-	2Month
18	C/O Link road to village Dhanoti km 0/0 to 4/500 (SH:-C/O R/wall at RD 1/800 to 1/816.50)	Rs.486349/-	Rs.9800/-	2Month
19	R/R damages to Badshal Nallah Ramteri Kharla road km 0/0 to 6/500 (SH:- C/O R/wall at RD 1/940 to 1/955)	Rs.487886/-	Rs.9800/-	2Month
20	R/R damages on Parsa Chiuni Lowerkoti Chhupari road km 0/0 to 10/300 (SH:- C/O R/wall at RD 9/420 to 9/435)	Rs.433905/-	Rs.8700/-	2Month
21	R/R damages on Umladwar Frog road km 0/0 to 12/570 (SH:-C/O R/wall in wire crate at RD 11/515 to 11/540)	Rs.240639/-	Rs.4900/-	2Month
22	R/R damages to RCD road km 0/0 to 2/165 (SH:-C/O U-shape Drain 0/435 to 0/640)	Rs.434369/-	Rs.9000/-	2Month
23	A/R & M/O Summerkot Tikkari Shalwat road km 0/0 to 3/500 (SH:- Protection of slab Culvert at RD 0/780 to 0/860)	Rs.403148/-	Rs.8200/-	2Month
24	C/O Harijan Basti road to Nawga Plother road km 0/0 to 4/500 (SH:- widening improvement and down rulling gradient from RD 0/675 to 0/975)	Rs.496533/-	Rs.10000/-	2Month

25	R/R damages to Dumadhar Mastot Nesar road km 0/0 to 8/0 under samoli section (SH:- hiring of Tipper Carriage of muck, gravel material etc)	Rs.297000/-	Rs. 6000/-	45days
26	R/R Damages Sheelghat Brall road km 0/0 to 7/0 (SHC/O drainages works 900mm HPC at RD 5/640 to both side wing wall)	Rs.456049/-	Rs.9200/-	2Month
27	R/R Damages to Narkanda Baggi Khadralla Sungri road km 0/0 to 67/0 (SH:- C/O R/wall at RD 27/210 to 27/229)	Rs.385898/-	Rs.7800/-	2Month
28	R/R Damages on Tutu Pani Kuthari Khalgar Ghasni road km 0/0 to 19/680 (SH:- C/O R/wall at RD 12/0 to 12/020, 12/810 to 12/815)	Rs.474483/-	Rs.9500/-	2Month
29	R/R Gawas Sheelapani road km 0/0 to 1/500 (SH:- C/O unlined surface drain and clearing & grubbing road land including uprooting wild vegetation grass brushes shrubs km 0/0 to 1/500 and removal of slips)	Rs.439110/-	Rs.8700/-	2Month
30	C/O Baggi Khabal road km 0/0 to 10/0 (SH:- C/O R/wall in PCC 1:4:8 at RD 9/225 to 9/240)	Rs.441531/-	Rs.9000/-	2Month
31	Improvement of Black Sopt on Badiyara Jangla Saribasa road km 0/0 to 11/0 (SH:-C/O R/wall between 2/484 to 2/484.90)	Rs.495859/-	Rs.10000/-	2Month
32	Improvement of Black Sopt on Badiyara Jangla Saribasa road km 0/0 to 11/0 (SH:-C/O R/wall between 2/462.20 to 2/473.10)	Rs.496085/-	Rs.10000/-	2Month
33	R/R damages Seema Rantari road km 0/0 to 12/0 (SH:- C/O R/wall in PCC 1:4:8 at RD 11/500 to 11/528)	Rs.467415/-	Rs.9300/-	2Month
34	R/R Damages on Kansakoti Kuttara Dalgaon road km 0/0 to 15/500 (SH:- C/O R/wall in PCC 1:3:6 at RD 4/680 to 4/695)	Rs.359007/-	Rs.7200/-	2Month
35	A/R & M/O TKHR road km 0/0 to 80/600 (SH:- C/O drain and greating work at RD 76/900 to 76/945)	Rs.137538/-	Rs.2800/-	2Month
36	R/R Damages to Bhaloon Kanchi Kui road km 0/0 to 14/0 (SH:- C/O R/wall in PCC 1:4:8 at RD 2/870 to 2/885)	Rs.441544/-	Rs.8900/-	2Month
37	R/R Damages on Sharog Kanchi Kanda road km 0/0 to 5/0 (SH:- C/O B/wall at RD 0/570 to 0/592)	Rs.388336/-	Rs.7800/-	2Month
38	Improvement of Black Sopt on Badiyara Jangla Saribasa road km 0/0 to 11/0 (SH:-C/O R/wall between 2/418.60 to 2/429.50)	Rs.495327/-	Rs.10000/-	2Month
39	Improvement of Black Sopt on Badiyara Jangla Saribasa road km 0/0 to 11/0 (SH:-C/O R/wall between 2/440.40 to 2/451.30)	Rs.495074/-	Rs.10000/-	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 quoted the rates of all the items in the tenders both in figures and words.
3. Income tax & GST No latest clearance certificate.
4. The contrs / firm shall accompany his enlistment/renewal & EPF submit before the award of tender.
5. The contractors should apply for two works only at a time for tenders.
6. The Executive Engineer reserves the right to accept/rejected any tender/application or all tenders without assigning any reason.

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

Dated:- 01-06-2022

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

Copy forwarded for information and wide publicity to:-

1. The Chief-Engineer(S), HPPWD, Shimla-2.
3. The S E 14th Circle HPPWD, Rohru
4. All the E.E.'s under 14th Circle, HPPWD, Rohru
5. All the A.E.'s working under this Division (B&R).
6. The Sub Divisional Magistrate, Rohru.
7. The B.D.O. Rohru and Chirgaon.
8. The Tehsildhar, Rohru/Chirgaon and Tikkar.
9. The Chairman, N.A.C. Rohru.
10. A/B. and D/B. in this Office.
11. Notice-Board.

