Himachal Pradesh Public Works Department

PW-RD-GA-Tender-2023-24-

To

68-70

dated:- 4-8-20

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

Subject -

Tender notice.

Enclosed please find herewith the tender notice of work as given in the notice inviting tender for uploading on department website as per notification Pr. Secy. (PW) to the Govt. of H.P. letter N. PBW (B) A (3) 1/2020 dated Shimla-2 the 16<sup>th</sup> July 2021.

 Certified that the tender mantioned 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:-2. Date of issue/sale of tender forms:-

3. Date of receipt of tender:-4. Date of opening of tender:- 17.08.2023 upto 1:00PM

17.08.2023 upto 2:00PM to 3.00PM

18.08.2023 upto 3:30PM

18.08.2023 upto 4:00PM

Sr. No.	Name of work	Estimated Cost	Earnest Money	Time
1	R/R damages on Jakhar basrala Thakulidhar Bartu road km.0/0 to 3/500 (SH:-C/O B/wall in wire crate at RD, 0/050 to 0/070)	401939	8100	1 Month
2	R/R damages on Machoti Paddanallah road km.0/0 to 9/0 (SH:- C/O B/wall in wire crate at RD. 1/395 to 1/405 and R/Wall at RD. 1/550 to 1/560)	397018	8000	1 Month
3	R/R damages on Machoti Paddanallah road km.0/0 to 9/0 (SH:- C/O R/wall in wire crate at RD. 1/090 to 1/105)	385278	7800	1 Month
4	R/R damages on Kansakoti Kutara Dalgaon road km.0/0 to 15/300 (SH:-C/O R/wall in wire crate at RD.4/330 to 4/347)	412026	8300	1 Month
5	R/R Damages on Rohru Arhal Bashla Road km 0/0 to 11/600 (SH:- C/O B/Wall at R/D 3/415 to 3/460)	435108	8800	1 Month
6	R/R Damages on Thamtari Junidhar Naunapani road km . 0/0 to 4/500 (SH:- C/O B/Wall in P.C.C 1:3:6 at RD 0/300 to 0/320)	337445	6800	1 Month
7	R/R Damages on Annu Thamtari road km . 0/0 to 1/250 (SH:- C/O R/Wall at RD 0/85 to 0/90 ).	391986	7900	1 Month
8	R/R Damages on Podhar Mandeori road km. 0/0 to 12/00 (SH:- C/O B/Wall at RD 11/375 to 11/397)	418497	8400	1 Month
9	R/R Damages on Podhar mandeori road km. 0/0 to 13/00 (SH:- C/O B/Wall in wire crate at RD 11/105, 11/120)	191016	3900	1 Month
10	R/R Damages on link road Karalash Kanchi to ALP Sankyak Gad. (SH:- C/O B/Wall in P.C.C 1:3:6 at RD 0/005 to 0/020)	252617	5100	I Month
11	R/R Damages on Parsa Shekhal road km.0/0 to 12/500 (SH:- C/O B/Wall in wire crate at RD 0/440 to 0/452.50)	183196	3700	1 Month
12	R/R Damages on Parsa Lower Kothi Chhupari road km.0/0 to 10/0 (SH:- C/O B/Wall in wire crate at RD 0/250 to 0/265)	294927	5900	1 Month
13	R/R Damages on Parsa Lower Kothi Chhupari road km.0/0 to 10/0 (SH:- C/O B/Wall in wire crate at RD 1/240 to 1/265)	481101	9700	I Month
14	R/R Damages on Parsa Lower Kothi Chhupari road km.0/0 to 10/0 (SH:- C/O R/Wall in wire crate at RD 3/150 to 3/165 and B/wall 4/660 to 4/680 ,4/705 to 4/720)	484366	9700	1 Month
15	R/R Damages on Bakhirna Panu Thyantu road km.0/0 to 3/0 (SH:- C/O R/Wall in wire crate at RD 2/340 to 2/380	386919	7800	1 Month
16	R/R Damages on Bhotwari Hingwala Gawas road km.0/0 to 7/0 (SH:- C/O R/Wall in wire crate at RD 3/855 to 3/885)	435089	8800	1 Month
17	R/R Damages on Bakirna Thyantu Panu road km.0/0 to 3/0 (SH:- C/O B/Wall at RD 2/180 to 2/210)	489379	9800	I Month
18	R/R Damages on Parsa Shekhal road km.0/0 to 10/0 (SH:- C/O B/Wall in wire crate at RD 5/720 to 5/730 & 6/180 to 6/210)	402148	8100	1 Month
19	R/R damages on Dara to Kanpandli road km. 0/0 to 1/0 (SH:-C/O R/wall at RD.0/65 to 0/072)	489770	9800	1 Month
20	R/R Damages on Machoti Dhara Kui road km.0/0 to 9/0 (SH:- C/O R/wall at RD.3/980 to 3/992)	490239	9900	I Month
21	R/R Damages on Machoti Saras road km.0/0 to 5/0 (SH:-C/O R/wall at RD.1/135 to 1/145 and 1/850 to 1/865)	400072	8100	1 Month
22	R/R Damages on Bhaloon Kainchi Kui road km.0/0 to 9/0 (SH:- C/O R/wall in wire crate at RD.4/920 to 4/951)	468664	9400	1 Month
23	R/R Damages on Narkanda Baggi Khadrala Sungri Rohru road km.0/0 to 67/0 (SH:-C/O R/wall in wire crate at RD.58/555 to 58/565)	325127	6600	1 Month

24	R/R Damages on Jagothi Nallah Anrawthi road km.0/0 to 6/0 (SH:-C/O R/wall in wire crate at RD.0/430 to 0/452.5)	400072	8100	1 Month
25	R/R Damages on Machoti Saras road km.0/0 to 5/0 (SH:-C/O R/wall at RD.0/950 to 0/972.50)	400072	8100	I Month
26	R/R damages on Andhra to Gyari road km. 0/0 to 7/0 (SH:- Removal of slips at various reaches 0/195 to 4/135)	460886	9300	1 Month
27	R/R damages on Andhra to Gyari road km. 0/0 to 7/0 (SH:- Removal of slips at various reaches 4/195 to 4/435)	469683	9400	I Month
28	R/R damages on Dawana Koftu Rafad Sharithach road (SH:- Hiring of Pocklane LNT with Breaker for maintenance of road, removal of slips and breaking of boulders)	495000	9900	1 Month
29	R/R damages on Dawana Koftu Rafad Sharithach road (SH:- Hiring of tipper for carriage of muck)	495000	9900	1 Month
30	R/R Damages on Narkanda Baggi Khadrala Sungri Rohru road km.0/0 to 67/0 (SH:-C/O R/wall in wire crate at RD.30/175 to 30/195)	400072	8100	1 Month
31	R/R Damages on Khadrala Bejeshal road km.0/0 to 4/0 (SH:-C/O R/wall in wire crate at RD.2/175 to 2/195 )	365329	7400	1 Month
32	R/R damages on Link road to HB. Jhatwari km 0/0 to 0/300 (SH:- C/O R/Wall in PCC, At RD. 0/130 to 0/140)	272844	5500	1 Month
33	R/R damages on Tutu Pani Kuthari Khalager Gansi road km 0/0 to 19/0 (SH:- C/o R/Wall at RD 16/250 to 16/290)	455430	9108	1 Month

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

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

- 1. The Earnest-money for the above works should be submitted with the application for the purchase of the tender-documents.
- The Contractors should quoted the rates of all the items in the tenders both in figures and words.
- 3. Income tax & GST No latest clearance certificate.
- 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

