

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

13584

dated:- 7-10-2022

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 & sechdule 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:-	17.10.2022 upto 1:00PM
2. Date of issue/sale of tender forms:-	17.10.2022 upto 2:00PM to 3:00PM
3. Date of receipt of tender:-	18.10.2022 upto 3:30PM
4. Date of opening of tender:-	18.10.2022 upto 4:00PM

Sr.No.	Name of Work.	Estt.Cost.	E/Money	Time.
1	<i>R/R Damages to RCD road Km. 2/0 to 21/195 (SH:- C/O R/Wall in PCC 1:3:6 at Rd. 6/041 to 6/051.40)</i>	Rs. 488831/-	Rs. 9780/-	2 Months
2	<i>R/R Damages Udhoo Niwas Jakhar Rantari road Km.0/0 to 12/0 (SH:- C/O R/Wall at Rd. 0/310 to 0/332)</i>	Rs. 465114/-	Rs. 9122/-	2 Months
3	<i>R/R Damages Udhoo Niwas Jakhar Thothani Rantari Km. 0/0 to 12/0 (SH:- Clearing of grubbing and including uprooting wild vegetation grass bushes shrubs and stripping and cleaning of culvert at Rd. 0/0 to 4/0)</i>	Rs. 282728/-	Rs. 6383/-	1 Months
4	<i>R/R Damages to Summerkot Tikkari Shalawat road Km. 0/0 to 3/500 (SH:- C/O R/Wall at Rd. 2/200 to 2/215)</i>	Rs. 470132/-	Rs. 9400/-	2 Months
5	<i>R/R Damages to link road to HB Bhamnallah Km. 0/0 to 2/500 (SH:- C/O R/Wall at Rd. 0/040 to 0/055)</i>	Rs. 465496/-	Rs. 9300/-	2 Months
6	<i>R/R Damages to Samoli Parsa road Km 0/0 to 7/0 (SH:- C/O R/Wall at Rd. 1/495 to 1/511)</i>	Rs. 429742/-	Rs. 8600/-	2 Months
7	<i>A/R & M/O Civil Hospital at Rohru (SH:- Distempering and Painting etc).</i>	Rs. 317307/-	Rs. 6350/-	1 Months
8	<i>R/R Damages to Rohru Arhal Bashla road Km. 0/0 to 11/500 (SH:- C/O R/Wall at Rd. 0/170 to 0/179)</i>	Rs. 451699/-	Rs. 9033/-	2 Months
9	<i>A/R & M/O various non residential building at HPPWD Rohru (SH:- Binding of old record files of office 14th Circle HPPWD Rohru)</i>	Rs. 425000/-	Rs. 8500/-	2 Months
10	<i>A/R & M/O various non residential building at HPPWD Rohru (SH:- Binding of old record files of sub Divn. Rohru)</i>	Rs. 425000/-	Rs. 8500/-	2 Months
11	<i>A/R & M/O various non residential building at HPPWD Rohru (SH:- Binding of old record files of office HPPWD Divn Rohru)</i>	Rs. 425000/-	Rs. 8500/-	2 Months
12	<i>C/O link road to Baghi Km. 0/0 to 3/0 (SH:- widening of narrow reaches at Rd. 1/480 to 1/705)</i>	Rs. 475852/-	Rs. 9600/-	2 Months
13	<i>R/R Damages to Korsu Kuta road Km. 0/0 to 5/0 (SH:- C/O B/Wall at Rd. 0/360 to 0/375)</i>	Rs. 301356/-	Rs. 7150/-	2 Months
14	<i>R/R Damages to Rohru Arhal Bashla road Km. 0/0 to 12/0 (SH:- C/O R/Wall at Rd. 11/380 to 11/385)</i>	Rs. 106592/-	Rs. 2130/-	2 Months
15	<i>A/R & M/O Nandla Jalwari road KM. 0/0 to 7/0 (SH:- C/O Rall in PCC at RD. 3/310 to 3/320)</i>	Rs. 498069/-	Rs. 10000/-	2 Months
16	<i>R/R Damages to Parsa Lowerkoti Chupari road Km. 0/0 to 10/500 (SH:- C/O Hume pipe culvert 900 mm dia at Rd. 2/180 with wing wall both side)</i>	Rs. 466136/-	Rs. 9322/-	2 Months
17	<i>C/O link road to Vill Dhanoti Km. 0/0 to 4/500 (SH:- C/O B/Wall at Rd. 0/00 to 0/030)</i>	Rs. 481162/-	Rs. 9700/-	2 Months
18	<i>R/R Damages to Shalwat wali Karetly road Km. 0/0 to 2/0 (SH:- C/O R/Wall in wire create at Rd. 0/800 to 0/830)</i>	Rs. 209757/-	Rs. 4200/-	2 Months
19	<i>R/R Damages to link road to Vill HB Dayarmoli Km. 0/0 to 0/750 (SH:- C/O R/Wall at Rd. 0/230 to 0/243)</i>	Rs. 492684/-	Rs. 9900/-	2 Months
20	<i>C/O Palkan Knda road km. 0/0 to 2/500 (SH:- C/O R/Wall in PCC at Rd. 1/260 to 1/280)</i>	Rs. 193942/-	Rs. 5900/-	2 Months
21	<i>R/R Damages to Machoti Padda Nallah road km. 0/0 to 8/0 (SH:- C/O B/Wall at Rd. 2/120 to 2/135)</i>	Rs. 276580/-	Rs. 5530/-	2 Months
22	<i>R/R Damages to Summerkot Tikkai Shalawat road Km. 0/0 to 3/500 (SH:- C/O R/Wall at Rd. 2/120 to 2/136)</i>	Rs. 474241/-	Rs. 9450/-	2 Months
23	<i>C/O link road Pancha to Kinrada Kingnagar (SH:- F/C 5/7 mtr. wide road at Rd. 0/300 to 0/510)</i>	Rs. 497437/-	Rs. 10000/-	2 Months
24	<i>R/R Damages to Jarla Kayara Bhanwa road under Rohru Sub-Division Samoli section (SH:- Hirign of Excavator cum loader (POCK LANE /L&T) for removal of slips and side and dressing of road)</i>	Rs. 495000/-	Rs. 9900/-	15 days
25	<i>R/R Damages to Rohru Barara Sharog road Km. 0/0 to 8/0 (SH:- C/O R/Wall in PCC 1:3:6 at rd. 5/705 to 5/720)</i>	Rs. 460308/-	Rs. 9300/-	2 Months
26	<i>R/R damages to Ganasi Dhar Kadiwan Ghasni road km 0/0 to 11/200 (SH:- P/L G- ill in various reaches at various road)</i>	Rs. 426321/-	Rs. 8600/-	2 Months
27	<i>R/R Damages to Jakhr Thothani Rantari road Km 0/0 to 3/0 (SH:- C/O R/Wall at Rd. 1/240 to 1/260)</i>	Rs. 390066/-	Rs. 7981/-	2 Months
28	<i>R/R Damages to Jakhr Thothani Rantari road Km 0/0 to 3/0 (SH:- C/O R/Wall at Rd. 5/300 to 5/320)</i>	Rs. 388093/-	Rs. 7761/-	2 Months