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

SCHEDULE OF QUANTITY

Estimate Cost 378000/-
Earnest Money 8000/-

Time

Name of work : R/R damages to various road under Samoli section sub Divn Rohru(SH-Hiring of JCB for dressing of road surface ,drain maintance of road and removal of slips

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) including P.O.L charges, shifting charges and other ancillary equipments as required at site of work for removal of slips in all heights in all kinds of soil such as kankar, moorum shingle boulders decomposed or soft variety of soil such as spade work, pick work, Jumper work, soft rock, hard rock including their intermediate classification of soil including mechanical transportation of necessary. The disposal of this un-serviceable material has to be done in the acquired width of the road to avoid damage to the properties of the people or in case any damage took place, the contractor is liable for it. All salvaged material such as quarried stone shall belong to the department and maximum useful quantity of stones from removal of slips shall have to be neatly stacked along road side on road burns. Minimum 18.00cubic meter of earth work shall be done by machine in one hour, other wise number of hour shall be reduced accordingly. The work shall have to be carried out as per Ministry of Transport as per instructions of the Engineer-In-Charge including all leads and lifts.	45.00			per day	
	Total					

Executive Engineer
Rohru Division,HP PWD
Rohru.

SCHUELDE OF QUANTITY

Estimate Cost 264000/-
Earnest Money 9600/-
Time one month

Name of work:- R/R damages on various road under Rohru sub Divn(Rohru section)Hiring of JCB removal slips , mantace of road etc)

Sr.No.	Sub-Head and Item of works	Quantity.	Rate in figures.	Rate in words.	Unit	Amount.
1	Hiring of JCB (Excavato cum loader)having bucket capacity 50m cum incuding shifting charges and other ancillary by Engineer in charge in 18.00 m ducted accordingly JCB be delployed by dressing of berms shoulder clearance of drain culverts removal of excess soil from road surace filling pot holes with suitabel materials fromm borrow pits and removal of slips wherere ever on the road surface within all leads and lifts as per directions of Engineer in charge	30.00			per day	
Total						

Executive Engineer
B&R Divn HP.PWD
Rohru


SCHEDULE OF QUANTITY

Estimate Cost 264000.00
Earnest Money 5300.00
Time One Month

Name of work :- R/R damages on Various Road under (Rohru section) Sub Division Rohru

(SH:-Hiring of JCB for removal of slips, maintenance of road etc)

Sr.No.	Sub-Head and Item of works	Quantity.	Rate in figures.	Rate in words.	Unit	Amount.
1	Hiring of J.C.B(Excavator-Cum-Loader) having bucket capacity 50 cum including P.O.L charges, shifting charges and other ancillary equipments, 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 detected accordingly. J.C.B shall be deployed for dressing of burms shoulders, clearance of drain, culvert, removal of excess soil from road surface filling up of pot holes with suitable materials from borrow pits and removal of slips where ever on the road surface with in all leads and lifts as directed by Engineer In charge.	30 Days			Per day	


Executive Engineer,
B&R Division HPPWD,
Rohru.


SCHEDULE OF QUANTITY

Estimate Cost 264000.00
 Earnest Money 5300.00
 Time One Month

Name of work :- R/R damages on Various Road under (Rohru section) Sub Division Rohru (2)

(SH:-Hiring of JCB for removal of slips, maintenance of road etc)

Sr.No.	Sub-Head and Item of works	Quantity.	Rate in figures.	Rate in words.	Unit	Amount.
1	Hiring of J.C.B(Excavator-Cum-Loader) having bucket capacity .50 cum including P.O.L charges, shifting charges and other ancillary equipments ,with in all leads and lifts as directed By Engineer Incharge Min. 18.00 Cum of earth shall be done by Machine in one Hours , shall be deducted accordingly. J.C.B shall be deployed for dressing of burms shoulders , clearance of drain , culvert, removal of excess soil from road surface filling up of pot holes with suitable materials from borrow pits and removal of slips where ever on the road surface with in all leads and lifts as directed by Engineer in charge .	30 Days			Per day	


 Executive Engineer,
 B&R Division HPPWD,
 Rohru.

SCHEDULE OF QUANTITY

Estimate Cost 125400.00
Earnest Money 2508.00
Time 2 Months

Name of work :- R/R Damages to Various Roads Under Kansakoti Section sub-Divi Rohru. (S.H:- Hiring of Tipper for carriage of muck ,gravel material etc.)

Sr.No.	Sub-Head and Item of works	Quantity.	Rate in figures.	Rate in words.	Unit	Amount.
1	Hiring of Tipper for carriage of materials having capacity 300Cft 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.	22.00			Per Day	
	Total:-					


Executive Engineer,
B&R Division HPPWD,
Rohru.

SCHEDULE OF QUANTITY

Estimated Cost 3,94,207/-
Earnest Money 7900/-
Time 2 Months

Name of Work:- C/O Baroti, Lalpanti Mathla road k.m. 0/0 to 8/00 (S.H. C/O 900mm dia HPC at R.D. 5/195)

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	17.64			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	50.87			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	8.13			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	5.82			Per cubic meter	
5 Stone masonry in cement mortar for sub-structure complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 including all leads and lifts, or as per HPPWD, Specification of 1990 Volume-I, as directed by the Engineer-in-Charge, in C.M. 1:4	11.84			Per cubic meter	
6 Stone masonry in cement mortar for sub-structure complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 including all leads and lifts, or as per HPPWD, Specification of 1990 Volume-I, as directed by the Engineer-in-Charge, in C.M. 1:6	18.22			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	28.94			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	11.30			Per cubic meter	
9 Providing and laying reinforced 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, i/c all leads and lift or as per direction of Engineer in charge.	0.49			Per cubic meter	
Total					

Executive Engineer
B&R, Dym. H.P.PWD
Rohru

SCHEDULE QUANTITY .

Name of work-CO Link road to Baghi km 0/0 to 3/0(SH- windeing of narrow reaches km 5/7 metre km 0/030to 0/165)

Estimated cost:- 499945/-

Earnest Money:- 9998/-

Time :- two month

sr No.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Excavation in earth work in hilly area in all heights and depths in all kinds of soil including saturated soil comprising of mixed soil, ordinary and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, Water pollution, etc and to protect soil stability of hill side rock shall be excavated with chiseling and wedging our rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to ine, grades, slops, width, camber, super elevation and level as shown on the drawing as per direction of Engineer in Charge in conformity with the 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 264.23 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.	2032.37			per cubic metre	
Total:-						

Executive Engineer
B&R Divn HP, PWD
Rohru

SCHEDULE OF QUANTITY

Estimated cost Rs300427/-
Earnest money Rs-6000/-
Time :- Two month

Name of work-A/R & M/O HP.PWD Rest House Surgri (SH-Windeing of road Rest House Ground L-30 H-7 mtr or 1.20mtr

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, slops, 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 recover 576.74 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.	1260.93			per cubic metre	
Total:-						

Executive Engineer
B&R Divn HP.PWD
Rohru

SCHEDULE QUANTITY.