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

NO .- PW-RD-AB-Tender /2023-24 6470 - 6569

Copy forwarded for information and wide publicity to:-

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

Dated: - 4-8-2023

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

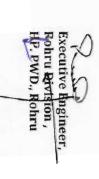
#### SCHDUEL OF QUANTITY

of work:- R/R damages on Jakhar Besrala Thakulidhar Bartu road km 0/0 to 3/50 rate at RD. 0/050 to 0/070)  Description Of Items  Excavation in hilly areas in soil by manual means. Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposingt of excavated earth with in all leads and lifts as per drawing and Technical Specifications. Earthwork in excavation for structures as per drawing and technical specifications.	rate at RD. 0/050 to 0/070)  Description Of Items  Excavation in hilly areas in soil by manual means. Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposingt of excavated earth with in all leads and lifts as per drawing and Technical Specifications.  Solution (SH:- C/o B/Wa Particular P	/500 (SH:- C/o  Quantity a by 105.00  ited 30.00
	Quantity Rate	

Executive Engineer, Rohru Division, His PWD, Rohru

#### SCHDUEL OF QUANTITY

	1/39	Name of <u>work :-</u> R/R damages on Machoti Paddanallah road km.0/0 to 9/0 (SH:-C/O B/wall in wire 1/395 to 1/405 and R/Wall at RD. 1/560 to 1/105.50)	ın wire	crate at RD.	Estimated Cost Earnest Money Time	Rs. 3,97,018 Rs. 8000.00 one Month	Rs.3,97,018.00 Rs. 8000.00 one Month
reas in soil by manual means. Excavation in soil in Hilly Area by ang cutting and trimming of side slopes and disposingt of excavated and lifts as per drawing and Techical Specifications (ause 1603.1).  Per oublic meter.  In for structures as per drawing and technical specifications (g setting out, construction of shoring and bracing, removal of eterious material and disposal upto a any lead and lift, dressing and backfilling in trenches with excavated suitable al available from excavation to be properly stacked and handed of the crates with excavated suitable and IS.4826 in 100 mm x 100 mm mesh (woven diagonally) extra for laps and joints laid with stone boulders weighing not as per drawing and technical specifications Clause 1301or as eer-In-Charge  Int concrete (1:3:6) in open foundation completed as per experiment wing wall and return complete as per drawing and return complete as per drawing and meter.  In the original property of the Engineer In the cubic meter.  Per oublic meter.  Per oublic meter.  Per oublic meter.  15:00  Per oublic meter.  Per oublic meter.  Per oublic meter.  Per oublic meter.	Sr No		uantity			Unit	Amount
manual means including cutting and trimming of side slopes and disposingt of excavated earth with in all leads and lifts as per drawing and Techical Specification Clause 1603.1  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-1 or as directed by the Engineer-In-Charge enconforming 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 specification clause 1301or as directed by the Engineer-In-Charge endianterinforced cement concrete (1:3:6) in open foundation completed as per drawings and technical specification clauses 802,803,1202 & 1203. as directed by the Engineer-In-Charge.  Back filling behind abutment wing wall and return complete as per drawing and technical specification including all leads and lifts as per directed by the Engineer In Charge.	_	reas in soil by manual means. Excavation in soil in Hilly Area by	29.93			Per	
earth with in all leads and lifts as per drawing and Techical Specification Clause 1603.1  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 HPPVDD, specification of 1990 volume-I or as directed by the Engineer-In-Charge  Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS:280 and IS:4826 in 100 mm x 100 mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 1301or as directed by the Engineer-In-Charge  Plain/reinforced cement concrete (1:3:6) in open foundation completed as per drawings and technical specification clauses 802,803,1202 & 1203. as directed by the Engineer In Charge.  Back filling behind abutment wing wall and return complete as per drawing and technical specification including all leads and lifts as per directed by the Engineer In Charge.		manual means including cutting and trimming of side slopes and disposingt of excavated				cubic	
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  Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS:280 and IS:4826 in 100 mm x 100 mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 1301or as directed by the Engineer-In-Charge  Plainfreinforced cement concrete (1:3:6) in open foundation completed as per drawings and technical specification clauses 802,803,1202 & 1203. as directed by the Engineer In Charge.  Back filling behind abutment wing wall and return complete as per drawing and technical specificastion including all leads and lifts as per directed by the Engineer In Charge.		earth with in all leads and lifts as per drawing and Techical Specification Clause 1603.1				meter.	
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  Providing and laying of boulder apron laid in wire crates with 4 mm dia Gl wire conforming to IS:280 and IS:4826 in 100 mm x 100 mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 1301or as directed by the Engineer-In-Charge  Plainfreinforced cement concrete (1:3:6) in open foundation completed as per drawings and technical specification clauses 802,803,1202 & 1203. as directed by the Engineer In Charge.  Back filling behind abutment wing wall and return complete as per drawing and technical specificastion including all leads and lifts as per directed by the Engineer In 15.00  Charge.	٥	Englishment in expectation for attractions on non-drawing and technical associations	200				
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 Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS:280 and IS:4826 in 100 mm x 100 mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 1301or as directed by the Engineer-In-Charge Plain/reinforced cement concrete (1:3:6) in open foundation completed as per drawings and technical specification clauses 802,803,1202 & 1203. as directed by the Engineer In Charge.  Back filling behind abutment wing wall and return complete as per drawing and technical specificastion including all leads and lifts as per directed by the Engineer In Charge.		Clause 305.1 including setting out, construction of shoring and bracing, removal of				cubic	
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  Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS:280 and IS:4826 in 100 mm x 100 mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 1301or as directed by the Engineer-In-Charge  Plain/reinforced cement concrete (1:3:6) in open foundation completed as per drawings and technical specification clauses 802,803,1202 & 1203. as directed by the Engineer -In Charge.  Back filling behind abutment wing wall and return complete as per drawing and technical specificastion including all leads and lifts as per directed by the Engineer In Charge.		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				meter.	
specification of 1990 volume-I or as directed by the Engineer-In-Charge  Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS:280 and IS:4826 in 100 mm x 100 mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 1301or as directed by the Engineer-In-Charge  Plain/reinforced cement concrete (1:3:6) in open foundation completed as per drawings and technical specification clauses 802,803,1202 & 1203. as directed by the Engineer -In Charge.  Back filling behind abutment wing wall and return complete as per drawing and technical specificastion including all leads and lifts as per directed by the Engineer In Charge.		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,					
Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS:280 and IS:4826 in 100 mm x 100 mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 1301or as directed by the Engineer-In-Charge  Plain/reinforced cement concrete (1:3:6) in open foundation completed as per drawings and technical specification clauses 802,803,1202 & 1203. as directed by the Engineer -In Charge.  Back filling behind abutment wing wall and return complete as per drawing and technical specificastion including all leads and lifts as per directed by the Engineer In Charge.		specification of 1990 volume-I or as directed by the Engineer-In-Charge					
including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 1301or as directed by the Engineer-In-Charge  Plain/reinforced cement concrete (1:3:6) in open foundation completed as per drawings and technical specification clauses 802,803,1202 & 1203. as directed by the Engineer -In Charge.  Back filling behind abutment wing wall and return complete as per drawing and technical specificastion including all leads and lifts as per directed by the Engineer In Charge.	ω	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire	93.75			Per	
less than 25 kg each as per drawing and technical specifications Clause 1301or as directed by the Engineer-In-Charge  Plain/reinforced cement concrete (1:3:6) in open foundation completed as per drawings and technical specification clauses 802,803,1202 & 1203. as directed by the Engineer -In Charge.  Back filling behind abutment wing wall and return complete as per drawing and technical specificastion including all leads and lifts as per directed by the Engineer In Charge.		conforming to IS:280 and IS:4826 in 100 mm x 100 mm mesh (woven diagonally)				cubic	
directed by the Engineer-In-Charge  Plain/reinforced cement concrete (1:3:6) in open foundation completed as per drawings and technical specification clauses 802,803,1202 & 1203. as directed by the Engineer -In Charge.  Back filling behind abutment wing wall and return complete as per drawing and technical specificastion including all leads and lifts as per directed by the Engineer In Charge.		less than 25 kg each as per drawing and technical specifications Clause 1301or as				meter.	
Plain/reinforced cement concrete (1:3:6) in open foundation completed as per drawings and technical specification clauses 802,803,1202 & 1203. as directed by the Engineer -In Charge.  Back filling behind abutment wing wall and return complete as per drawing and technical specificastion including all leads and lifts as per directed by the Engineer In Charge.		directed by the Engineer-In-Charge					
drawings and technical specification clauses 802,803,1202 & 1203. as directed by the Engineer -In Charge.  Back filling behind abutment wing wall and return complete as per drawing and technical specificastion including all leads and lifts as per directed by the Engineer In Charge.	4	Plain/reinforced cement concrete (1:3:6) in open foundation completed as per	12.00			Per	
Engineer -In Charge.  Back filling behind abutment wing wall and return complete as per drawing and technical specificastion including all leads and lifts as per directed by the Engineer In Charge.		drawings and technical specification clauses 802,803,1202 & 1203. as directed by the				cubic	
Back filling behind abutment wing wall and return complete as per drawing and technical specificastion including all leads and lifts as per directed by the Engineer In Charge.		Engineer -In Charge.				meter.	
al specificastion including all leads and lifts as per directed by the Engineer In	S	Back filling behind abutment wing wall and return complete as per drawing and	15.00			Per	
		technical specificastion including all leads and lifts as per directed by the Engineer In				cubic	
						meter.	
		charge.					