29	R/R Damages to Jakhar Thakulidhar Besralla Bartu road km. 0/0 to 4/0 S(H:- Maintenance of road unlined surface drain and branches bush cutting etc.	Rs. 319160/-	Rs. 6383/-	2 Months
30	R/R Damages to Udhoo Niwas Jakhar road Km. 0/0 to 1/20 SH:- R/Wall in wire create at Rd. 7/315 to 7/335)	Rs. 466060/-	Rs. 9320/-	2 Months
31	C/O Mehandli Tikkar road Km 0/0 to 8/560 S(H:- C/O B/Wall at Rd. 10/945 to 10/965)	Rs. 403802/-	Rs. 8076/-	2 Months
32	C/O link road Tandali to Patsari KM. 0/0 to 2/500 S(H:- F/C 5/7 mtr wide road Km. 1/975 to 2/030)	Rs. 494210/-	Rs. 9984/-	2 Months
33	R/R Damages to Dhamwari Gajwani road Km. 0/0 to 3/0 S(H:- C/O R/Wall in wire create at Rd. 0/405 to 0/418.75)	Rs. 490177/-	Rs. 9108/-	2 Months
34	C/O link road to Bagi Km. 0/0 to 3/0 S(H:- Widening of narrow reaches at Rd. 0/615 to 0/720 , 1/090 to 1/210 , 1/285 to 1/405)	Rs. 404279/-	Rs. 8100/-	2 Months
35	R/R Damages to Chirgaon Gushali Rohal road Km. 0/0 to 16/0 SH:- C/O B/Wall in wire create at Rd. 8/545 to 8/590)	Rs. 433598/-	Rs. 8700/-	2 Months
36	Widening of link road to Vill. Tandali Km. 0/0 to 1/500 S(H:- widening of narrow reaches at Rd. 1/150 to 1/165)	Rs. 111023/-	Rs. 2220/-	2 Months
37	R/R Damages to Dhaneari to Gokswari road Km 0/0 to 5/300 S(H:- Providing and laying essential Kharanja stone solingat Rd. 1/800 to 2/045)	Rs. 477911/-	Rs. 95558/-	2 Months
38	C/O link road Todsa to HB Limbra Km. 0/0 to 2/0 S(H:- C/O B/Wall at Rd. 1/295 to 1/320)	Rs. 476072/-	Rs. 9520/-	2 Months
39	C/O Jakhadhar MiniGadham road km. 0/0 to 3/0 S(H:- C/O R/Wall at Rd. 0/585 to 0/596)	Rs. 357463/-	Rs. 7149/-	2 Months
40	C/O link road Pancha to Kindrada (King Nagar) SH:- F/C 5/7 mtr wide road at Rd. 0/135 to 0/300)	Rs. 497481/-	Rs. 10000/-	2 Months
41	C/O link road to H.B Hanstari Dhar KM. 0/0 to 1/500 S(H:- C/O R/Wall in wire create at Rd. 0/810 to 0/830)	Rs. 472513/-	Rs. 9500/-	2 Months
42	C/O Govt. P.G College at Seema SH:- B/Wall in RR Masonry 1:6 at Rd. 0/0 to 0/025)	Rs. 474004/-	Rs. 9480/-	2 Months
43	C/O Civil Judge Cum ACJM Building at Rohru (SH:-P/F Tile and Mnhole Charnber)	Rs. 499271/-	Rs. 9985/-	3 Months
44	A/R & M/O Civil Judge Cum ACJM Building at Rohru (SH:- Painting and White washing etc)	Rs. 495279/-	Rs. 9906/-	2 Months
45	R/R damages Koti Sobinallah road km 0/0 to 1/300 (SH:- C/O R/wall at RD in wire create at RD 0/538 to 0/568)	Rs. 446289/-	Rs. 9000/-	2 Months
46	R/R damages to Ganasi Dhar Kadiwan Ghansi road km 0/0 to 11/200 (SH:-P/L G-III in various reaches at RD 6/800 to 8/0)	Rs. 498132/-	Rs. 10000/-	2 Months
47	C/O link road to Hingori km 0/0 to 2/0 (SH:- F/C 5/7 mtr wide road at RD 0/835 to 0/855)	Rs. 145197/-	Rs. 3000/-	2 Months
48	R/R damages on Rohru Arahel Bashla road (SH:-providing wire mesh at RD 0/025 to 0/071)	Rs. 405285/-	Rs. 8200/-	2 Months
49	R/R damages to Dhara Narpa Pokta road km 0/0 to 7/0 (SH:-C/O R/wall in PCC 1:4:8 at RD 5/585 to 5/606.50)	Rs. 412873/-	Rs. 8300/-	2 Months

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

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

1. The Earnest-money for the above works should be submitted with the application for the purchase of the tender documents.
2. The Contractors should quote the rates of all the items in the tenders both in figures and words.
3. Income tax & GST No latest clearance certificate.
4. The contrs / firm shall accompany his enlistment/renewal & EPF submit before the award of tender.
5. The contractors should apply for two works only at a time for tenders.
6. The Executive Engineer reserves the right to accept/rejected any tender/application or all tenders without assigning any reason.

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

Copy forwarded for information and wide publicity to:-

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

13585-610

Executive Engineer,
B&R Division, HPPWD, Rohru
Dated:-

7/10 - 2022


Executive Engineer,
B&R Division, HPPWD, Rohru

SCHEDULE OF QUANTITY

Estimated cost Rs 488831/-
Earnest Money Rs 9780/-
TIME : Two month

Name of work:-R/R damages to RCD road km 2/0 to 2/195(SH- C/O R/wall PCC 1:3:6 at Rd 6/041 to to 6/051.40)

Sl. 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.	12.79			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	12.58			per cubic metre	
3	Providing and laying cement concrete 1:6:12 (one cement six sand twelve graded stone aggregate 40mm norm inai size for plain/reinforced concrete in open foundation complete as per drawing and technical spfeciification cause 802,803, 1202 and 1203 including carriage of materials within all leads and lifts as per directions of Engineineder in charge	7.18			per cubic metre	
4	Providing and concrete for plain reinforced concrete in open foundations complete as per drawing and technical clause 803,1202 and 1203 grade 1:3:6 (1cement :3 sand :6 graded stone agg within all leadf and lifts as per direction of Engineer in charge	63.65			per cubic metre	
5	Providing weephole in brick masonry /stone plain concrete abutment wing wall and return wall 100mm dia AC pipe extending thorough the full width of the structures with slope 10/20(H)through drawing face complete as per drawing and technical specification clause 614	32.00			Each	
6	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	16.64				
	Total:-					
					Total	

Executive Engineer
B&R Divn HP.PWD
Rohru

SCHUEDLE OF QUANTITY

Estimated cost Rs 4465114/-
Earnest Money Rs 9122.00-

Name of work: R/R damages Udhoo Niwas Jakhar Niwas Jakhar Ranftari road km 0/0 to 12/0 (SH-C/Q at 0/310 to 0/332)

Price TIME : Two month

Sr No	Description of items	Quantity	Rate in ₹/m ³	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.	21.67			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	31.02			per cubic metre	
3	Providing and laying cement concrete 1:6:12 (one cement six sand twelve graded stone aggregate 40mm nominal size for plain/reinforced concrete in open foundation complete as per drawing and technical specification clause 802,803,1202 and 1203 including carriage of materials within all leads and lifts as per directions of Engineer in charge	9.46			per cubic metre	
4	Providing and laying mechanical mixed and vibrated cement concrete for plain/reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:4:8 (One cement: four sand: eight graded crushed stone aggregate) 20 mm specification clauses 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts and other incidentals.	3.74			per cubic metre	
5	stone Random rubble masonry work in cement mortar 1:6 (1 cement : 6 sand) in foundation complete as per drawing and technical specification clause 702,704,1202 and 1203 including carriage of materials within all leads and lifts as per directions of Engineer in charge	31.90			per cubic metre	
6	Construction of dry rubble masonry for retaining walls breast wall revetment walls and parapets etc for sub structure complete as per drawing and technical specification clause 704.6 and 1305. within all leads and lifts as per direction of Engineer in charge	47.48			per cubic metre	
7	Back filling behind abutment wing wall and return wall with granular materials complete as per drawing and technical specification clause 1204.3.8 including carriage of materials as per direction of Engineer in charge	10.89			per cubic metre	
Total:-						

Executive Engineer
B&R Divn HP.PWD
Rohru

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SCHEDULE OF QUANTITY

Estimated cost Rs282728/-
Earnest money Rs6383/-

Time :- One Month

Name of work : -R/R damages udho niwas Lakhar Thothani Rantari km 0/0 to 12/0(SH-clearing of grubing and including uprooting wild vegetation grass bushes and stripping and cleanig of culvert at RD 0/0 to 4/0)