Name of work:-C/O Jabbal Pather Nallah Shagen Teer km 0/0 to 3/0(SH-F/C 5/7 metre wide road km 1/625 to 1/715)

Estimated cost:- Rs 418853/-
Earnest Money:- 9866/-
Time :- Two month

Sl. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Excavation in earth work in hilly area in all heights and depths in all kinds of soil including saturated soil comprising of mixed soil, ordinary and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, Water pollution, etc and to protect soil stability of hill side rock shall be excavated with chiseling and wedging our rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to line, grades, slopes, width, camber, super elevation and level as shown on the drawing as per direction of Engineer in Charge in conformity with the requirement of technical specification for rural roads august 2004 clause 16.2 of general conditions of contract to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and stage, disposal of unsuitable cut material in specified manner, trimming/filling of unevenness, blinding 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 @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 serviceable material will be stacked out specified /dimension in all leads and lifts as per the direction of Engineer in Charge.	2049.90			per cubic metre	
Total:-						

Executive Engineer
B&R Divn HP, PWD
Rohru

SCHEDULE OF QUANTITY

ESTIMATED COST: R237804/
EARNEST MONEY Rs4746/--
TIME : Two month

Name of work:-S/R Menchical work shope at Rohru(SH- Repair and maintace painting Distempering white wahing etc.						
Sr No	Description of Items	Quantity	Rate in Figure.	Rate in Words	Unit	Amount
1	Applying white washing cement bases wall care putty plaster surface other thrughly brushing the surface free from mortar drops and dust loose materials and other forgin matter sand paraped smooth to give fina matter to surface smooth to give fine matter to the surface within all leads and lifts as per direction of Engineer in charge	885.56			per square metre	
2	Distempering (two coat)oil bound wahsable distemper of approved brand and manufacture and required shade undecorated wall surface required on undecorated wall surface give even shade over and including priming coat approved brand and manufacture after thrughly brushing the surface the free from motor dropping and other forgien matter and also included preparing the surface even and sand and parpearing smooth priming coat with distempering primer upto all height upto floor level within all leads and leads as per direction of Engineer in charge	558.56			per square metre	
3	Painting two coat (excloding priming coat)on new wood and wood based surface with enamel paint to give an even shade including cleaning the surace dirt dust and other foreign matter sand paraped and stopping upto all heights and all floor level complete with scaffolding works including carriage materials within all leads and lifts with annel	119.08			per square metre	
4	Painting two coat (excloding priming coat)on new steel and other metal surface enamel paint brushing to given an even shade including heights in all level complete with scaffolding works ncluding carraige of material within all leads and lifts as per directions of Engineer in charge	337.75			per square metre	
5	White wahing on including wall within all leads and lifts as per direction of Engineer in charge	184.73			per square metre	
6	Finising wall weather proof exterior grade emulsion of approved design (apex ultima) or its equivalent of undecorated wall surace two coats to give an even shade and final finish after thrughly cleaning the surface to removal all dirt dust and other forgin matter etc including upto all height in floor complete wthin all leads and lifts as per direction of Engineer in charge	280.60			per square metre	
7	15mm cement plaster in single coat fasir side of brick/concrete/stone walls for interior /exteior plastering upto floor level including araises interl rounded angles not exceeding 30cm girth and finished even and smooth in cement mortar 1:6:(cement :sand) upto all height all floor level complete scaffolding works within all leas and lifts as per directions of Engineer in charge	96.40			per square metre	
8	6mm thick plaster to ceiling in cement mortar 1:3:(cement :sand) upto all height in floor level complete scaffolding works etc within all leads and lifts as per directions of Engineer in charge	66.66			per square metre	
Total:-					Total	

Executive Engineer
B& R Divn HP,PWQ
Rohru

SCHEDULE QUANTITY.

Name of work: C/o link road from Tandali to Patsari 0/0 to 2/500(SH- F/C 5/7 metre wide road at RD 1/915 to 1/975

Estimated cost:- 498155/-
Earnest Money:- 9963/-
Time :- two month

sr No.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Excavation in earth work in hilly area in all heights and depths in all kinds of soil including saturated soil comprising of mixed soil, ordinary and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, Water pollution, etc and to protect soil stability of hill side rock shall be excavated with chiseling and wedging our rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to ine, grades, slopes, width, camber, super elevation and level as shown on the drawing as per direction of Engineer in Charge in conformity with the requirement of technical specification for rural roads august 2004 clause 16.2 of general conditions of contract to achieve designed formation width including hauling and stacking of material in specified manner, trimming/filling of unevenness, blindage and finishing of material in specified diamensions or as directed by Engineer in charge for smooth riding. The recovery of useful stones shall be made @170/-per cubic meter on prorata basis in each running bill. Any loss to the public and private property during the course of excavation shall be resorted by the contractor what so ever the nature of the same may be. The servicable material will be stacked out specified /dimension in all leads and lifts as per the direction of Engineer in Charge.	1792.67	4	5	per cubic metre	6
Total:-						

Executive Engineer
B&R Divn HP.PWD
Rohru

SCHEDULE OF QUANTITY


Estimated cost Rs491641/-
EARNEST MONEY Rs 9840/-
TIME : Two month

Name of work: C/O Rain Shalter at Tandali road (SH- C/O Rain shalter .

Sr No	Description of Items	Quantity	Rate in Figure.	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 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	0.43	430.5		per cubic metre	
2	Providing concrete for plain/reinforced concrete in open foundation/R/B-walls complete as per drawing and technical specification clause 802.803.1202 & 1203 grade M-10 (1:3:6 nominal mix) , 1 cement :3 Sand :6 graded stone aggregate within all leads and lifts as per directions of Engineer in charge	3.88	6458.72		per cubic metre	
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 including carriage of materials within all leads and lifts :-In gratings, framed, guards, bars ladders and railing, brackets and similar works :-	879.65	129.00		per kg	
4	Providing and fixing 0.63mm thick prepainted steel sheet Tata, Durashine of approved brand and shade and design 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 5microns over 5microns primer coating including fixing with G.I. self drilling screws of required sizes / prepainted iron J or L hooks, bolts and nuts 6mm dia metre with prepainted limpet and rubber washers complete upto floor all level with all accessories as required as per the direction of Engineer-in-charge:-0.60mm (zero point sixty millimetre) thick sheet including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	43.68	1486.50		per square metre	
5	Providing and fixing ridges or hips 60 cm overall prepainted steel sheets Tata, Durashine of approved brand, shade and design in roofing with hot dipped metallic zinc coated sheets with top coat of regular modified polyester organic coating of 20microns over 5 microns primer coating + back coat of polyester of 5 microns over 5 microns primer coating including fixing with G.I. self drilling screws of required sizes / prepainted iron J or L hooks, bolts and nuts 6mm dia and prepainted G.I. limpet and bitumen washers complete upto floor all level with all accessories as required as per the direction of Engineer in Charges:-0.60mm (zero point sixty millimetre) thick sheet including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	11.80	1146.6		per running metre	
6	Providing and fixing plain lining with tongued and grooved jointing and screws (frame work and cover fillets to be measured and paid for separately within all leads and lifts as per directions of Engineer	35.70	1819.85		per square metre	
7	Providing wood work truss trussed purlins rafter post plate wall plate thelike wrought frame hoisted and fixing in position within all leads and lifts and directions of Engineer in charge	1.02	149487.67		per cubic metre	