Rs. 3,85,278.00 Rs. 7800.00

## SCHDUEL OF QUANTITY

Name of work:- R/R damages on Machoti Paddanallah road km.0/0 to 9/0 (SH:-C/O R/wall in wire crate at RD. Estimated Cost 1/090 to 1/105.5) **Earnest Money** 

Sr No	Sr No Description Of Items  1 Excavation in hilly areas in soil by manual means. Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposingt of excavated earth with in all leads and lifts as per drawing and Techical Specification Clause 1603.1	yd oy	yd oy	Q 90 P	by Dy
N	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a any lead and lift, dressing of sides and bottom and backfilling in trenches with excavated suitable material useful material available from excavation to be properly stacked and handed over to the department free of cost including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge		23.25	23.25	23.25
ω	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS:280 and IS:4826 in 100 mm x 100 mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 1301or as directed by the Engineer-In-Charge		121.09	121.09	121.09
4	Back filling behind abutment wing wall and return complete as per drawing and technical specificastion including all leads and lifts as per directed by the Engineer In Charge.		11.63	11.63	11.63

Executive Engineer, Rohru Division, HB PWD., Rohru

SCHDUEL OF QUANTITY

Name of work: R/R damages on Kansakoti Kutara Dalgaon road km.0/0 to 15/300 (SH:-C/O R/wall in wire

Nam	Name of work :- R/R damages on Kansakoti Kutara Dalgaon road km.0/0 to 15/300 (SH:-C/O R/wall in wire crate at RD.4/330 to 4/347)	t/wall in wire		Estimated Cost Earnest Money Time
N	Sr No Description Of Items	ua	Quantity Rate	Rate
_	reas in soil by manual means. Excavation in soil in Hilly Area by ng cutting and trimming of side slopes and disposingt of excavated and lifts as per drawing and Techical Specification Clause 1603.1	9		
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	5	15.30	15.30
ω	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS:280 and IS:4826 in 100 mm x 100 mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 1301or as directed by the Engineer-In-Charge	9	79.68	79.68
4	1:3:6) in open foundation completed as per n clauses 802,803,1202 & 1203. as directed by the	Õ	20.40	20.40
O1	Back filling behind abutment wing wall and return complete as per drawing and technical specificastion including all leads and lifts as per directed by the Engineer In Charge.	12	12.75	12.75
	Total			

Executive Engineer, Rohru Division, He, PWD., Rohru

## SCHDUEL OF QUANTITY

C: N	Cr. No Description Of Itoms	0	=		Aime
_	Excavation in hilly areas in soil by manual means. Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposingt of excavated	ted	d	D D	d
2	Earthwork in excavation for structures as per drawing and technical specifications		28.35	+	+
	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	ng	ed ng	ed ng	ed ng
ω	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire		140.00	140.00	140.00
	including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 1301or as	S	σ÷ 	ν <del>-</del>	ν <del>-</del>

Executive Engineer, Rohru Division , HP. PWD. Rohru

## SCHDUEL OF QUANTITY

Name of work:-R/R Damages on Thamtari Junidhar Naunapani road km. 0/0 to 4/500 (SH:-C/O B/Wall in P.C.C. 1:3:6 at RD 0/300 to 0/320)  Sr No Description Of Items  1 Excavation in hilly areas in soil by manual means. Excavation in soil in Hilly Area by 22.80 manual means including cutting and trimming of side slopes and disposingt of excavated earth with in all leads and lifts as per drawing and Techical Specification Clause 1603.1	dhar Naunapani road km . 0/0 to 4/500 (SH:- C/O B/Wall in Estimated Cost Earnest Money Time    Quantity   Rate     Rate
Quantity Rate 22.80 16.80	y Rate
	Estimated Cost Earnest Money Time

Executive Engineer.
Rohru Effision,
He. PWD., Rohru

## SCHDUEL OF QUANTITY

1 Excavation in hilly areas in soil by manual means. Excavation in soil in Hilly manual means including cutting and trimming of side slopes and disposingt of exearth with in all leads and lifts as per drawing and Techical Specification Clause 1 Clause 305.1 including setting out, construction of shoring and technical specification of sides and other deleterious material and disposal upto a any lead and lift, dor sides and bottom and backfilling in trenches with excavated suitable material useful material available from excavation to be properly stacked and over to the department free of cost including all leads and lifts, as per HPPWE specification of 1990 volume-I or as directed by the Engineer-In-Charge drawings and technical specification clauses 802,803,1202 & 1203. as directed Engineer-In Charge.  4 Plain/reinforced cement concrete (1:3:6) in open foundation completed as per drawing sand technical specification clauses 802,803,1202 & 1203. as directed Engineer-In-Charge.  5 Back filling behind abutment wing wall and return complete as per drawing and technical specificastion including all leads and lifts as per directed by the Engineer-In-Charge.	tion Of Forms	Omani	1	1	Date	Time
	Sr No Description Of Items	Quantit	ntity	ntity Rate	4	4
	<b>Excavation in hilly areas in soil by manual means</b> . Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposingt of excavated earth with in all leads and lifts as per drawing and Techical Specification Clause 1603.1		11.40	1	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	13.20	20	20	20	Per cubic meter.
	Plain/reinforced cement concrete (1:3:6) in open foundation completed as per drawings and technical specification clauses 802,803,1202 & 1203. as directed by the Engineer -In Charge.	52.50 le	00	50	50	Per cubic meter.
	Back filling behind abutment wing wall and return complete as per drawing and technical specificastion including all leads and lifts as per directed by the Engineer In Charge.	6.30	0	0		Per cubic meter.
Providing weephole in brick masonary/stone masonry, plain/reinforcerr concrete abutment, wing wall, return wall with 100mm dia AC pipe exter the full width of structure with slop of 1(V);20(H) towards drawing face per drawing and technical specification clauses614,709,1204.3.7.	Providing weephole in brick masonary/stone masonry plain/reinforcement cement concrete abutment, wing wall, return wall with 100mm dia AC pipe extending through the full width of structure with slop of 1(V);20(H) towards drawing face complete as per drawing and technical specification clauses614,709,1204.3.7.	20.00	8	00	00	00 Each

Executive Engineer, RohruDivision, HP. PWD., Rohru

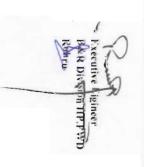
# SCHEDULE OF QUANITITY Earnest Money:-8400/Time:-One Month NAME OF WORK--: R/R damages on Podhar Mandeori road km. 0/0 to 12/0 (SH:-C/O R/wall at RD.11/375 to 11/397) Job No. 🔰 🔗