Sr No.	Sub-head and Item of works.	Quantity.	Rate in figures.	Rate in words	Unit.	Amount
1	Clearinig and grubbing road land including uprooting wild vegetation,grass brushes ,shrubs and trees of girth up pto 300mm,removal of stumps of such trees cut earlier and disposal of unservicable materials and stacking of serviceable materials to be used or auctioned,upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150mm in thickness as per technical specification clause 201 within all leads and lifts as per directions of Engineer in charge	3.00			per hect.	
2	stripping excess soil from the shoulder surface to achieve the approved level and compacting with plate compactor at OMC as drawing and technical specification clause 1903 within all leads and lifts as per directions of Engineer in charges	3161.21			per square metre	
3	maintenance of hume pipe culverts of way of cleaning cleaning erosion repair to cracks parapets wall and protectins works as drawing and including specification clause 1908 within all leads and lifts as per directions of Engineer in charges	8.00			p/km	


Executive Engineer
B&R Division HP.PWD
Rohru

SCHEDULE OF QUANTITY

Name of Work:- RIR Damages to Summerkot Tikkan Shalawat road k.m. 0/0 to 3/500 (SH.-C/O R/Wall at R.D.2/200 to 2/215.)	Estimated Cost.	470,132/-
	Earnest Money	9400/-
	Time	2 Months
Sub-head and Item of works.		
1 Excavation in soil in Hilly Area in a kind of sand by mechanical/manual means including cutting and trimming of side slopes and discarding of excavated earth with a lift upto any lead and 4' as per Technical Specification Clause 603.1 and as per HPPWD specification of 1990 Volume-I or as directed by the Engineer-in-Charge	21.75	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 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-1 or as directed by the Engineer-in-Charge	25.35	Per cubic meter
3 Providing and Laying concrete 1:6:12 (cement: 6 sand: 12 graded stone aggregate 40mm nominal size) for park/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	7.35	Per cubic meter
4 Providing and Laying concrete 1:4:8 (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	9.00	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 (cement: sand) complete as per drawing and technical specifications Clauses 702, 704, 1202 & 203 including all leads and lifts as per HPPWD Specification of 1990 Volume-I as directed by the Engineer-in-Charge	30.90	Per cubic meter
6 Construction of dry rubble masonry for retaining walls, breast walls, evertment 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	45.83	Per cubic meter
7 Back filling behind aspernent wing wall and return complete as per drawing and technical specification including all leads and lifts as per HPPWD specification of 1990 volume-I as directed by the Engineer-in-Charge	16.95	Per cubic meter
	Total	


 Executive Engineer
 B&R Sub-Div. HP.PWD
 Rohru

SCHUEDLE OF QUANTITY

Name of work - R/R damages link road to Harijan Basti Bhamnallah km 0/0 to 2/500(SH-C/O R/wall at RD 0/040 to 0/055)

Estimated cost Rs. 465496/-
Earnest Money Rs9300/-
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	30.00			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	24.00			per cubic metre	
3	Providing and laying mechanical mixed and vibrated cement concrete for plain/cement concrete nominal mix 1:4:8 (One cement: four sand : eight graded crushed stone aggregate)20 mm specification clauses 802,803,1202 and 1203 as per direction of Engineer-in-Charge 1	78.00			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	30.00			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	6.70			per cubic metre	
Total:-						

Executive Engineer
B&R Divn HP,PWD
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SCHEDULE OF QUANTITY

Name of work :- R/R Damages to Samoli Parsa road k.m. 0/0 to 7/00 (SH:- C/O R/Wall at R. D. 1/495 to 1/511)		Estimated Cost	4,29,742/-		
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-1, or as directed by the Engineer-in-Charge.	23.20			Per cubic meter.	
2 Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a any lead and lift, dressing of sides and bottom and backfilling in trenches with excavated suitable material useful material available from excavation to be properly stacked and handed over to the department free of cost including all leads and lifts, as per HPPWD, specification of 1990 volume-1 or as directed by the Engineer-in-Charge.	27.04			Per cubic meter.	
3 Providing and Laying concrete concrete 1:6:12 (cement 6 sand 12 graded stone aggregate 40mm nominal size) in size for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 & 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-1 or as directed by the Engineer-in-Charge.	7.84			Per cubic meter.	
4 Providing and Laying concrete concrete 1:4:8 (cement 4 sand 8 graded stone aggregate 25mm nominal size) in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts as per HPPWD, specification of 1990 volume-1 or as directed by the Engineer-in-Charge	3.20			Per cubic meter.	
5 Random rubble masonry stone masonry(un-coursed/brought to courses)with hard stone of approved quality in foundation in cement mortar 1:6 (1cement,6sand) complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 including all leads and lifts, or as per HPPWD, Specification of 1990 Volume-1, as directed by the Engineer-in-Charge.	23.74			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-1 as directed by the Engineer-in-Charge	56.28			Per cubic meter.	
7 Back filling behind abutment wing wall and return complete as per drawing and technical specification as per drawing and technical specification of 1990 volume-1 as directed by the Engineer-in-Charge	18.08			Per cubic meter.	
				Total	

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

DRAFT SCHUEOLE OF QUANTITY

Estimated cost Rs 317307/-
Earnest Money Rs 6350/-
TIME : one month

Name of work:-A/R& M/o Civil Hospital at Rohru(SH-Distempering and painting etc.)

Sl No	Description of items	Quantity	Rate in Figure.	Rate in Words	unit	Amount
1	Providing and applying white cement based putty of average thickness 1mm of approved brand and manufacture over the plastered wall surace to prepared the surface even and smooth complete within all leads and lifts as per directions of	1518.00			per square metre	
2	Distempering with 1st quality anhydritic distemper having VOC (Volatile organic compound) cement less than 50 grams /litre, of approved brand and manfacture including applying additional coats wherever required to achieve even shade and colour within all leads and lifts as per directions of Engineer in charge	1518.00			per square metre	
3	Painting two coat (excluding priming coat on new wood and wood based surface with enamel paint to give and even shade including clarning the surface of all dirt and dust and other foreign matter sand papering and shopping including carriage all leads and lifts as per direction of Engineer in charge	536.31			per square metre	
	Total:-					


Executive Engineer
B&R Divn HP PWD
Rohru

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SCHUEDLE OF QUANTITY

Name of work :-R/R damages on Rohru Arhal Bashla road km 0/0 to 11/1500(SH-C/O R/wall at RD 0/170 to 0/179).

Estimated cost Rs 451659/-
Earnest Money Rs 9033/-
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.	32.31			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	27.70			per cubic metre	
3	Providing and laying cement concrete 1:6:12 (one cement six sand twelve graded stone aggregate 40mm nominal size for plain/reinforced concrete in open foundation complete as per drawing and technical specification clause 802,803,1202 and 1203 including carriage of materials within all leads and lifts as per directions of Engineer in charge	7.92			per cubic metre	
4	Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:4:8 (One cement: four sand : eight graded crushed stone aggregate)20 mm 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.	4.68			per cubic metre	
5	stone Random rubble masonry work in cement mortar 1:6(1cement:6sand)in foundation complete as per drawing and technical specification clause 702,704,1202 and 1203 including carriage of materials within all leads and lifts as per directions of Engineer in charge	34.88			per cubic metre	
6	Construction of dry rubble masonry for retaining walls breast wall revetment walls and parapets etc for sub structure complete as per drawing and technical specification clause 704.6 and 1305 within all leads and lifts as per direction of Engineer in charge	49.59			per cubic metre	
7	Back filling behind abutment wing wall and return wall with granular materials complete as per drawing and technical specification clause 1204.3.8 including carriage of materials as per direction of Engineer in charge.	6.35			per cubic metre	
	Total:-					
					Total .	