2007-2


8	Stone soiling properly hand-packed filling interstices with spalls and consolidating with power road roller to the requested gradient and comber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HPPWD specification 230mm spread thickness(finished work including materials and labour)within all leads and lifts as per directions of Engineer in charge m	5.1.7	2270.87		per cubic metre	
9	Providing and fixing 10mm thick and skilied water proof stain and impact resistent heay duty verified tile 600x600mm 10m manufacture approved shade and colour in flooring treads of steps and landing laid over 12mm thick cem ent 1:3 jointed with cement slurry mixed within all leads and lifts as per directions of Engineer in charge	35.7	1268.1		per square metre	


 Executive Engineer
 B&R Divn HP,PWD
 Rohru

SCHEDULE QUANTITY.

Estimated cost:- 499394/-
 Earnest Money:- 9987.00
 Time :- three month
 Name of work: C/O link road Todsa to H.B Limbra km m0/0 to 2/0(SH-C/o F/C 5/7 metre wide road at Rd 1/150 to 1/405)

sr No.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Excavation in earth work in hilly area in all heights and depths in all kinds of soil including saturated soil comprising of mixed soil, ordinary and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side. Water pollution, etc and to protect soil stability of hill side rock shall be excavated with chiseling and wedging our rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to line, grades, slopes, width, camber, super elevation and level as shown on the drawing as per direction of Engineer in Charge in conformity with the requirement of technical specification for rural roads august 2004 clause 16.2 of general conditions of contract to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and stage, disposal of unsuitable cut material in specified manner, trimming/filling of unevenness blindage and finishing of the road to specified dimensions or as directed by Engineer in charge for smooth riding. The recovery of useful stones shall be made from the contractor and recovery 237.52 cubic meter useful stones shall be made @170/-per cubic meter on prorata basis in each running bill. Any loss to the public and private property during the course of excavation shall be resorted by the contractor what so ever the nature of the same may be. The serviceable material will be stacked out specified /dimension in all leads and lifts as per the direction of Engineer in Charge.	2258.65	4	5	per cubic metre	6
Total:-						


 Executive Engineer
 B&R Divn HP.PWD
 Rohnu

SCHEDULE OF QUANTITY

Estimated cost Rs 392406/-
EARNEST MONEY Rs7800/-
TIME : Two month

Name of work: - C/O Dhara Barara Jhatlu road km 0/0 to 3/0(SH-wing wall D/S side of Abutment Barara side L-7.00 mtr H-6.10M)

Sr No	Description of Items	Quantity	Rate in Figure.	Rate in Words	unit	Amount
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	18.34			per cubic metre	7
2	Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open sand : twelve graded crushed stone aggregate) 40 mm (forty millimetre) nominal size oal specification clauses 802.803, 1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation with in all leads and lifts and other incidentals.	6.72			per cubic metre	
3	Random rubble stone masonry work in cement mortar 1:6 (one cement : six sand) for substructure complete as per drawing and MORD Technical Specifications Clauses 702, 704, 1202 and 1204 and as per the direction of the Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts and other incidentals.	77.50			per cubic metre	
Total:-						

Executive Engineer
B&R Divn HP, PWD
Rohru

SCHEDULE OF QUANTITY

Estimated cost Rs433946/-
EARNEST MONEY Rs 8680/-
TIME : Two month

Name of work:- C/O Link road to Dudi Chingchwari km 0/0 to 1/0(SH-C/O PCC Rwall in 1:3:6 at Rs 0/660 to 0/671.50)

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.	18.40			per cubic metre	
2	Earth work in excavation for all type of road structure such as retaining walls, breast walls, culverts, drains and parapets etcetera in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rocks, chiselling/wedging out of rock (where blasting is prohibited) as per drawing and MORD technical specification Clause 305.1 and as per direction of the Engineer-in-Charge	14.49			per cubic metre	
3	Providing concrete for plain reinforced concrete in open foundation complete as per drawing and technical specification clause 802,803,1202 & 1203 PCC Grade M-10 nominal size 1:3:6 within all leads and lifts as per directions of Engineer in charge	68.08			per cubic metre	
4	Providing weepholes in brick masonry/stone masonry /plain concrete abutment wing wall return wall 100mm dia AC pipe extending through the full width of the structures with slope of (1/20)(H)through drawing fasce complete as per drawing and technical specification clause 614, 709, 1204 3.7 within all leads and lifts as per directions of Engineer in charge	15.97			No	
	Total					

Executive Engineer
B&R Diya HP, PWD
Rohru

SCHEDULE OF QUANTITY

Estimated cost Rs441748/
Earens money R8834/-/-
Time :- One Month

Name of work : - C/O Jarla Karma Bhanwa road km 0/0 to 2/500(SH-C/O un-linded surface drain,cutting of braches of trees and shrubs maintance of earth shoulder an d cleaning and grubbing and land including uprooting with vegetation grass etc km 0/0 to 2/500)