	6	s	4	w	2	-	Sr.no.
	Construction of dry rubble masonary for retaining wall, brest walls, reveniment walls and parapets etc for sub-structure and super structure complete as per drawings and technical specification Clauses 704.6,1302.5 as directed by the Engineer-in-Change	Stone masonary in cement mortar for sub structure complete as as per drawings and technical specification Clauses 702, 704,1202 and 1204 rendam rubble masonary in cement mortar 1 6 as directed by the Engineer-in-Change	Plain/reinforced cement concrete (1:4/8) in open foundation complete as per drawings and technical specification Clauses 802, 803, 1202 and 1203 as directed by the Engineer-in-Change	Plain/rem/orced cement concrete (1.6.12) in open foundation complete as per drawings and technical specification Clauses 802, 803, 1202 and 1203 as directed by the Engineer-in-Change	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 as directed by the Engineer-in-Change	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. Las directed by the Engineer-in-Change	Item of work
	27.82	37.32	3.80	9.60	37.80	42.00	Quantity
							figure
Total:-							Rate in words
	Cum	Cum	Cum	Cum	Cum	Cum	Unit
0	0	0	0	0	o	O	Amount

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Item of work	F WORK: R/R damages on Podhar Mandeori road km. 0/0 to 13/0 (SH:-C/O R/wall in wire crate at RD.11/105 to 11/120)		SCHEDULE OF QUANITITY	
Quantity	vall in wire crate			
Rate in	at RD.11/105	Time:-One !	Earnest Mo	Estimated Cost:-19
Rate in words	to 11/120)	Month	ney:-3900/-	ost:-191016/-
Unit				
Amount				

	NAME OF WOR	Sr.no.	l Excavatio slopes and drawing a		2 Earthwork 305 I incl other delet and backf Change	
SCHEDULE OF QUANTITY	NAME OF WORK: R/R damages on Podhar Mandeori road km. 0/0 to 13/0 (SH:-C/O R/wall in wire crate at RD.11/1/05 to 11/1/20)	Item of work	Exeavation in soil in Hilly Area by manual means including entling and trimming of side slopes and disposing of exeavated earth with a lift upto 1.5 m and a lead upto 20 m as per drawing and Technical Specification Clause 1603.1 as directed by the Engineer-in-Change	Earthwork in exeavation 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	Change	Change  Change  Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to 1S: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 as directed by the Engineer-in-Change
	in wire crate	Quantity	25.00	12.60		62.50
Time: One Month	at RD.11/105 to	Rate in figure				
y:-3900/- onth	11/120)	Rate in words				
		Unit	Cum	Cum	Cum	
		Amoun	. 0	0	0	2



Job No 19 9

SCHEDILL	SCHEDULE OF QUANITITY		NAME OF WORK: R/R Damages on link road Karalash Kanchi to ALP Sankyak Gad. (SH:- C/O B/Wall in P.C.C 1:3:6 at RD 0/005 to 0/020)	Sr.no. Item of work	Excavation in soil in Hilly Area by manual means including cutting and trimming of side	drawing and Technical Specification Clause 1603.1 as directed by the Engineer-in-Change	drawing and Technical Specification Clause 1603.1 as directed by the Engineer-in-Change  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 as directed by the Engineer-in-Change		
ALILIN	NITITY		nchi to ALP Sankyak Gad. (SH:- C/O B/	Quantity	g cutting and trimming of side 17.10 5 m and a lead upto 20 m as per ected by the Engineer-in-Change	1	acing, removal of stumps and the first state of stumps and the first state of states and bottom at at as directed by the Engineer-in-	and and	s te in-
Estimated Cost:-252617/-	Earnest Money:-5100/-	Time:-One Month	Wall in P.C.C 1:3:6	ity Rate in figure					
ost:-252617/-	iey:-5100/-	Ionth	at RD 0/005 to 0/020)	Rate in words					
				Unit	Cum	Cum		Cum	Cum
				Amount	0	0		0	0 0



Job No.10

		NAME	Sr.no.	-	2	ယ	-4	
SCHEDULE OF QUANTITY		NAME OF WORK: R/R Damages on Parsa Shekhal road km.0/0 to 12/500 (SII:- C/O B/Wall in wire crate at RD 0/440	Item of work	Exervation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of exervated earth with a lift upto 1.5 m and a lead upto 20 m as per drawing and Technical Specification Clause 1603.1 as directed by the Engineer-in-Change	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 as directed by the Engineer-in-Change	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to 18:280 and 18:4826 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 as directed by the Engineer-in-Change	Providing and laying of stone filling behind the retaining wall and return walls as per drgs. And tech spees. As per clause 1990 volume-1 as directed by the Engineer-in-Change	
		l in wire crate	Quantity	8.37	9.37	58.59	8.50	
Estimated Cost:-183195/- Earnest Money:-3700/-	Time:-One Mo	at RD 0/440 to 0	Rate in figure					
t:-183195/- y:-3700/-	Month	to 0/452.50)	Rate in words					Total:-
			Unit	Cum	Cum	Cum	Cum	
			Amount	0	0	0	0	0



oad km.0/0 to 10/0 (SH:- C/O B/Wall)  Quantity  and trimming of side lead upto 20 m as per the Engineer-in-Change  I specifications Clause moval of stumps and of sides and bottom eted by the Engineer-in- eted by the Engineer-in- th 4 mm dia GI wire esh (woven diagonally) uiders weighing not less esh (woven diagonally) uiders weighing not less esh (and return walls as exted by the Engineer-		SCHEDULE OF QUANITITY		Earnest Money:-5900/-	ev:-5900/-	
words				Time:-One M	lonth	
words	VANIE	OF WORK -: R/R Damages on Parsa Lower Kothi Chhupari road km.0/0 to 10/0 (SH:-	C/O B/Wall	in wire crate at	RD 0/250 to 0/265)	
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 as directed by the Engineer-in-Change  Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and technical specifications Clause 305.1 including setting out, construction of shoring and technical specifications Clause 305.1 including setting out, construction of shoring and technical specifications Clause 305.1 including and disposal upto a lead of 50 m, dressing 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 as directed by the Engineer-in-Change  Providing and laying of boulder apron laid in wire crates with 4 mm dia Gl wire conforming to 18:280 and 18:4826 in 100 mm x 100 mm mesh (woven diagonally) meluding and technical specifications Clause 1301 as directed by the Engineer-in-Change  Providing and laying of stone filling behind the retaining wall and return walls as per drgs. And tech specs. As per clause 1990 volume-1 as directed by the Engineer-in-Change	Sr.no.	Item of work	Quantity	Rate in figure	Rate in words	Unit
Farthwork 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 as directed by the Engineer-in-Change  Providing and laying of boulder apron laid in wire crates with 4 mm dia Gl 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 as directed by the Engineer-in-Change  Providing and laying of stone filling behind the retaining wall and return walls as per drags. And tech specs. As per clause 1990 volume-1 as directed by the Engineer-in-Change	_	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 as directed by the Engineer-in-Change	74	·		
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 as directed by the Engineer-in-Change  Providing and laying of stone filling behind the retaining wall and return walls as per drgs. And tech spees. As per clause 1990 volume-1 as directed by the Engineer-in-Change	12	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 as directed by the Engineer-in-Change				Cum
Providing and laying of stone filling behind the retaining wall and return walls as per drgs. And tech specs. As per clause 1990 volume-1 as directed by the Engineer-in-Change	ω.	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 as directed by the Engineer-in-Change				Cum
	4	Providing and laying of stone filling behind the retaining wall and return walls as per drgs. And tech spees. As per clause 1990 volume-1 as directed by the Engineer-in-Change				Cum

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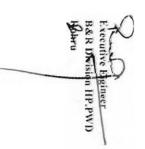
	NAME	Sr.no.	-	60 8 6 34 5	ω 	4	
SCHEDULE OF QUANITITY	NAME OF WORK: R/R Damages on Parsa Lower Kothi Chhupari road km.0/0 to 10/0 (SH:- C/O B/Wall in wire crate	ltem of work	Exeavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of exeavated earth with a lift upto 1.5 m and a lead upto 20 m as per drawing and Technical Specification Clause 1603.1 as directed by the Engineer-in-Change	Earthwork in exeavation 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 as directed by the Engineer-in-Change	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to 18.280 and 18.4826 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 as directed by the Engineer-in-Change	Providing and laving of stone filling behind the retaining wall and return walls as per drgs. And tech spees. As per clause 1990 volume-1 as directed by the Engineer-in-Change	
	- C/O B/Wall	Quantity	23.25	18.75	156.25	18.75	
Earnest Money:-9700/- Time:-One Month	in wire crate at h	Rate in figure					
ney:-9700/-	at RD 1/240 to 1/265)	Rate in words					Total:-
		Unit	Cum	Cum	Cum	Cum	
		Amount	0	0	0	0	0