Executive Engineer
B&R Divn HP-PWD
Rohru

SCHEDULE OF QTY

Estimated Cost :- 425000

Earnest Money:- 8500

Time:- Two Month

Name of work:- A/R & M/O Various Non Residential building at HP PWD Rohru

(SH:- Binding of old office record files of office 14th Circle HP PWD Rohru

Sr. No.	Sub- Head & items of work	Qty	Unit	Rate in Fig.	Rate in words	Amount
	Binding of office record file with card board on both side of file, fixing binding cloth on one edge of the file and Abary paper on face of the card board with proper adhesive material like fevicoll glue etc. and sewing the file with durable and hard thread of suitable size including labour so as to make it in good condition in all respects as per the direction of Engineer-in-charge with in all leads and lift					
In C/ Branch						
Works		700	Nos			
Drawing Branch		700	Nos			
Budget Section		500	Nos			
	Total:-	600	Nos			


 Executive Engineer
 B&R Division HP PWD
 Rohru

SCHEDULE OF QTY

Estimated Cost :- 425000
Earnest Money:- 8500

Time:- Two Month

Name of work:- A/R & M/O Various Non Residential building at HP PWD Rohru

(SH:- Binding of old office record files of Sub- Division HP PWD Rohru

Sr. No.	Sub- Head & items of work	Qty	Unit	Rate in Fig.	Rate in words	Amount
	Binding of office record file with card board on both side of file, fixing binding cloth on one edge of the file and Abary paper on face of the card board with proper adhesive material like fevicol glue etc. and sewing the file with durable and hard thread of suitable size including labour so as to make it in good condition in all respectas as per the direction of Engineer-in-charge with in all leads and lift	2500	Nos			
	Total:-					


Executive Engineer
B&R Division HP PWD
Rohru

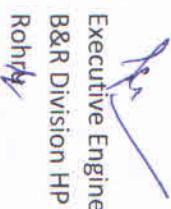
SCHEDULE OF QTY

Estimated Cost :- 425000
 Earnest Money:- 8500

Time:- Two Month

Name of work:- A/R & M/O Various Non Residential building at HP PWD Rohru
 (SH:- Binding of old office record files of Division office HP PWD Rohru

Sr. No.	Sub- Head & items of work	Qty	Unit	Rate in Fig.	Rate in words	Amount
	Binding of office record file with card board on both side of file, fixing binding cloth on one edge of the file and Abary paper on face of the card board with proper adhesive material like fevicol glue etc. and sewing the file with durable and hard thread of suitable size including labour so as to make it in good condition in all respectas as per the direction of Engineer-in-charge with in all leads and lift					
	In C/ Branch	1000	Nos			
	Account Branch	800	Nos			
	Drawing Branch	700	Nos			
	Tota:-					


 Executive Engineer
 B&R Division HP PWD
 Rohru

Name of Work:- C/O Link road to Baghi k.m. 0/0 to 3/00 (SH:- Widening of narrow reaches, at R.D. 1/480 to 1/705.)

SCHEDULE OF QUANTITY

Sr No	Sub Head/Items of work	Qty	Rate in figures	Rate in word	Unit	Estimated Cost Earnest Money Time	4.75,852/- 9600/- 2 Months
1	<p>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 stones 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 2251.50 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.</p>	1593.00			Cum.		

Total

Signature
Executive Engineer,
Rohru Division HP PWD,
Rohru.

SCHEDULE OF QUANTITY

Name of work -R/R damages Korsu kulu road km 0/0 to 5/0(SH-C/o B/wall at RD 0/360 to 0/375)

Estimated cost Rs 301356/-
Earnest Money Rs7150/-
TIME : Two month

Sr No	Description of items	Quantity	Rate in Figure.	Rate in Words	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.	36.22			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	18.90			per cubic metre
3	Providing and laying cement concrete 1:6:12 (one cement six sand twelve graded stone aggregate 40mm nominal size for plain/reinforced concrete in open foundation complete as per drawing and technical spfeciification cause 802,803,1202 and 1203 including carriage of materials within all leads and lifts as per directions of Engineer in charge	4.80			per cubic metre
4	Providing and laying mechanical mixed and vibrated cement concrete for plain/reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:4:8 (One cement, four sand : eight graded crushed stone aggregate)25 mm specification clauses 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportion with in all leads and lifts and other incidentals.	3.00			per cubic metre
5	stone Random rubble masonry work in cement mortar 1:6(1cement :6sand)in foundation complete as per drawing and technical specification clause 702,704,1202 and 1203 including carriage of materials within all leads and lifts as per directions of Engineer in charge	29.68			per cubic metre
6	Construction of dry rubble masonry for retaining walls, breast walls,revetment walls and parapets etcetera 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.	19.01			per cubic metre
				Total	

Executive Engineer
B&R Divn HP.PWD
Rohru

DRAFT SCHUEOLE OF QUANTITY

Name of work:-R/R damages to Rohru Arhal Bashla km 0/0 to 120(SH- Rwall at Rd 11/380 to 11/385)

Estimated cost Rs106592/-
EARNEST MONEY Rs2130/-
TIME : Two month

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.		6.35						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		8.00						per cubic metre	
3	Providing and laying mechanical mixed and vibrated cement concrete for plain/reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:6:12 (One cement: six sand: twelve graded crushed stone aggregate) 40 mm (forty millimetre) nominal size oval specification clauses 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation with in all leads and lifts and other incidentals.		2.15						per cubic metre	
4	Random masonry /stone masonry uncoursed brought to courses with hard stone of approved quality in foundation and plinth in cement mortar 1:6(1cement:6sand)complete as per drawing and technical specification clause 702,704,1202 and 1203 HP/PWD specification 1990 volume-1 within all leads and lifts as per direction of Engineer in charge		8.95						per cubic metre	
5	Construction of dry rubble masonry for retaining walls, breast walls,revetment walls and parapets etcetera 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.		13.44						per cubic metre	

Executive Engineer
B&R Divn HP.PWD
Rohru

SCHEDULE OF QUANTITY

Job No. 16

Name of Work:- AIR & M/O Nandia Jhalwari road k.m. 0/0 to 7/00 (SH:- C/O R/Wall in PCC at R. D. 3/310 to 3/320)

	Estimated Cost
	4,98,069/-
	10,000/-

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-1, or as directed by the Engineer-In-Charge	13.30			Per cubic meter	
2 Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a any lead and lift, dressing of sides and bottom and backfilling in trenches with excavated suitable material useful material available from excavation to be properly stacked and handed over to the department free of cost including all leads and lifts, as per HPPWD specification of 1990 volume-1 or as directed by the Engineer-In-Charge	18.60			Per cubic meter	
3 Providing and Laying concrete concrete 1:6:12 (cement: 6 sand :2 graded stone aggregate 40mm nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD specification of 1990 volume-1 or as directed by the Engineer-In-Charge	7.10			Per cubic meter	
4 Providing and Laying concrete concrete 1:3:6 (cement: 3 sand: 6 graded stone aggregate 40mm nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD specification of 1990 volume-1 or as directed by the Engineer-In-Charge	69.20			Per cubic meter	
5 Back filling behind R/Wall, B/Wall, abutment wing wall and return complete as per drawing and technical specification including all leads and lifts, as per HPPWD specification of 1990 volume-1 as directed by the Engineer-In-Charge	16.00			Per cubic meter	
6 Providing weephole in brick masonry/stone masonry, plain/reinforcement cement concrete abutment wing wall, return wall with 100mm dia AC pipe extending through the full width of structure with stop of 1(V):20(H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204.3.7.	25.00			Each	
				Total	

P.M.
Executive Engineer,
B&R, Dyn H.P.PWD,
Rohru.

SCHEDULE OF QUANTITY

Estimated cost Rs466135/-
EARNEST MONEY Rs 932/-
TIME : Two month

Name of work:- R/R damages to Parsa Lowerkoti Chhupari road km 0/0 to 10/500(SH- C/o Hume pipe culvert at RD 21/180 with with wall both side).

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.	16.69			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/weiging 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.	50.18			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 oval 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.	7.39			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.	68.21			per cubic metre	
5	Brick filling the retaining wall and wing wall and return wall complete as per drawing and technical specification clause 1204 3.8 within all leads and lifts as per directions of Engineer in charge	14.70			per cubic metre	
6	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 clause 1106 within all leads and lifts as per directions of Engineer in charge 900mm dia	7.50			per running metre	
7	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	8.00		Each		

Executive Engineer
B&R Divn HP,PWD
Rohru

SCHEDULE OF QUANTITY **Job No.**

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. 2/00 to 2/030)	Sub-head and Item of works.	Estimated Cost	Time			
		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-1, or as directed by the Engineer-In-Charge.	57.60			Per cubic meter.	4,81,162=
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-1 or as directed by the Engineer-In-Charge	43.20			Per cubic meter.	9700=
3	Providing and Laying concrete concrete 1:6:12 (cement: 6 sand: 12 graded stone aggregate 40mm nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-1 or as directed by the Engineer-In-Charge	8.10			Per cubic meter.	2,04,320=
4	Providing and Laying concrete concrete 1:4:8 (cement: 4 sand: 8 graded stone aggregate 25mm nominal size) in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-1 or as directed by the Engineer-In-Charge	6.00			Per cubic meter.	1,22,400=
5	Random rubble masonry stone masonry(un-coursed/brought to courses)with hard stone of approved quality in foundation in cement mortar 1:6 (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-1, as directed by the Engineer-in-Charge.	44.60			Per cubic meter.	9,700=
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-1 as directed by the Engineer-In-Charge	49.68			Per cubic meter.	11,800=
					Total	48,1162=

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

SCHEDULE OF QUANTITY

Name of Work:- R/R Damages on Shalwat Wali Karetly road k.m. 0/0 to 2/00 (S.H:- C/O R/Wall in Wire crate at R.D. 0/800 to 0/830.)