Sr No.	Sub-head and Item of works.	Quantity.	Rate in figures.	Rate in words	Unit.	Amount
1	maintance of earth shoulder (filling with fresh selected soil)making up loss of materials /irregation on the shoulder of design level by addin g approved selected soil and compacting with apporopriate equipment at OMC utp a lead 100m within all leads an d lifts ass per directions of Engineer in charge	4840			per sqm	
2	Clearing and grubbing road land including uprooting wild vegetation,gress bushes ,shrubs and trees of girth up pto 300mm,removal of stumps of such trees cut earlier and disposal of unserviceable materials and stacking of serviceable materials to be used or auctioned,upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150mm in thickness as per technical specification clause 201 within all leads and lifts as per directions of Engineer in charge	0.80			per hect.	
3	cutting of branches tree shrubs asnd trimming of grass and weeds of tmeches of trees and shrubs from the road way in with in R.O.W including disposal of wood and leaves to suitabvle location as per technical specificeate clause 1914 as per directions of Engineer in charge	300.00			Nos	
4	construction of unlined surface drain of averasge cross sectional area of 0.4 sqm in ordinary rock to specified lines grades levels and dimenions as per approved design and technical specification clause 307 excavated materials to be usedd in embankments at site within all leads and lifts as per directions of Engineer	2200			per running metre	
					Total	

Executive Engineer
B&R Division HP.PWD
Rohru

SCHDUEL OF QUANTITY

Estimated Cost	4,08,431/-
Earnest Money	8200/-
Time	2 Months

Name of Work:- C/O Link road to H.B. Bajinudhar to Kewaludhar via Mohan Lal Parisar k.m. 0/0 to 3/500 (SH:-C/O 900 mm Dia HPC at R.D 0/400.)

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.	17.64			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.	50.87			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.	8.13			Per cubic meter.	
4 Providing and Laying concrete concrete 1:4:8 (1 cement: 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.	5.82			Per cubic meter.	
5 Stone masonry in cement mortar for sub-structure complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203, including all leads and lifts, or as per HPPWD, Specification of 1990 Volume-I, as directed by the Engineer-In-Charge. in C.m. 1:4	11.84			Per cubic meter.	
6 Stone masonry in cement mortar for sub-structure complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203, including all leads and lifts, or as per HPPWD, Specification of 1990 Volume-I, as directed by the Engineer-In-Charge. in C.m. 1:6	18.22			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.	28.94			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.	11.30			Per cubic meter.	
9 Providing and laying reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection 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 Running meter.	
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, i/c all leads and lift or as per direction of Engineer in charge.	0.49			Per cubic meter.	
				Total	

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

SCHEDULE OF QUANTITY

Estimated Cost	4,86,349/-
Earnest Money	9800/-
Time	2 Months

Name of work :- C/O Link road to Village Dhanoti k.m. 0/0 to 4/500 (SH:- C/O R/Wall at R.D. 1/800 to 1/816.50)


Sub-head and item of works.	Quantity.	Rate in figures.	Rate in words.	Unit.	Amount.
1 Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD, specification of 1990 Volume-I, or as directed by the Engineer-In-Charge.	23.93			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	35.31			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	11.22			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	7.10			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: 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.	42.95			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	46.18			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.	9.90			Per cubic meter.	
				Total	

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

SCHEDULE OF QUANTITY

Name of Work:- R/R damages to Badshal Nallah Ranteri Kharla road km 0/0 to 6/500 (SH:- C/O R/wall at RD 1/940 to 1/955)


Sr No	Sub Head/Items of work.	Estimated Cost. Earnest Money Time		Rate in figures	Rate in words	Unit.	Amount
		Qty	19800/- 2 month				
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.	17.85				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	28.20				Per cum	
3	Providing and Laying concrete concrete 1:6:12 (1cement: 6 sand: 12 graded stone aggregate 40mm nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge	10.80				Per cum	
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	6.45				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(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.	39.60				Per cum	
6	Construction of dry rubble masonry for retaining walls, breast walls,revetment walls and parapets etc. for sub-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	50.40				Per cum	
7	Back filling behind abutment wing wall and return complete as per drawing and technical specification including all leads and lifts, as per HPPWD, specification of 1990 volume-I as directed by the Engineer-In-Charge.	8.70				Per cum	
	Total						


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

SCHEDULE OF QUANTITY


Name of Work:- R/R damages on Parsa Chiuni Lowerkoti Chhupari road km 0/0 to 10/300 (SH:- C/O R/wall at RD 9/420 to 9/435)

Sr No	Sub Head/items of work.	Estimated Cost		Rate in words	Unit.	Amount
		Earnest Money	Time			
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 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	12.83			Per cum	
3	Providing and Laying concrete concrete 1:6:12 (1cement: 6 sand: 12 graded stone aggregate 40mm nominal size)for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge	7.20			Per cum	
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	69.30			Per cum	
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 cum	
	Total					


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

SCHEDULE OF QUANTITY

Name of Work:- R/R damages on Umladwar Frog road km 0/0 to 12/570 (SH:- C/O R/wall in wire Crate at RD 11/515 to 11/540)						
			Estimated Cost	240639/-		
			Earnest Money	4900/-		
			Time	2 month		
Sr No	Sub Head/Items of work.	Qty	Rate in figures	Rate in words	Unit	Amount
1	Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD, specification of 1990 Volume-I, or as directed by the Engineer-In-Charge.	45.00			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	18.75			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	78.13			Per cum	
			Total			


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

SCHEDULE OF QUANTITY

Name of work R/R damages to RCD road km 0/0 to 2/165 (SH- C/O u-shape Dran 0/435 to 0/640)

Estimated cost Rs 434369/-
EARNEST MONEY Rs8687/-
TIME : Three month

Sr.No	Description of Items	Quantity	Rate in Figure.	Rate in Words	unit	Amount
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, chiselling/wedging out of rock (where blasting is prohibited) as per drawing and MORD technical specification Clause 305.1 and as per direction of the Engineer-in-Charge in	79.85			per cubic metre	
2	Providing and laying cement concrete 1:3:6 (1 cement : 3 sand : 6 graded stone aggregate 20mm nominal size for plain /reinforced concrete in open foundation complete as per drawing and technical specification clause 802, 803, 1202 and 1203 including all leads and lifts as per directions of Engineer in charge	47.15			per cubic metre	
3	Providing for steel reinforcement for reinforced cement concrete work including binding and placing in position complete and other incidental charge within all leads and lifts as per directions of Engineer in charge	805.07			per kg	
4	Providing and laying cement work and laying cement concrete work 1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size mechanically mixed vibrated for compacting concrete and curing complete exc luding cost of form work and reinforcement concrete work but including carriage of materials in all leads and lifts as per directions of Engineer in charge	10.25			per cubic metre	
	Total					

Executive Engineer
B&R Divn HP, PWD
Rohru

SCHEDULE OF QUANTITY

ESTIMATED COST RS 403148/-
EARNEST MONEY RS-8062/-
TIME : two month

Name of work:- A/R & M/O Summerkot Tikhari Shalwat road km 0/0 to 3/500(SH-Protection of slab culvert at RD 0/780 to 0/860)