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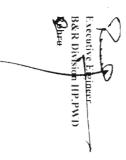
	SCHEDULE OF QUANITITY			ost:-484366/- ney:-9700/- Month		
ME	NAME OF WORK R/R Damages on Parsa Lower Kothi Chhunari road km 0/0 to 10/0 /SH C/O R/Wall in wire crate	IIeWa O()	Time:-One	2 3	Month at RD 3/150 to 3/165 and R/wall 4/6	Month  at RD 3/150 to 3/165 and R/wall 4/660 to 4/680, 4/705 to 4/770)
Sr.no.	Item of work	Quantity	Rate in figure		Rate in words	Rate in words Unit
	Exeavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of exeavated earth with a lift upto 1.5 m and a lead upto 20 m as per drawing and Technical Specification Clause 1603.1 as directed by the Engineer-in-Change	98.00				Cum
ю	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 as directed by the Engineer-in-Change	32.95				Cum
G <sub>3</sub>	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to 1S: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 as directed by the Engineer-in-Change	e 156.24				Cum
4	Providing and laying of stone filling behind the retaining wall and return walls as per drgs. And tech spees. As per clause 1990 volume-1 as directed by the Engineer-	5.55				Cum
	in-Change			-	-	

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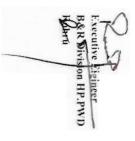
NAME OF WORK—:-R/R Damages on Bakhirma Panu Thyantu road km.0/0 to 3/0 (SH:-C/O R/Wall in wire craft at RD 2/380)  Sr.no.    Item of work   Quantity   Rate in slopes and disposing of excavated earth with a lift upto 1.5 m and a lead upto 20 m as per drawing and Technical Specification Clause 1603.1 as directed by the Engineer-in-Change   108 00		SCHEDULE OF QUANITITY		Earnest Money:-7800/-	oney:-7800/- Month	
Item of work  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 as directed by the Engineer-in-Change  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 as directed by the Engineer-in- Change  Providing and laying of boulder apron laid in wire crates with 4 mm dia Gl wire conforming to 18.280 and 18.4826 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 as directed by the Engineer-in-Change  Providing and laying of stone filling behind the retaining wall and return walls as per drgs. And tech spees. As per clause 1990 volume-1 as directed by the Engineer- in-Change	INV	WORK: - R/R Damages on Bakhirna Panu Thyantu road km.0/0 to 3/0 (SH:- C	O R/Wall in w	ire crate	at RD 2/3	at RD 2/340 to 2/380)
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 as directed by the Engineer-in-Change  Earthwork in excavation for structures as per drawing and technical specifications Clause 24.80 and backfilling in trenches with excavated suitable material, as directed by the Engineer-in-Change Providing and laying of boulder apron laid in wire crates with 4 mm dia Gl wire conforming to 18.280 and 18.4826 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 as directed by the Engineer-in-Change  Providing and laying of stone filling behind the retaining wall and return walls as per dray. And tech spees. As per clause 1990 volume-1 as directed by the Engineer-in-Change	Sr.no	Item of work	Openity	E	To in	Date in words
Execavation 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 as directed by the Engineer-in-Change  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 as directed by the Engineer-in-Change  Providing and laying of boulder apron laid in wire crates with 4 mm dia Gl wire conforming to 18:280 and 18:4826 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 as directed by the Engineer-in-Change  Providing and laying of stone filling behind the retaining wall and return walls as per drgs. And tech spees. As per clause 1990 volume-1 as directed by the Engineer-in-Change				- fig	figure	
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 as directed by the Engineer-in-Change  Providing and laying of boulder apron laid in wire crates with 4 mm dia Gl wire conforming to 18 280 and 18 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 as directed by the Engineer-in-Change  Providing and laying of stone filling behind the retaining wall and return walls as per drags. And tech spees. As per clause 1990 volume-1 as directed by the Engineer-in-Change	-	avation in soil in Hilly Area by manual means including cutting and trimming of side are and disposing of excavated earth with a lift upto 1.5 m and a lead upto 20 m as per wing and Technical Specification Clause 1603.1 as directed by the Engineer-in-Chang				
Providing and laying of boulder apron laid in wire crates with 4 mm dia Gl wire conforming to 1S 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 as directed by the Engineer-in-Change  Providing and laying of stone filling behind the retaining wall and return walls as per drgs. And tech spees. As per clause 1990 volume-1 as directed by the Engineer-in-Change	2	thwork in excavation for structures as per drawing and technical specifications Clause. I including setting out, construction of shoring and bracing, removal of stumps and or deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom backfilling in trenches with excavated suitable material as directed by the Engineeringe				
	- U	viding and laying of boulder apron laid in wire crates with 4 mm dia GI with forming to 18 280 and 18 4826 in 100 mm x 100 mm mesh (woven diagonal uding 10 per cent extra for laps and joints laid with stone boulders weighing not laid to 25 kg each as per drawing and technical specifications Clause 1301 as directed by incer-in-Change		1/106-11	•	
	4	widing and laying of stone filling behind the retaining wall and return walls as drgs. And tech spees. As per clause 1990 volume-1 as directed by the Enginee Change	7			



NAM Sr.no.	SCHEDULE OF QUANITITY  OF WORKR/R Damages on Bhotwari Hingwala Gawas road  Item of work	km.0/0 to 7/0 (SH:- C/	km.0/0 to 7/0 (SH:- C/O R/Wall in v	Estimated Co Earnest Mon Time:-One M  Skm.0/0 to 7/0 (SH:- C/O R/Wall in wire crate at RI  Quantity Rate in	- 3
Sr.no.	Item of work		Quantity	Quantity Rate in figure	Quantity Rate in Rate in words
1	Exeavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of exeavated earth with a lift upto 1.5 m and a lead upto 20 m as per drawing and Technical Specification Clause 1603.1 as directed by the Engineer-in-Change	per per nange	per ange	22.50	22.50
2	Earthwork in excavation for structures as per drawing and technical specifications Clause 305. I 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 as directed by the Engineer-in-Change	use d m	use 22.50 d d m n:-in-	ii e	ii e
ω	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 as directed by the lingureer-in-Change	wire nally) of less oy the	wire 140.62 mally) of less, by the		
Ł.	Providing and laying of stone filling behind the retaining wall and return walls as per drgs. And tech specs. As per clause 1990 volume-1 as directed by the Engineer in-Change	s as ineer-	s as 16.50 incer-	•	•
					Total:-



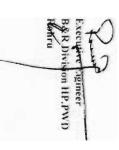
	4	w	2	_	Sr.no.	NAME				
	Providing weephole in brick masonary /stone masonary .plain/ rainforced concrate abutment wing wall, return wall with 100mm dia AC pipe extending through the full width of the structures with slpoe of 1 (V):20(H) towards drawing face complete as per drawings and technical specification Clauses614,709,1204.3.7.as directed by the Engineer-in-Change	Providing and laying Plain/reinforced cement concrete (1.4.8) 40mm nominal size in open foundation complete as per drawings and technical specification Clauses 802, 803, 1202 and 1203 as directed by the Engineer-in-Change	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 as directed by the Engineer-in-Change	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 as directed by the Engineer-in-Change	Item of work	NAME OF WORK -: R/R Damages on Bakirna Thyantu Panu road km.0/0 to 3/0 (SH:- C/O B/Wall at RD 2/180 to 2/210)		SCHEDULE OF QUANTITY		
	35.00	87.60	24.60	54.00	Quantity	/Wall at RD				
					Rate in figure	2/180 to 2/210)	Time:-One Month	Earnest Money:-9800/-	Estimated Cost:-489379/-	
Total:-					Rate in words		oth	v:-9800/-	t:-489379/-	
	Z. 6.	Cum	Cum	Cum	Unit					
0	G	0	0	0	Amount					1010