R.D. 0/800 to 0/830.)

Sr. No	Sub-head and item of works.	Quantity	Rate in figures.	Rate in words.	Unit	Amount.	
						Estimate Cost	Earnest Money
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	30.75			Per Cum	2,09,75/-	4200/-
2	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS-280 and IS-4826 in 100 mm x 100 mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 1301 or as directed by the Engineer-In-Charge	93.75			Per Cum		
					Total		0

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

SCHUEDLE OF QUANTITY

Name of work -R/R damages on link road to Harijan Basti Dayarmoli km 0/0 to 0/750(SH- C/O Rwall at RD 0/230 to 0/243)

Estimated cost Rs 492684/-
EARNEST MONEY Rs 9900/-
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.	32.50			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	22.88			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)20 mm 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.	81.90			per cubic metre	
4	Providing weephole in brick masonry plain/reinforced concrete abutment wing wall return wall with 100mm dia AC pipe extending thorough the ful width for the structure with slope i(V) 20(H) towards drawing face complete as per technical specification clause 814 709,1204 3.7 within all leads and lifts as per directions of Engineer in charge	33.00			Each	
5	Back filling behind abutment wing wall and return wall with granular materials complete as per drawing and technical specification clause 1204 3.8 including carriage of materials as per direction of Engineer in charge	5.85			per cubic metre	
	Total:-					

Executive Engineer
B&R Divn HP.PWD
Rohru

SCHEDULE OF QUANTITY

Name of Work: - C/O Palkan Kanda Road k.m. 0/0 to 2/500 (SH: - C/O R/Wall in PCC at R.D. 1/260 to 1/280)

Estimated Cost 2,93,942/-
Earnest Money 5900/-
Time 2 Months

Sub-head and Item of works.	Quantity.	Rate in figures.	Rate in words.	Unit.	Amount.
1 Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD specification of 1990 Volume-I or as directed by the Engineer-In-Charge.	10.60			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	11.40			Per cubic meter	
3 Providing and Laying concrete concrete 1, 6, 12, 16 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, 202 and 1203 including all leads and lifts as per HPPWD specification of 1990 volume-I or as directed by the Engineer-In-Charge	4.80			Per cubic meter	
4 Providing and Laying concrete concrete 1, 3, 6, 16 cement, 3 sand 6 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	47.20			Per cubic meter	
5 Providing weephole in brick masonry/stone masonry plain/reinforcement cement concrete abutment wing wall, return wall with 100mm dia AC pipe extending through the full width of structure with slope of 1(V) 20(H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204, 37	34.72			Each	
				Total	


 Executive Engineer
 B&R, Divn HPPWD
 Rohru

SCHEDULE OF QUANTITY

Estimated cost Rs.27680/-
Earnest Money Rs.5520/-
TIME : one month

Name of work- R/R damages to Machoti Padda Nallah road km 0/0 to 8/0 (SH-C/O B/wall at RD 2/120 to 2/135)	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 within 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.		31.50			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		25.20			per cubic metre	
3 Providing and laying cement concrete 1:6:12 (one cement six sand twelve graded stone aggregate 40mm nominal size for plain/reinforced concrete in open foundation complete as per drawing and technical specification clause 802,803,1202 and 1203 including carriage of materials within all leads and lifts as per directions of Engineer in charge		7.20			per cubic metre	
4 Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:4:8 (One cement: four sand : eight graded crushed stone aggregate) 25 mm specification clauses 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts and other incidentals.		3.00			per cubic metre	
5 Random rubble masonry polygonal rubble masonry uncoursed brought to courses with hard stone of approved quality in foundation and plinth cement mortar 1:6 (cement:6 sand) breast wall and retaining wall within all leads and lifts as per directions of Engineer in charge		27.99			per cubic metre	
6 Construction of dry rubble masonry for retaining walls breast wall revetment walls and parapets etc for sub structure complete as per drawing and technical specification clause 704.6 and 1305 within all leads and lifts as per direction of Engineer in charge		20.86			per cubic metre	
Total:-					Total	

SCHEDULE OF QUANTITY

Estimated cost Rs474241/-
EARNEST MONEY Rs9450/-
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.	25.60			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	27.20			per cubic metre	
3	Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforce 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 oval specification clauses 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation with in all leads and lifts and other incidentals.	2.63			per cubic metre	
4	Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:4.8 (One cement: four sand : eight graded crushed stone aggregate)20 mm 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.	6.88			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 Random masonry in cement mortar 1:5 within all leads and lifts as per directions of Engineer in charge	42.29			per cubic metre	
6	Construction of dry rubble masonry for retaining walls, breast walls,revetment walls and parapets etcetera 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-	53.76			per cubic metre	
7	Brick filling the retaining wall and wing wall and return wall complete as per drawing and technical specification clause 1204.3.8 within all leads and lifts as per directions of Engineer in charge	18.08			per cubic metre	
	Total:-					

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Rohru

SCHEDULE OF QUANTITY

Name of wok:- C/o linkroad Panchha to Kinrada (King Nagar)*SH-F/C 5/7 metre at Rd 0/300 oto 0/5/10)

Estimated cost Rs497437/-
Earnest money Rs 10000/-
Time :-Two month

SINO.	Sub-Head/Item of work.	Quantity	Rate		Unit.	Amount.
			In Figures.	In Words		
1	<p>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 in,e.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 285.17 cubic meter useful stones shall be made @30/-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.</p>	2139.00			per cubic metre	

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Schedule of Quantity

ESTIMATED COST: 4,95,000/-

Earnest Money 990/-

TIME ALLOWED: 15 days.

Samtli

Name of work :- Restoration of rain damages on Jaria Kayara Bhanwa road under Rohru Sub-Division Section ~~Rehu~~ (SH:-SH:-Hiring of Excavator-Cum-Loader(POCK LANE(L&T))

for removal of slip/land slide and dressing of road.)

Sl. No.	Sub-Head and Item of works.	Quantity.	Rate in figures.	Rate in words.	Unit	Amount.
1	Hiring of Excavator-Cum-Loader(POCK LANE(L&T)) with 90 H.P Engine and lifting capacity of minimum 5000 Kms including P.O.L charges, shifting charges and other ancillary equipments as required at site of work for cutting in earth work in all heights in all kinds of soil such as Kankar, moorum shingle boulders decomposed or soft variety of soil such as spade work, pick work, Jumper work, soft rock, hard rock including their intermediate classification of soil including chiselelling/wedging out of rocks etc. where blasting is prohibited including saturated soils including filling in embankments where including consolidating with sheep foot rollers and disposal of this unserviceable materials in all leads and lifts including mechanical transportation if necessary. The disposal of this unserviceable materials has to be done in the acquired width of the road to avoid damage to the properties of the people or in case any damage took place the contractor is liable for it. All salvaged materials such as quarried stone shall belong to the department and maximum useful quantity of stones from cutting work shall have to be neatly stacked along the road side on road burns. The work involves widening from existing width to I.R.C single lane standard width formation width 5 meters in straight and 7 meter in curves as per their radius. Minimum 40 cum of earth work shall be done by the Machine in one hour, other wise number of hour shall be reduced accordingly. The work shall have to be carried out as per Ministry of Transport as per instructions of the Engineer-In-Charge including all leads and lifts.	110.00			Hour	

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Rohru Division, H.P P.W.D.
Rohru.