Sr No	Description of Items	Quantity	Rate in Figure.	Rate in Words	unit	Amount
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	25.92			per cubic metre	
2	Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:6:12 (One cement: six sand: twelve graded crushed stone aggregate) 40 mm (forty millimetre) nominal size oal specification clauses 802, 803, 1202 and 1203 as per direction of Engineer-in-Charge i	34.56			per cubic metre	
3	Stone soling properly hand packed filling interstices with kharanja stone and consolidating with power road roller to required gradient and camber including spreading water and rolling of binding materials moorum or earth etc complete as per MORD specification 150mm (one hun dred fifty milimetre)/spread thickness (finished work including materials through all modes of transports within	12.96			per cubic metre	
4	Providing concrete for plain/reinforced concrete in open foundation R/wall complete as per drawing and technical specification clause 802, 803, 1202 and 1203 grade 1:3:6 (1 cement: 3 sand: 6 graded stone aggregate within all leads and lifts as per directions of Engineer in charge	18.20			per cubic metre	
5	Providing concrete for plain/reinforced concrete in open foundation complete as per drawing and technical specification clause 802, 803, 1202 & 1204 (1:2:4) 1 cement: 2 sand: 4 sand: graded stone aggregate 20mm nominal size within all leads and lifts as per directions of Engineer in charge	13.20			per cubic metre	
	Total					

Executive Engineer
B&R Divn HP PWD
Rohru

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. 0/675 to 0/975)

Estimated Cost 4,96,533/-
Earnest Money 10,000/-
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 entire Contractor which shall have to be duly compensated by him in all cases as per direction of the Engineer-in-Charge including carriage of material within all leads and lifts. The rate including octroi, royalty, Malkana, toll tax sale tax or other taxes imposed by the Government. A recovery of useful stones 262.34 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.	3011.11			Cum.	
Total						


 Executive Engineer,
 Rohru Division HP PWD,
 Rohru.

SCHEDULE OF QUANTITY

Job No

Name of work:- R/R damages to Dumadhar Mastot Nesar road km 0/0 to 8/0 under samoli section (SH:- hiring of Tipper carriage of muck ,gravel material etc.)

		Estimated Cost. Earnest Money		297000/- 6000/-		45days			
		Time							
Sr No	Sub Head/items of work.	Qty	Rate in figures	Rate in words	Unit.	Amount			
1	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 the instructions of the Engineer In charge including all leads and lifts.	45.00			Per day				
Total									


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

SCHEDULE OF QUANTITY

Estimated cost/456049
EARNEST MONEY Rs 9120/-
TIME : Two month

Name of work - R/R Damages Sheelghat Brall road km 0/0 to 7/0/SH- C/O cross drainage works 900mm hume pipe culvert at Rd 5/640 both side wing wall.

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.	20.16			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	54.25			per cubic metre	
3	Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:6:12 (One cement: six sand : twelve graded crushed stone aggregate) 40 mm (forty millimetre) nominal size oal specification clauses 802.803,1202 and 1203 as per direction of Engineer-in-Charge i	9.41			per cubic metre	
4	Providing and layering concrete for plain/reinforced concrete in open foundation complete as per drawing and technical specification 802.803,1202 and 1204 (1:4:8)40mm nominal size within all leads and lifts as per directions of Engineer in charge	6.60			per cubic metre	
5	Stone masonry in cement mortar for sub structure complete as per drawing and technical specification clause 702.704,1202 and 1204 2nd sort in cement mortar 1:4 within all leads and as per directions of Engineer in charge	11.84			per cubic metre	
6	Stone masonry in cement mortar for strcuture like retaining wall brewas wal toe wal, abutment and similar works etc complete as per drawing and technical specification clause 702.704 ,1202 and 1204 Random rubble masonry in cement mortar 1:6 within all leads and lifts as per directions of Engineer in charge	24.72			per cubic metre	
7	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.	28.94			per cubic metre	
8	Brack filling the retaining wall and wing wall and return wall complete as per dfrawing and technical specification clause 1204 3.8 within all leads and lifts as per directions of Engineer in charge	13.56			per cubic metre	
9	Providing and laying reinforcement cement concrete pipe NP2 culverts on first class bedding of granular materials in single row including fixing collar with cement mortar 1:2 but excluding excavation protection works back filling concrete and masonry work in heads wall and parapets clasue 1106 within all leads and lifts as per directions of Engineer in charge 900mm dia	7.50			per running metre	
10	Providing and laying flooring laid over cement bedding complete as per drawing technical specification clause 1303 within all leads and lifts as per direction of Engineer in charge	0.49			per cum	
Total:-						

Executive Engineer
B&R Divn HP,PWD
Rohru

SCHEDULE OF QUANTITY.

Estimated Cost 3,85,898/-
Earnest Money 7800/-
Time 2 Months

Name of Work:- R/R Damesges to Narkanda Baggi Khadrala Sungri road k.m. 0/0 to 67/00 (SH:- C/O RWall at R.D. 27/210 to 27/229.)

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.	27.55			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	32.11			Per cubic meter.	
3 Providing and Laying concrete concrete 1:6:12 (1 cement: 6 sand: 12 graded stone aggregate 25mm nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge	9.31			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	3.80			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	26.32			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	42.21			Per cubic meter.	
7 Back filling behind abutment wing wall and return complete as per drawing and technical specification or as directed by the Engineer-In-Charge	27.93			Per cubic meter.	


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

SCHEDULE OF QUANTITY.

Estimated Cost 4,74,483/=

Earnest Money 9500/-

Time 2 Months

Name of Work:- R/R Darnages on Tutu pani kuthari Khalgar Ghasni road k.nm. 0/0 to 19/680 (SH:- C/O R/wall at R.D. 12/00 to 12/020,12/810 to 12/815)

Sub-head and Item of works.	Quantity.	Rate in figures.	Rate in words.	Unit.	Amount.
1 Excavation in soil in Hilly Area in all kind of sand by mechanical including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD, specification of 1990 Volume-I, or as directed by the Engineer-In-Charge.	14.50			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	33.25			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	10.75			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	4.50			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.	29.95			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	60.78			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	13.75			Per Cum.	