Item of work  Item of work  Quantity in soil in Hilly Area by manual means including cutting and trimming of side lisposing of excavated earth with a lift upto 1.5 m and a lead upto 20 m as per lisposing of excavated earth with a lift upto 1.5 m and a lead upto 20 m as per lisposing of excavated earth with a lift upto 1.5 m and a lead upto 20 m as per lisposing of excavated earth with a lift upto 1.5 m and a lead upto 20 m as per lisposing of excavated earth with a lift upto 1.5 m and a lead upto 20 m as per lisposing of excavated sure le603.1 as directed by the Engineer-in-Change ling setting out, construction of shoring and trechnical specifications Clause ling setting out, construction of shoring and trechnical specifications of stumps and lisposing of sure lisposal upto a lead of 50 m, dressing of sides and bottom ling in trenches with excavated suitable material as directed by the Engineer-in- lind laying of boulder apron laid in wire crates with 4 mm dia GI wire loss lisposand lisposal upto a lead of 50 mm mesh (woven diagonally) loss per cent extra for laps and joints laid with stone boulders weighing not less lach as per drawing and technical specifications Clause 1301 as directed by the lisposand laying of stone filling behind the retaining wall and return walls as lisposand technical specifications as directed by the Engineer- lisposand technical specifications and return walls as lisposand technical specifications and return walls as lisposand technical specifications and return walls as lisposand technical specifications as directed by the Engineer- lisposand technical specifications and return walls as lisposand lis	SCHEDULE OF OUA	ALLLIN		Estimated Cost:-402148/- Earnest Money:-8100/-	it:-402148/- v:-8100/-	
NANE OF WORK—:-R/R Damages on Parsa Shekhal road km.0/0 to 10/0 (SH:- C/O B/Wall in wire crate at RD 5/720 to 5/730 & 6/180 to 6/210)  Scano.   Item of work   Item of work   Quantity   Rate in   Rate in words	SCHEDULE OF QUANITITY	NITITY		Time:-One Month	y:-8100/- onth	
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 as directed by the Engineer-in-Change  Farthwork in excavation for structures as per drawing and technical specifications Clause 30.00 of the deleterious material and disposal upto a lead of 50 m. dressing of sides and bottom and backfilling in trenches with excavated suitable material as directed by the Engineer-in-Change 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 as directed by the Engineer-in-Change Providing and laying of stone filling behind the retaining wall and return walls as per dray. And tech specs. As per clause 1990 volume-1 as directed by the Engineer-in-Change	NAME OF WORK-:-R/R Damages on Parsa Shekhal road k	m.0/0 to 10/0 (SH:- C/O B/Wall in	wire crate at	RD 5/720 to 5/7	730 & 6/180 to 6/210)	
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 as directed by the Engineer-in-Change  Earthwork in excavation for structures as per drawing and technical specifications Clause 30.5.1 including setting out, construction of shoring and technical specifications Clause other detectious material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material as directed by the Engineer-in-Change  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 as directed by the Engineer-in-Change  Providing and laying of stone filling behind the retaining wall and return walls as per drags. And tech specs. As per clause 1990 volume-1 as directed by the Engineer-in-Change			Quantity	Rate in figure	Rate in words	
Farthwork 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 as directed by the Engineer-in-Change  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 as directed by the Engineer-in-Change  Providing and laying of stone filling behind the retaining wall and return walls as per drgs. And tech specs. As per clause 1990 volume-1 as directed by the Engineer-in-Change	1 Excavation in soil in Hilly Area by manual means includi slopes and disposing of excavated earth with a lift upto 1 drawing and Technical Specification Clause 1603.1 as di	ng cutting and trimming of side 5 m and a lead upto 20 m as per ected by the Engineer-in-Change	174.80			
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 nm 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 as directed by the Engineer-in-Change  Providing and laying of stone filling behind the retaining wall and return walls as per drgs. And tech specs. As per clause 1990 volume-1 as directed by the Engineer-in-Change		technical specifications Clause racing, removal of stumps and n. dressing of sides and bottom ial as directed by the Engineer-in-	30.00			
		crates with 4 mm dia GI wire 0 mm mesh (woven diagonally) stone boulders weighing not less ms Clause 1301 as directed by the	125.00			
		ning wall and return walls as -1 as directed by the Engineer-		r		



		NAME OF WOL	Sr.ne.	l Excavati slopes an drawing	2 Earthwor 305.1 inc other dele and back Change	3 Plain/reir technical Change	4 Plain/reir technical Change	Stone ma technical mortar 1:	6 Construct parapets specifical	7 Providin with gran 1204.3.8	Enginee
SCHEDULE OF QUANTITY		NAML OF WORK: R/R damages on Dara to Kanpandli road km. 0/0 to 1/0 (SH:-C/O R/wall at RD 0/65 to 0/072)	Item of work	Exervation 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 as directed by the Engineer-in-Change	Earthwork in exeavation 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 as directed by the Engineer-m-Change	Plain/reinforced cement concrete (1:6:12) in open foundation complete as per drawings and technical specification Clauses 802, 803, 1202 and 1203 as directed by the Engineer-in-Change	Plain/reinforced cement concrete (1.4.8) in open foundation complete as per drawings and technical specification Clauses 802, 803, 1202 and 1203 as directed by the Engineer-in-Change	Stone masonary in cement mortar for sub structure complete as as per drawings and technical specification Clauses 702, 704,1202 and 1204 rendam rubble masonary in cement mortar 1:5, as directed by the Engineer-in-Change	Construction of dry rubble masonary for retaining wall, brest walls, reventment walls and parapets etc.for sub-structure and super structure complete as per drawings and technical specification Clauses 704 6,1302 5, as directed by the Engineer-in-Change	Providing and laying of back filling behind abutment wing wall and return walls with granular material complete as perdrawings & technical specification clause 1204.3.8 including carriage of material with in all leads and lift as direction by of Engineer-in-Change	
		at RD.0/65 to	Quantity	i 4.64	10.80	8 64	5.16	31.72	40 32	\$ 80	
	One M	0 0/072)	Rate in figure								
t:-489770/- y:-9800/-	onth		Rate in words								Total.
			l'air	Cuna	Cum	Cum	Cum	Cum	Cum	Cum	
			Amount	O	0	0	0	0	0	0	0