SCHEDULE OF QUANTITY

Name of Work:- R/R Damages on Rohru Barara Sharog road k.m. 0/0 to 8/00 (SH:- C/O R/Wall in PCC 1:3:6 at R.D. 5/705 to 5/720)

Estimated Cost	4,60,308/-
Ernest Money	9300/-
Time	2 Months

Sub-head and Item of works.	Quantity.	Rate in figures.	Rate in words.	Unit.	Amount.
1 Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD specification of 1990 Volume-I, or as directed by the Engineer-In-Charge.	24.15			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.	15.30			Per cubic meter.	
3 Providing and Laying concrete concrete 1:3:6 (1cement, 3 sand, 6 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.	39.00			Per cubic meter.	
4 Providing weephole in brick masonry/stone masonry plain/reinforcement cement concrete abutment wing wall, return wall with 100mm dia AC pipe extending through the full width of structure with slope of 1(V),20(H) towards drawing face complete as per drawing and technical clauses 14,709,1204,3,7.	8.00			Each.	
5 Clearing and grubbing road land including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300 mm, removal of stumps of such trees out earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150 mm in thickness as per Technical Specification Clause 201, as directed by the Engineer-In-Charge.	2.36			Hac.	
				Total	460308

Executive Engineer,
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SCHUEDLE OF QUANTITY

Earenst Money Rs 426321/-
Earenst Money Rs 8526/-

TIME : Two month

Name of work : - R/R damages to Ganasi Dhar Kadiwn Ghansi road km 0/0 to 11/200 (SHPL G-III in various Reaches at RD various road

Sr Nd	Description of items	Quantity	Rate in Figure.	Rate in Words	per cubic metre	Amount
1	Providing laying spreading and compacting stone aggregates and compacting stone aggregate of specific sizes to water bound macadam specification including spreading in uniform thickness ,hand packing ,rolling with smooth wheel roller 80-100 in stades to proper grade and camber, applying and brooming stone screening/binding materials to fil up the nterstices of coarse aggregate,watering and compacting to the required desnity Grade -3 as per technical specification clause 405 including carriage of materials through all modes of transportation with in all leads and lifts as per diection of Engineer in charge	140.70				
	Total:-					

[Signature]
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B&R Divn HP.PWD
Rohru

DRAFT SCHUEDLE OF QUANTITY

Name of work: R/R damages to Jakhar Tothani Rantari road km 0/0 to 3/0(SH- R/wall at RD 1/240 to 1/260)	
Sr No	

Estimated cost Rs 390066/-
EARNEST MONEY Rs 7981/-
TIME : Two month

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	22.40			per cubic metre	
2	Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with in all leads and lifts as per drawing and Technical Specification Clause 1603.1 and as per the direction of the Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts within all leads and lifts as per directions of Engineer in charge	56.20			per cubic metre	
3	Providing and laying of boulder apron laid in wire crate with 4mm G.I wire conforming to IS 280mm IS 4826 100mm mesh (woven diagonally)including 10 percent extra laps and joints clause 1301 within all leads and lifts as per direction of Engineer in charge	125.00			per cubic metre	
4	Back filling behind the abutment wing wall and return wall complete as per drawing and technical specification 1204.3.8 within all leads and lifts as per direction of Engineer in charge	6.20			per cubic metre	
Total:-				Total :-		

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SCHEDULE OF QUANTITY

Name of work - R/R da,ages udniwas Jakhar Thothani Rantari km 00 to 120(SH-Clo B/wall at RD 5300 to 5320)	
Estimated cost Rs 388093/- EARNEST MONEY Rs 7761/- TIME : Two month	

Sl 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.	140.00			per cubic metre	
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated material in ordinary rocks up to 3 mtr depth within all leads and lifts as per directions of Engineer in charge	33.60			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 specification clauses 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of cement, six sand : twelve graded crushed stone aggregate) 40 mm (forty millimetre) nominal size oval material through all modes of transportation with in all leads and lifts and other incidentals.	9.60			per cubic metre	
4	Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:4:8 (One and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation with in all leads and lifts and other incidentals.	4.00			per cubic metre	
5	Random masonry /stone masonry uncoursed brought to courses with hard stone of approved quality in foundation and plinth in cement mortar 1:6 (cement :sand) complete as per drawing and technical specification clause 702,704 1202 and 1203 HP/PWD specification 1990 volume-1 within all leads and lifts as per direction of Engineer in charge	30.20			per cubic metre	
6	Construction of dry rubble masonry for retaining walls, breast walls, revetment walls and parapets etcetera 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.	32.200			per cubic metre	
Total:-						

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SCHEDULE OF QUANTITY

Name of work : -R/R damages to Jakhar Thakulidhar Besrala Bartu road km 0/0 to 4/0(SH-Maintance of road un lined surface drain and branches bush cutting etc,

Estimated cost Rs319160/-
Earnest money Rs6383/-
Time :- One Month

Sr No.	Sub-head and Item of works.	Quantity.	Rate in figures.	Rate in words	Unit.	Amount
1	Cleaning and cutting road land including uprooting wild vegetation, grass brushes, 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	1.75			per hect.	
2	construction of unlined surface drain of average cross sectional area of 0.40 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	3800		per running metre		


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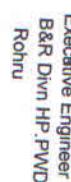
Rohru

SCHUEDLE OF QUANTITY

Name of work :- R/R damages to Udho Niwas Jalkhar road km 0/0 to 12/0 SH-Riwall in wire crate at RD 7/31/5 to 7/33/5)

Estimated cost Rs466060
EARNEST MONEY Rs9320/-
TIME : Two 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, chiseling/wedging out of rock (where blasting is prohibited) as per drawing and MORD technical specification Clause 305.1 within all leads and lifts as per directions of Engineer in charge	101.20			per cubic metre	0
2	Providing and laying of boulder apron laid in wire crastes with 4mm dia G.I wire conforming to I.S 4826 m 100mm mesh (woeiven diagonally) including 10 percent extra for laps and joints with stone boulders weighing not less not less than 25kg each as per drawing and technical clause 301 within all lead and lifts as per directions of Engineer in charge	125.00			per cubic metre	0
3	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	66.00			per cubic metre	0


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466060

SCHEDULE OF QUANTITY

Name of work :- Mehandli tikkar road km 0/0 to 28/560(SH- C/O B/wall at RD 10/945 to 10/965)

Estimated cost Rs 40380/-
Earnest Money Rs 8076/-
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.	47.60			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	32.40			per cubic metre	
3	Providing and laying cement concrete 1:6:12 (one cement six sand twelve graded stone aggregate 40mm nominal size for plain/reinforced concrete in open foundation complete as per drawing and technical spfeciification cause 802.803.1202 and 1203 including carriage of materials within all leads and lifts as per directions of Engineineder in charge	6.46			per cubic metre	
4	Providing and laying mechanical mixed and vibrated cement concrete for plain/ cement concrete in open foundation for all type of structure complete of plain stone aggregate)20 mm specification clauses 802.803.1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportioin with in all leads and lifts and other incidentals.	4.20			per cubic metre	
5	stone Random rubble masonry work in cement mortor 1:6(1cement:6sand)in 702,704,1202 and 1203 including carriage of materials within all leads and lifts as per directions of Engineer in charge	39.64			per cubic metre	
6	Construction of dry rubble masonry for retaining walls, breast wall revetment walls and parapets etc for sub structure complete as per drawing and technical specification clause 704.6 and 1305.within all leads and lifts as per direction of Engineer in charge	34.05			per cubic metre	
	Total:-					

Executive Engineer
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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 km 1/975 to 2/030)

Estimated cost:- 494210.00
Earnest Money:- 9984/-

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 chiselling 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 dimensions or as directed by Engineer in charge for smooth riding. The recovery of useful stones shall be made from the contractor and recovery 359.94 cubic meter useful stones shall be made @ 170/- per cubic meter on prorata basis in each running bill. Any loss to the public and private property during the course of excavation shall be resorted by the contractor what so ever the nature of the same may be. The servicable material will be stacked out specified /dimension in all leads and lifts as per the direction of Engineer in Charge.	2	1627.12	3	4	5	6	per cubic metre