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

SCHEDULE OF QUANTITY

Estimated cost Rs439110
Earens money Rs8700/-

Time :- One Month

Name of work : - C/O Gawas Sheelapani road km 0/0 to 1/500(SH- construction unlined surace drain and clearing and grubbing road land including uprooting wild vegetation grass brushes shrubs km 0/0 to 1/500 and Removal of slips

Sr No.	Sub-head and Item of works.	Quantity.	Rate in figures.	Rate in words	Unit.	Amount
1	Clearing and grubbing road land including uprooting wild vegetation, grass bushes, shrubs and trees of girth up to 300mm, removal of stumps of such trees cut earlier and disposal of unserviceable materials and stacking of serviceable materials to be used or auctioned, upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150mm in thickness as per technical specification clause 201 within all leads and lifts as per directions of Engineer in charge	0.90			per hect.	
2	construction of unlined surface drain of average cross sectional area of 0.4 sqm in ordinary rock to specified lines grades levels and dimensions as per approved design and technical specification clause 307 excavated materials to be used in embankments at site within all leads and lifts as per directions of Engineer	1450.0			per running metre	
3	Removal of land slide clearance removal land in hilla area in ordinary rock not requiring blasting by mechanical means including cut materials within a lifts upto 1.5 mtrs and land upto 1000 metre as per technical specification 302.3.5 1611 within all leads and lifts	2220.0			per cubic metre	
4	Stripping excess soil from the shoulder surface to achieve the approved level and compacting with plate compactor at OMC as per drawing and technical specification clause 1903 within all leads and lifts	4500.0			per square metre	
4					Total	

Executive Engineer
B&R Division HP, PWD
Rohru

SCHEDULE OF QUANTITY.

Estimated Cost 4,41,531.00
Earnest Money 8900
Time 2 Months

Name of Work:- C/O Baggi Khabal road k.m. 0/0 to 10/00 (SH:- C/O R/wall in PCC 1:4:8 at R.D. 9/225 to 9/240)

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	14.25			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	14.70			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	8.40			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	65.40			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	25.00			Each.	
6 Boulder filling behind abutment wing wall and return complete as per drawing and technical specification as directed by the Engineer-in-Charge	24.00			Per Cum.	

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

SCHEDULE OF QUANTITY

Estimated cost Rs 495859/-
 Earnest Money R10000/-
 TIME : Two month

Name of work :-Improvement of Black spot on Badiyara Jangla Saribasa road km 0/0 to 11/0(SH- C/O R/wall between 2/484 to 2/484.90)

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	20.00			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	16.79			per cubic metre	
3	Providing and laying concrete for plain /reinforced concrete 1:3:6 (1cement:3 sand :6 graded 40mm nominal size in open foundation complete as per drawing and technical specification clause 802.803, 1202 1203 in cluding carrige of materilas with all leads and lifts as per directions of Engineer in charge	68.34			per cubic metre	
4	Back filling behind abutment wing wall and return wall with granular materials complete as per drawing and technical specification clause 1204.3.8 including carrige of materils as per direction of Engineer in charge	12.43			per cubic metre	
5	Providing weepholes in brick masonry/stone masonry /plain concrete abutment wing wall r return wall 100mm dia AC pipe extending through the full width of the structures with slope of 1(V)/20(H)thourgh drawing fasce complete as per drawing and technical specification clause 614 ,709 ,1204 3.7 within all leads and lifts as per directions of Engineer in charge	20.00			No	
Total:-					Total :-	

Executive Engineer
 B&R Divn HP,PWD
 Rohru

SCHEDULE OF QUANTITY

Estimated cos496085/-
Earensst Money R10000/-
TIME : Two month

Name of work :-Improvement of Black spot on Badiyara Jangla Saribasa road km 0/0 to 11/0(SH- C/O R/wall between 2/462.20 to 2/473.10)					
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	20.00			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	16.79			per cubic metre
3	Providing and laying concrete for plain /reinforced concrete 1:3:6 (1cement :3 sand :6 graded 40mm nominal size in open foundation complete as per drawing and technical specification clause 802,803,1202 1203 in cluding carrige of materilas with all leads and lifts as per directions of Engineer in charge	68.34			per cubic metre
4	Back filling behind abutment wing wall and return wall with granular materials complete as per drawing and technical specification clause 1204.3.8 including carrige of materils as per direction of Engineer in charge	12.75			per cubic metre
5	Providing weepholes in brick masonry/stone masonry /plain concrete abutment wing wall r return wall 100mm dia AC pipe extending through the full width of the structures with slope of 1(V)/20(H)thourgh drawing tasce complete as per drawing and technical specification clause 614,709,1204 3.7 within all leads and lifts as per directions of Engineer in charge	20.00			No
Total:-					Total :-

Executive Engineer
B&R Divn HP PWD
Rohru

SCHEDULE OF QUANTITY

Estimated cost Rs467415/-
 EARNEST MONEY Rs 9200/-
 TIME : Two month

Name of work R/R damages Seema Rantari road km 0/0 to 12/0(SH- C/o B/wall in PCC 1:4:8 at 11/500 to 11/528)

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.	45.36			per cubic metre	
2	Earth work in excavation for all type of road structure such as retaining walls, breast walls, culverts, drains and parapets etcetera in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rocks, chiseling/wedging out of rock (where blasting is prohibited) as per drawing and MORD technical specification Clause 305.1 and as per direction of the Engineer-in-Charge in	15.12			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 1:4:8 (One cement: four sand : eight graded crushed stone aggregate) 25 mm (Twenty five millimetre) nominal specification clauses 802, 803, 1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation with in all leads and lifts and other incidentals.	82.04			per cubic metre	
4	Providing weepholes in brick masonry/stone masonry /plain concrete abutment wing wall return wall 100mm dia AC pipe extending through the full width of the structures with slope of 1(V)20(H) through drawing fasce complete as per drawing and technical specification clause 614, 709, 1204 3.7 within all leads and lifts as per directions of Engineer in charge	24.00			No	

Executive Engineer
 B&R Divn HP, PWD
 Rohru

SCHEDULE OF QUANTITY.

Estimated Cost 359007
Earnest Money 7200
Time 2 Months

Name of Work:- R/R Damages on Kansakoti Kuttara Daigaon road k.m. 0/0 to 15/500 (SH:- C/O R/wall in PCC 1:3:6 at R.D. 4/680 to 4/695)

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	38.25			Per Cum.	
2 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	5.85			Per Cum.	
3 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	52.50			Per cubic	
4 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.	16.00			Each	
5 Boulder filling behind abutment wing wall and return complete as per drawing and technical specification as directed by the Engineer-In-Charge	7.20			Per Cum.	