Job No. 20

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 as directed by the Engineer-in-Change 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 as directed by the Engineer-in-Change Plain/reinforced cement concrete (1.6.12) in open foundation complete as per drawings and technical specification Clauses 802. 803. 1202 and 1203 as directed by the Engineer-in-Plain/reinforced cement concrete (1.4.8) in open foundation complete as per drawings and technical specification Clauses 802. 803. 1202 and 1203 as directed by the Engineer-in-Plain/reinforced cement concrete (1.4.8) in open foundation complete as per drawings and technical specification Clauses 702. 704.1202 and 1203 rendam rubble masonary in cement mortar 16 as directed by the Engineer-in-Change  Stone masonary in cement mortar for sub structure complete as per drawings and technical specification Clauses 704.1302.5 as directed by the Engineer-in-Change  Stone masonary lineary for returning wall brest walls reventment walls and parapets etc. for sub-structure and super structure complete as per drawings and technical specification clauses 704.6.1302.5 as directed by the Engineer-in-Change  Providing and laying of back filling behind abutment wing wall and return walls with granular material complete as perdrawings & technical specification clause 1204.3.8 including carriage of material with in all leads and lift as direction by of Engineer-in-Change	10CH.	SCHEDULE OF QUANITITY			Earnest Money	Earnest Money:-9900/-	Earnest Money:-9900/-
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 as directed by the Engineer-in-Change  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 as directed by the Engineer-in-Change  Plain/reinforced cement concrete (1.6.12) in open foundation complete as per drawings and technical specification Clauses 802, 803, 1202 and 1203 as directed by the Engineer-in-Change  Stone masonary in cement mortar for sub-structure complete as per drawings and enhineal specification Clauses 702, 704, 1202 and 1203 rendam rubble masonary in cement mortar 1.6 as directed by the Engineer-in-Change  Construction of dry rubble masonary for retaining wall 1203 rendam rubble masonary in cement mortar for sub-structure complete as per drawings and technical specification Clauses 704, 704, 1202 and 1203 rendam rubble masonary in cement mortar for sub-structure complete as per drawings and technical specification Clauses 704, 61302.5 as directed by the Engineer-in-Change  Providing and laying of back filling behind abutment wing wall and return walls and 25, 20 with granular material complete as perdrawings & technical specification clauses 120, 43, 8 including carriage of material with in all leads and lift as direction by of Engineer-in-Change	NAME	WORK: R/R Damages on Machoti Dhara Kui road km.0/0 to 9/0 (SH:-C/O R/wal	II at RD.3/980	Time:-One M	ne M	One Month	ne M
Exeavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of exeavated earth with a lift upto 1.5 m and a lead upto 20 m as per drawing and Technical Specification Clause 1603 I as directed by the Engineer-in-Change  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 as directed by the Engineer-in-Change  Plain/reinforced cement concrete (1.6.12) in open foundation complete as per drawings and technical specification Clauses 802, 803, 1202 and 1203 as directed by the Engineer-in-Change  Phain/reinforced cement concrete (1.4.8) in open foundation complete as per drawings and technical specification Clauses 802, 803, 1202 and 1203 as directed by the Engineer-in-Change  Stone masonary in cement mortar for sub structure complete as per drawings and technical specification Clauses 702, 704, 1202 and 1203 rendam rubble masonary in cement mortar 1:6 as directed by the Engineer-in-Change  Construction of dry rubble masonary for retaining wall brest walls, reventment walls and parapets etc. for sub-structure and super structure complete as per drawings and technical specification Clauses 704.6,1302.5 as directed by the Engineer-in-Change  Providing and laying of back filling behind abutment wing wall and return walls with granular material complete as perdrawings & technical specification by of Engineer-in-Change	Sr.no.	ltem of work	Quantity	Rate	re in	in Rate in words	e a
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 as directed by the Engineer-in-Change  Plain/reinforced cement concrete (1.6.12) in open foundation complete as per drawings and technical specification Clauses 802, 803, 1202 and 1203 as directed by the Engineer-in-Change  Stone masonary in cement mortar for sub structure complete as per drawings and technical specification Clauses 702, 704,1202 and 1203 rendam rubble masonary in cement mortar 1:6 as directed by the Engineer-in-Change  Construction of dry rubble masonary for retaining wall, brest walls, reventment walls and parapets etc. for sub-structure and super structure complete as per drawings and technical specification Clauses 704,6.1302.5 as directed by the Engineer-in-Change  Providing and laying of back filling behind abutment wing wall and return walls with granular material complete as perdrawings & technical specification clause 1204.3.8 including carriage of material with in all leads and lift as direction by of Engineer-in-Change	-	cavation in soil in Hilly Area by manual means including cutting and trimming of side pes and disposing of excavated earth with a lift upto 1.5 m and a lead upto 20 m as per awing and Technical Specification Clause 1603.1 as directed by the Engineer-in-Change	9.60				Cum
Plain/reinforced cement concrete (1.6-12) in open foundation complete as per drawings and technical specification Clauses 802, 803, 1202 and 1203 as directed by the Engineer-in-Change  Plain/reinforced cement concrete (1.4.8) in open foundation complete as per drawings and technical specification Clauses 802, 803, 1202 and 1203 as directed by the Engineer-in-Change  Stone masonary in cement mortar for sub structure complete as as per drawings and technical specification Clauses 702, 704, 1202 and 1203 rendam rubble masonary in cement mortar 1:6, as directed by the Engineer-in-Change  Construction of dry rubble masonary for retaining wall, brest walls, reventment walls and parapets etc for sub-structure and super structure complete as per drawings and technical specification Clauses 704, 6,1302.5, as directed by the Engineer-in-Change  Providing and laying of back filling behind abutment wing wall and return walls with granular material complete as perdrawings & technical specification clause 1204.3.8 including carriage of material with in all leads and lift as direction by of Engineer-in-Change	2	rthwork in exeavation for structures as per drawing and technical specifications Clause 5.1 including setting out, construction of shoring and bracing, removal of stumps and ier deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom d backfilling in trenches with excavated suitable material as directed by the Engineer-in-ange	13.92				Cum
Plain/reinforced cement concrete (1.4.8) in open foundation complete as per drawings and technical specification Clauses 802, 803, 1202 and 1203 as directed by the Engineer-in-Change  Stone masonary in cement mortar for sub structure complete as as per drawings and technical specification Clauses 702, 704, 1202 and 1203 rendam rubble masonary in cement mortar 1:6 as directed by the Engineer-in-Change  Construction of dry rubble masonary for retaining wall, brest walls, reventment walls and parapets etc. for sub-structure and super structure complete as per drawings and technical specification Clauses 704.6.1302.5 as directed by the Engineer-in-Change  Providing and laying of back filling behind abutment wing wall and return walls with granular material complete as perdrawings & technical specification clause 1204.3.8 including carriage of material with in all leads and lift as direction by of Engineer-in-Change	نبا	ain/reinforced cement concrete (1.6.12) in open foundation complete as per drawings and thinical specification Clauses 802, 803, 1202 and 1203 as directed by the Engineer-inange					Cum
Stone masonary in cement mortar for sub structure complete as as per drawings and technical specification Clauses 702, 704, 1202 and 1203 rendam rubble masonary in cement mortar 1:6, as directed by the Engineer-in-Change  Construction of dry rubble masonary for retaining wall, brest walls, reventment walls and parapets etc. for sub-structure and super structure complete as per drawings and technical specification Clauses 704.6.1302.5, as directed by the Engineer-in-Change  Providing and laying of back filling behind abutment wing wall and return walls with granular material complete as perdrawings & technical specification clause 1204.3.8, including carriage of material with in all leads and lift as direction by of Engineer-in-Change	4	in/reinforced cement concrete (148) in open foundation complete as per drawings and hinical specification Clauses 802, 803, 1202 and 1203 as directed by the Engineer-in-ange					Cum
Construction of dry rubble masonary for retaining wall, brest walls, reventment walls and parapets etc. for sub-structure and super structure complete as per drawings and technical specification Clauses 704 6.1302.5 as directed by the Engineer-in-Change  Providing and laying of back filling behind abutment wing wall and return walls with granular material complete as perdrawings & technical specification clause 1204.3.8 including carriage of material with in all leads and lift as direction by of Engineer-in-Change	Ú),	one masonary in cement mortat for sub structure complete as as per drawings and chnical specification Clauses 702, 704-1202 and 1203 rendam rubble masonary in cement of the frequency of the Engineer-in-Change					Cum
Providing and laying of back filling behind abutment wing wall and return walls with granular material complete as perdrawings & technical specification clause 1204.3.8 including carriage of material with in all leads and lift as direction by of Engineer-in-Change	6	instruction of dry rubble masonary for retaining wall, brest walls, reventment walls and rapets etc. for sub-structure and super structure complete as per drawings and technical perfication Clauses 704 6.1302.5 as directed by the Engineer-in-Change					Cum
	7	oviding and laying of back filling behind abutment wing wall and return walls th granular material complete as perdrawings & technical specification clause 04.3.8 including carriage of material with in all leads and lift as direction by of gincer-in-Change	29.40				Cum