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SCHEDULE OF QUANTITY

Estimated cost Rs 490177/-
Earnest Money Rs 9108/-
TIME : Two month

Name of work -R/R Damages on Dhamwari to Gaiyani road km 0/0 to 30(SH- C10 R/wall at Rd 0/405 to 0/418.75)					
Sr No	Description of Items	Quantity	Rate in Figure.	Rate in Words	unit per cubic metre
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.	14.44			
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	18.98			per cubic metre
3	Providing and laying of boulder apron laid in wire crates with 4mm Dia G.I wire conforming to IS 280 and 4826 in 100mm x 100mm mesh (woven boulder weighing not less than 25kg each as per drawing and technical specification within all leads and lifts as per directions of Engineer in charge)	164.06			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	13.75			per cubic metre
Total:-					

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SCHEDULE OF QUANTITY
Name of Work:- C/O Link road to Baghi k.m. 0/0 to 3/00 (SH:- Widening of narrow reaches, at R.D. 0/675 to 0/720, 1/090 to 1/210, 1/285 to 1/405)

Sr No	Sub Head/Items of work.	Qty	Rate in figures	Rate in world	Unit.	Estimated Cost Earnest Money	Time
1	<p>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 300,1/603,1/1603.2. 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 stones 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 212.40 cum. metre @ Rs 300/- Per cubic metre shall be done on pro-rata basis in each running bill for this item. Any loots 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 lift, as per the direction of Engineer in charge</p>	1593.00			Cum	4,04,279/- 8100/=	2 Months

Total

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 Executive Engineer,
 Rohru Division HP PWD,
 Rohru.

SCHEDULE OF QUANTITY

Name of Work:- R/R Dameges on Chirgaon Gushali Rohal road k.m. 0/0 to 16/00 (S.H:- C/O B/Wall in wire crate at R.D. 8/545 to 8/590.)

Sr. No	Sub-head and item of works.	Quantity.	Rate in figures.	Rate in words.	Estimate Cost	
					Time	Amount.
1	Excavation in soil in Hilly Area in all kind of sand by mechanical means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603 1 and as per HPPWD specification of 1990 Volume 1, or as directed by the Engineer-In-Charge	127.35		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-1 or as directed by the Engineer-In-Charge	23.40		Per Cum.		
3	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS:280 and IS:4826 in 100 mm x 100 mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 1301 or as directed by the Engineer-In-Charge	140.63		Per Cum.		
				Total		


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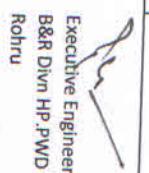
SCHEDULE QUANTITY.

Name of work :- windeing of link road to village Tandali km 0/0 to 1/1500(SH-windeing of narrow reanches at RD 1/150 to 1/165)

Estimated cost:- 111023/-
Earnest Money:- 2220/-

Time :- two months

Sl. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Excavation in earth work in hilly area in all heights and depths in all kinds of soil including saturated soil comprising of mixed soil, ordinary and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side. Water pollution, etc and to protect soil stability of hill side rock shall be excavated with chiseling and wedging our rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to line,grades,slopes,width,camber,super elevation and level as shown on the drawing as per direction of Engineer in Charge in conformity with the requirement of technical specification for rural roads august 2004 clause 16.2 of general conditions of contract to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and stage, disposal of unsuitable cut material in specified manner, trimming filling of unevenness blindage and finishing of the road to specified diamensions or as directed by Engineer in charge for smooth riding. The recovery of useful stones shall be made from the contractor and recovery 82.82 cubic meter useful stones shall be made @170/-per cubic meter on pro rata 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.	318.76		per cubic metre		
					Total:-	


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SCHEDULE OF QUANTITY

Estimate Cost Rs47791/-
Earnest Money Rs958/-
Time Two month

Name of work :-R/R damages to Dhamwari to Goakswari road km 0/0 to 5/300(SH- Providing and laying essential kharanja stone soling Rd 1/800 to 2/045).

Sr.No	Sub-head and item of works.	Quantity.	Rate in figures.	Rate in words.	Unit	Amount.
1	Preparation of sub grade by dressing to camber (Earth work for the cutting involved for sub-grade to be paid for separately depending upon the classification of soil completed as per HP.PWD specifications within all leads and lifts as per directions of Engineer in charge	902.83		Per Sqm		
2	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and rerolling the sub-grade completed as per HP.PWD specifications and as directed by the Engineer in Charge.	902.83		Per Sqm		
3	Stone soling properly hand packed filling interstices with spalls and consolidating with power road roller to the requested gradient and camber including spreading watering and rolling of binding materials moorum earth etc. as per HP.PWD specification 230 mm spread thickness finished work including material and labour within all leads and lifts as per directions of Engineer in charge	207.65		per cubic mtre		
				Total:-		

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Estimated cost Rs476072/-
Earnest Money Rs 9520/-
TIME : Two month

SCHUELDLE OF QUANTITY

Name of work -C/o link road Todsa to HB Limbra km 00 to 2/0 (SH- C/O Bl/wall at RD 1/295 to 1/320					
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 within 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.	52.00			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	40.00			per cubic metre
3	Providing and laying cement concrete 1:6:12 (one cement six sand twelve graded stone aggregate 40mm nominal size for plain/reinforced concrete in open foundation complete as per drawing and technical spfeciification cause 802,803,1202 and 1203 including carriage of materials within all leads and lifts as per directions of Enginendeer in charge	6.75			per cubic metre
4	Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:4:8 (One cement: four sand: eight graded crushed stone aggregate)20 mm nominal specification clauses 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transporation with in all leads and lifts and other incidentals.	5.00			per cubic metre
5	Random rubble masonry polygonal rubble masonry uncoursed /brought to courses with hard stone of approved quality in foundation and plinth cement mortar 1:6(1cement:6sand)breast wall and retaining wall within all leads and lifts as per directions of Engineer in charge	36.70			per cubic metre
6	construction of dry rubble masonry for retaining wall breast wall and paralets etc for sub structure super structure complete as per drawing and technical specification clause 704.6 and 1302.5 within all leads and lifts as per directions of Engineer in charge	46.78			per cubic metre
	Total:-				

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SCHEDULE OF QUANTITY

Estimated cost R357463/-
EARNEST MONEY 7149.00
TIME : Two month

Name of work -Construction of Lakadhar mini Gadham road km 0/0 to 3/0(sH- C/O R/wall at Rd 0/0585 to 0/0596)		Quantity	Rate in Figure.	Rate in Words	unit	Amount
Sr No	Description of items					
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.	16.72			per 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	19.85			per 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 oval 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.	20.90			per per cubic metre	
4	Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:4:8 (One cement: four sand : eight graded crushed stone aggregate)20 mm 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.	1.94			per per cubic metre	
5	Random masonry /stone masonry uncoursed brought to courses with hard stone of approved quality in foundation and plinth in cement mortar 1:6:1 (cement :6 sand) complete as per drawing and technical specification clause 702,704,1202 and 1203 HPPWD specification 1990 volume-I within all leads and lifts as per direction of Engineer in charge	22.29			per per cubic metre	
6	Construction of dry rubble masonry for retaining walls, breast walls,revetment walls and parapets etcetera 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.	29.81			per per cubic metre	
7	Back filling behind abutment wing wall and return wall with granular materials complete as per drawing and technical specification clause 1204.3.8 including carriage of materials as per direction of Engineer in charge	8.25			per per cubic metre	
Total:-				total		

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SCHEDULE OF QUANTITY

Estimated cost Rs 497481/-
Earnest money Rs 10000/-

S.NO.	Sub-Head/Item of work.	Quantity	Rate		Unit.	Amount
			In Figures.	In Words		
1	<p>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 216.57 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.</p>	2179.35			per cubic metre	

Total:-

SCHEDULE OF QUANTITY

Name of Work:- C/O Link road to HB Hanstari Dhar k.m. 0/0 to 1/500 (SH:- C/O R/Wall in wire crate at R.D. 0/810 to 0/830)					Estimate Cos 4,72,513/-
					Earnest Money 9500/-
					Time 2 Month.