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

SCHEDULE OF QUANTITY

Estimated Cost 1,37,538/-
 Earnest Money 2800/-
 Time 2 Months

Name of Work:- A/R & M/O TKHR road k.m. 0/0 to 80/600 (SH:- C/O drain and greating work at R.D. 76/900 to 76/945).

Sub-head and item of works.	Quantity.	Rate in figures.	Rate in words.	Unit.	Amount.
1 Providing & laying plain reinforcement concrete PCC M-20 nominal size mix (1:2:4) in open foundation complete as per drawing & technical specification clause 502.803.1202.1203 as per drawing including all leads & lift or as per direction of Engineer in Charge.	4.73			Per cubic	
2 Steel work welded in built up sections: russes and framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint in beams, joists, channels, angles, i.ee flats with connecting plates or angle cleats as in main and cross beams, hip and jack rafters, purlins connected to common rafters and the like.	9.470			Per Qrs	
				Total	


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

SCHEDULE OF QUANTITY

Name of work: - R/R damages to Bhiloon kanchi kui road km 0/0 to 14/0(SH-R/wall in PCC 1:4:8 at Rd 2/870 to 2/885)

Estimated cost Rs441544/-
EARNEST MONEY Rs 8900/-
TIME : Two month

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.	14.25			per cubic metre	
2	Earth work in excavation for all type of road structure such as retaining walls, breast walls, culverts, drains and parapets etcetera in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rocks, chiselling/wedging out of rock (where blasting is prohibited) as per drawing and MORD technical specification Clause 305.1 and as per direction of the Engineer-in-Charge in	14.70			per cubic metre	
3	Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:6:12 (One cement: six sand : twelve graded crushed stone aggregate) 40 mm (forty millimetre) nominal size oal specification clauses 802, 803, 1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation with in all leads and lifts and other incidentals.	8.40			per cubic metre	
4	Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:4:8 (One cement: four sand : eight graded crushed stone aggregate) 25 mm (twenty five millimetre) nominal specification clauses 802, 803, 1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation with in all leads and lifts and other incidentals.	65.40			per cubic metre	
5	Providing weepholes in brick masonry/stone masonry/ plain concrete abutment wing wall r return wall 100mm dia AC pipe extending through the full width of the structures with slope of 1(V)20(H)through drawing fasce complete as per drawing and technical specification clause 614, 709, 1204 3.7 within all leads and lifts as per directions of Engineer in charge	25.00			No	
6	Brack filling the retaining wall and wing wall and return wall complete as per dfrwing and technical specification clause 1204 3.8 within all leads and lifts as per directions of Engineer in charge	24.00			per cubic metre	

Executive Engineer
B&R Divn HP, PWD
Rohru

SCHEDULE OF QUANTITY

Estimated cost Rs 388336/-
EARNEST MONEY Rs7800/-
TIME : Two month

Name of work : - R/R damages on Sharog Kanchi Kanda road km 0/0 to 5/0(SH- C/O B/wall at RD 0/570 to 0/592

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.	48.62			per cubic metre	
2	Earth work in excavation for all type of road structure such as retaining walls, breast walls, culverts, drains and parapets etcetera in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rocks, chiselling/wedging out of rock (where blasting is prohibited) as per drawing and MORD technical specification Clause 305.1 and as per direction of the Engineer-in-Charge in	39.38			per cubic metre	
3	Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:6:12 (One cement: six sand : twelve graded crushed stone aggregate) 40 mm (forty millimetre) nominal size oal specification clauses 802, 803, 1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation with in all leads and lifts and other incidentals.	7.04			per cubic metre	
4	Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:4:8 (One cement: four sand : eight graded crushed stone aggregate) 25 mm (twenty five millimetre) nominal specification clauses 802, 803, 1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation with in all leads and lifts and other incidentals.	4.40			per cubic metre	
5	Random rubble stone masonry work in cement mortar 1:6 (one cement : six sand) for substructure complete as per drawing and MORD Technical Specifications Clauses 702, 704, 1202 and 1204 and as per the direction of the Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts and other incidentals.	42.15			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.	30.38			per cubic metre	
Total:-						

Executive Engineer
B&R Divn HP, PWD
Rohru

SCHEDULE OF QUANTITY

Estimated cost 495327/-
 Earnest Money Rs 960/-
 TIME : Two month

Name of work :- Improvement of Black spot on Badiyara Jangla Saribasa road km 0/0 to 11/0 (SH- C/O R/wall between 2/418.60 to 2/429.50)					
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	21.26			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	16.79			per cubic metre
3	Providing and laying concrete for plain /reinforced concrete 1:3:6 (1 cement :3 sand :6 graded 40mm nominal size in open foundation complete as per drawing and technical specification clause 802.803, 1202 1203 including carriage of materials with all leads and lifts as per directions of Engineer in charge	68.34			per cubic metre
4	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	11.77			per cubic metre
5	Providing weepholes in brick masonry/stone masonry /plain concrete abutment wing wall & return wall 100mm dia AC pipe extending through the full width of the structures with slope of 1(V)20(H) thorough drawing & complete as per drawing and technical specification clause 614, 709, 1204 3.7 within all leads and lifts as per directions of Engineer in charge	20.00			No
Total :-					Total :-

Executive Engineer
 B&R Divn HP PWD
 Rohru

SCHEDULE OF QUANTITY

Estimated cos495074/-
Earens Money R9950/-
TIME : Two month

Name of work :-Improvement of Black spot on Badiyara Jangla Saribasa road km 0/0 to 11/0(SH- C/O R/wall between 2/440.40 to 2/451.30)						
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	21.80			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	16.79			per cubic metre	
3	Providing and laying concrete for plain /reinforced concrete 1:3:6 (1cement:3 sand:6 graded 40mm nominal size in open foundation complete as per drawing and technical specification clause 802.803, 1202 1203 in cluding carriege of materilas with all leads and lifts as per directions of Engineer in charge	68.34			per cubic metre	
4	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	11.45			per cubic metre	
5	Providing weepholes in brick masonry/stone masonry /plain concrete abutment wing wall r return wall 100mm dia AC pipe extending through the full width of the structures with slope of 1(V)20(H)thourgh drawing fasce complete as per drawing and technical specification clause 614, 709, 1204 3.7 within all leads and lifts as per directions of Engineer in charge	20.00			No	
Total:-					Total :-	

Executive Engineer
B&R Divn HP, PWD
Rohru