Sr. No	Sub-head and item of works.	Quantity.	Rate in figures.	Rate in words.	Unit	Amount.
1	Excavation in soil in Hilly Area in all kind of sand by mechanical means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603 1 and as per HPPWD specification of 1990 Volume-1 or as directed by the Engineer-In-Charge.	58.80			Per Cum.	
2	Earthwork in excavation for structures as per drawing and technical specifications Clause 305 1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a any lead and lift, dressing of sides and bottom and backfilling in trenches with excavated suitable material/useful material available from excavation to be properly stacked and handed over to the department free of cost including all leads and lifts as per HPPWD specification of 1990 volume-1 or as directed by the Engineer-In-Charge.	35.00			Per Cum.	
3	Providing and laying of boulder apron laid in wire crates with 4 mm dia G wire conforming to IS:280 and IS:4826 in 100 mm x 100 mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 1301 or as directed by the Engineer-In-Charge	156.25			Per Cum.	
Total						


 Executive Engineer
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Schedule of Qty				ESTIMATED COST	474004
EARNEST MONEY				9480	
TIME LIMIT:				2 Months	
Sr. No	Description of items.	Qty	Unit	Rate	Amount.
1	2	3	4	5	6
1	Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto 1.5 m and a lead upto 20 m as per drawing and Technical Specification Clause 1603.1	22.5	cum	185.40	
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 and as per HPPWD specification of 1990 volume-l or as directed by the Engineer-in-Charge.	12.25	cum	395.00	
3	Stone masonry in cement mortar for substructure complete as per drawing & technical specification Clause 702,704,1202 and 1204 Random rubble masonry in cement molar(1:6) including carriage of materials with in all leads and lifts as per direction of Engineer-in-Charge.	89.25	cum	5210.00	
	Total				


 Executive Engineer
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A/R & M/O Civil Judge Cum AGJM Building at Rohru (SH:- P/F Tile and manhole chamber)

DNIT			ESTIMATED COST		499271		
TIME LIMIT:			EARNEST MONEY		9985		
Sr. No	Description of items.	Qty	Unit	Rate	In Fig.	In Words	Amount.
2	3	4	each	5	6	7	
1	<p>Constructing brick masonry manhole in cement mortar with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone- III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone- III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2.4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design :inside size 90x80 cm and 45 cm deep</p> <p>including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) With common burnt clay F. P. S. (non modular) bricks of class designation 7.5</p>						
2	<p>Providing and fixing 10 mm thick acid and/or alkali resistant tiles of approved make and colour using acid and/or alkali resisting mortar bedding, and joints filled with acid and/or alkali resisting cement as per IS: 4457, complete as per the direction of Engineer-in-Charge In flooring on a bed of 10 mm thick mortar</p> <p>1.4 (1 acid proof cement : 4 coarse sand)</p> <p>In dado/skirting on 12 mm thick mortar 1.4 (1 acid proof cement : 4 coarse sand)</p> <p>15 mm cement plaster on rough side of single or half brick wall of mix 1:6 (1 cement, 6 coarse sand)</p>						
4	<p>Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS: 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid.</p>	4	Each				
Total							

Signature
Executive Engineer
B&R Division HPPWD
Rohru

Schedule of Qty

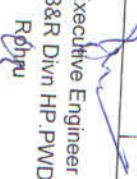
A/R & M/O Civil Judge Cum ACJM Building at Rohru (SH:- Painting and white washing etc.)

Sr. No	Description of items.	Qty	Unit	TIME LIMIT:		
				Rate	In Fig.	In Words
1	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles above 25 mm and up to 40 mm	36.39	sqm			
2	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead	11.32	sqm			
3	Demolishing thatch roofing including mats, bamboo, jaffari etc. complete including stacking of serviceable material and disposal of unserviceable material within 50 metres lead	53.54	sqm			
4	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade New work (two or more coats) over and including water thinnable priming coat with cement primer	3445.82	sqm			
5	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :Two or more coats on new work	424.04	sqm			
	Total					


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SCHEDULE OF QUANTITY

Name of work :- R/R damages kотi Sobinallh road km 0/0 to 1/800(SH- C/O R/wall at RD in wire crate at RD 0/538 to 0/568)		Estimated cost Rs446289/- EARNEST MONEY Rs9000/-	
Sr No		Description of items	
Sr No	Description of items	Quantity	Rate in Figure.
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 within all leads and lifts as per directions of Engineer in charge	48.90	per cubic metre
2	Providing and laying of boulder apron laid in wire crates with 4mm dia G I wire conforming to I.S 4826 m 100mm mesh (wooevenk diagonally)including 10 percent extra for laps and joints with stone boulders weighing not less not less than 25kg each as per drawing and technical clause 301 within all lead and lifts as per directions of Engineer in charge	140.63	per cubic metre
3	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	21.15	per cubic metre


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 Rphu

Earent Money Rs 498132/-
 Earent Money Rs 9963/-
 TIME : Two month

Name of work : - RIR damages to Ganasi Dhar Kaduw Ghansi road km 0/0 to 11/20 (SHP/L G-III in various reaches at RD 6/800 to 8/0)

SCHUEDLE OF QUANTITY		Quantity	Rate in Figure.	Rate in Words	Amount
Sr No	Description of items			per cubic metre	
1	Providing laying spreading and compacting stone aggregate of specific sizes to water bound macadam specification including spreading in uniform thickness ,hand packing ,rolling with smooth wheel roller 80-100 in stages to proper grade and camber ,applying and brooming stone screening/binding materials to fill up the interstices of coarse aggregate,watering and compacting to the required desnity Grade -3 as per technical specification clause 405 including carriage of materials through all modes of transportation with in all leads and lifts as per direction of Engineer in charge	164.84			
	Total				


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Total:-

SCHEDULE OF QUANTITY

Name of work:-C/O link road to Hingori road km 0/0 to 20(SH- formation curving 5/7 metre wide road at RD 0/835 to 0/855)

Estimated cost 146197/-
Earnest money Rs2925/-
Time : Two month

SINO.	Sub-Head/Item of work..	Quantity	Rate		Unit.	Amount.
			In Figures.	In Words		
1	<p>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/land slide. Water pollution, etc and to protect soil (soil may 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/fitting 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 recover 477.90 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 serviceable material will be stacked out specified /dimension in all leads and lifts as per the direction of Engineer in Charge.</p>	326.70			per cubic metre	
					Total:-	

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SCHEDULE OF QUANTITY

Estimated cost Rs405285/-
Earnest Money Rs 8105/-
TIME : Three month

Name of work:-R/R Damages on Rohru Arhal Bashla road (SH- Providing wire mesh at Rd 0/025 to 0/071).				
Sr No	Description of items	Quantity	Rate in Figure.	Rate in Words
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	2.96		per per cubic
2	cement oncrete flooring 1:2:4 (1cement :2sand :4graded stone aggregate finished with floating coat of neat cement inluding cement slurry but including the cost of nosing of steps complete within all leads and lifts as per directions of Engineer in charge	6.86		per per cubic
3	Steel work welded in built up section tusses and frame 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 creating framed guard-bars ladder and riling brackets and similar works within all leads and lifts as per directions of Engineer in charge	1807.29		per kg
4	Providing and fixing G.I chain link fabric fencing of required with in mesh the 50x50mm including strengthening with 2mm dia wire or nuts bolts and washer required complete as per direction of Engineer in charge Mode of G.I wire of dia 4mm within all leads and lifts as per directions of Engineer in charge	110.40		per sqm
Total:-				

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SCHEDULE OF QUANTITY

Name of work :- R/R Damages to Dhara Narpa Pokta road k.m. 00 to 700. (SH:- C/O R/wall in PCC 1:4:8 at R.D. 5/585 to 5/606.50)

Estimated Cost	4,12,873/-
Earnest Money	8300/-
Time	2 Months

Sub-head and Item of works.	Quantity.	Rate in figures.	Rate in words.	Unit.	Amount.
1 Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD, specification of 1990 Volume-I or as directed by the Engineer-In-Charge.	29.03			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	35.48			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	8.82			Per cubic meter	
4 Providing and laying concrete concrete 1:4:8 (1cement: 4 sand: 8 graded stone aggregate 25mm nominal size) in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge	59.13			Per cubic meter	
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, 37	18.00			Each	
				Total	

[Signature]
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