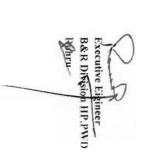
	4	O)	2	Sr.no.	NAME				
	Providing and laying of stone filling behind the retaining wall and return walls as per drgs. And tech spees. As per clause 1990 volume-1 as directed by the Engineer-in-Change	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS:280 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 as directed by the Engineer-in-Change	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 as directed by the Engineer-in-Change	Item of work	NAME OF WORK:-R/R Damages on Machoti Saras road km.0/0 to 5/0 (SH:-C/O R/wall at RD.1/135 to 1/145 and 1/850 to 1/865)		SCHEDULE OF QUANITITY		
	28.13	105.47	30.94	Quantity	RD.1/135 to 1				
				Rate in figure	/145 and 1/850	Time:-One Month	Earnest Money:-8000/-	Estimated C	
Total:-				Rate in words	to 1/865)	Month	ney:-8000/-	Estimated Cost:-400072/-	
	Cum	Cum	Cum	Unit					
0	0	0	o	Amount					1 - 0.20 1 000



Job No 30 2/

NAME OF WORK—: R/R Damages on Bhaloon Kainchi Kui road km.0/0 to 9/0 (SH:-C/O R/wall in wire crate at RD.4/920 to 4/951)  Name  Learthwork in excavation for structures as per drawing and technical specifications Clause  Change  Providing and laving of boulder apron laid in wire crates with 4 mm dia Gl wire conforming 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 laying of back filling behind abutment wing wall and return walls with granular material complete as perdrawings & technical specification by of Engineer-in-Change  Engineer-in-Change  Earthwork in excavation for structures as per drawing and technical specifications Clause 70.68  Quantity Rate in words  Guantity Rate in words  Figure  70.68  Providing and laving of boulder apron laid in wire crates with 4 mm dia Gl wire conforming to 15.280 and 15.4826 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 as directed by the Engineer-in-Change  Providing and laving of back filling behind abutment wing wall and return walls with granular material complete as perdrawings & technical specification clause 1301 as direction by of Engineer-in-Change		Esti	Estimated Cost:-468664/-	468664/-		
	SCHEDULE OF QUANITITY	Ear	nest Money:	.9400/-		
		Tim	e:-One Mon	th th		
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 as directed by the Engineer-in-Change of boulder apron laid in wire crates with 4 mm dia Gl wire conforming to 15.280 and 15.4826 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 as directed by the Engineer-in-Change Providing and laying of back filling behind abutment wing wall and return walls with granular material complete as perdrawings & technical specification clause 1304.3.8 including carriage of material with in all leads and lift as direction by of Engineer-in-Change	NAME OF WORK: R/R Damages on Bhaloon Kainchi Kui road km.0/0 to 9/0 (SH:-C/O F	/wall in wire crate at	RD.4/920 to 4	/951)		
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 as directed by the Engineer-in-Change 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 as directed by the Engineer-in-Change  Providing and laying of back filling behind abutment wing wall and return walls with granular material complete as perdrawings & technical specification clause 1204.3.8 including carriage of material with in all leads and lift as direction by of Engineer-in-Change	Sr.no. Item of work	Quantity R	ate in		vords	vords ('nit
Providing and laying of boulder apron laid in wire crates with 4 mm dia Gl wire conforming to 18.280 and 18.4826 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 as directed by the Engineer-in-Change  Providing and laying of back filling behind abutment wing wall and return walls with granular material complete as perdrawings & technical specification clause 1204.3.8 including carriage of material with in all leads and lift as direction by of Engineer-in-Change	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 as directed by the Engineer-i Change					Cum
Providing and laying of back filling behind abutment wing wall and return walls with granular material complete as perdrawings & technical specification clause 1204.3.8 including carriage of material with in all leads and lift as direction by of Engineer-in-Change						Cum
			17.			Cum





			Estimated Cost:-400072/	:-400072/-	
	SCHEDULE OF QUANTITY		Earnest Money:-8000/-	:-8000/-	
			Time:-One Month	nth	
NAMEO	NAME OF WORK-:-R/R Damages on Jagothi Nallah Anrawthi road km.0/0 to 6/0 (SH:-C/O R/wall in wire crate at RD.0/430 to 0/452.5)	R/wall in wire	crate at RD.0/43	0 to 0/452.5)	
Sr.no.	Item of work	Quantity	Rate in figure	Rate in words	Unit
, a o 3 i	Farthwork in excavation for structures as per drawing and technical specifications Clause 305.) 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 as directed by the Engineer-in-Change.	30.94			Cum
3 Providing and laying conforming to IS 2 including 10 per central 25 kg each as p	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 as directed by the	105,47			Cum

Providing and laying of stone filling behind the retaining wall and return walls as per drgs. And tech spees. As per clause 1990 volume-1 as directed by the Engineer-

28.13

Cum

0

Total:-

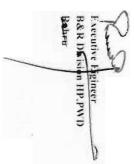
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in-Change



Job No 34 25

	SCHEDULE OF QUANITITY		Earnest Money:-8000/-	-8000/-	
			Time:-One Month	ıth	
NAME	NAME OF WORK:-R/R Damages on Machoti Saras road km.0/0 to 5/0 (SH:-C/O R/wall at RD.0/950 to 0/972.50)	RD.0/950 to 0/	972.50)		
Sr.no.	Item of work	Quantity	Rate in figure	Rate in words	Unit
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 as directed by the Engineer-in-Change.	30.94			Cum
lui.	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 as directed by the linguineer-in-Change	105 47			Cum
4	Providing and laying of stone filling behind the retaining wall and return walls as per drgs. And tech spees. As per clause 1990 volume-1 as directed by the Engineer-in-Change	28.13			Cum
				Total:-	



			Engilled-In-Change	
		2003.85	Removal of slides in hilly area in grdinary rock not requiring blasting by machineal means including cutting and trimming of slops and disposal of cut material with in lift upto 105m and lead upto 1000m as per technical specification 302.3.5 and 1611 as directed by the	-
	figure			
Rate in words	Rate in	Quantity	Item of work	Sr.no.
to 4/135)	is reaches 0/195 to	lips at variou	NAME OF WORK:-R/R damages on Andhra to Gyari road km. 0/0 to 7/0 (SH:- Removal of slips at various reaches 0/195	MANIE
1th	Time:-One Month			
v:-9300/-	Earnest Money		SCHEDULE OF QUANITITY	
st:-460886/-	Estimated Cost			

Executive Higineer
B&R Division HP.PW.D.

Total:-

0

Cum

Unit

Amount

Job No 39 22

	_	Sr.no.	NAME			
	Removal of slides in hilly area in qrdinary rock not requiring blasting by machnical means including cutting and trimming of slops and disposal of cut material with in lift upto 105m and lead upto 1000m as per technical specification 302.3.5 and 1611 as directed by the Engineer-in-Change	Item of work	NAME OF WORK:-R/R damages on Andhra to Gyari road km. 0/0 to 7/0 (SH:- Removal of slips at various reaches 4/195		SCHEDULE OF QUANITITY	
	2042.10	Quantity	slips at variou			
		Rate in figure	us reaches 4/195	Time:-One Month	Earnest Mone	Estimated Cost:-469683/-
Total:-		Rate in words	to 4/435)	onth	1ey:-9400/-	st:-469683/-
	Cum	Unit				

Job No.48 27

Amount

0

0

Executive Ethineer
B&R Division HP.PWD
Rahru

SCHEDULE OF QUANITITY

Estimated Cost:-495000/-Earnest Money:-10000/-

NAME OF WORK-:-R/R damages on Dawana Koftu Rafad Sharithach road (SH:-Hiring of Pocklane LNT with Breaker for maintenance of road, removal of slips and breaking of boulders) Time:-110 Hours

Sr.no.	I Hiri inch site e shin work maci be de in ca quar reme in or to be inch
Item of work	Hiring of JCB (Excavator cum Loader Pock lane having bucket capacity 5000 kmgs including P.O.L charges and shifing changes and other ancliary aquipments as required at site of work for removal of slips in all heights in all kinds of soil such as kankar moorum shingle boulders decomposed or soft variety of soil such as spade work, pick work jumper work, soft rock hard rock including their intermediate classification of soil including machineal transportation of necessary. The disposal of this up-serviceable material has to be done in the required width of the road to aviod damage to the properties of the people or in case any damage took place the contractor is lible for it, all salvaged material such as quarried stone shall belong to the department and meximum useful quantity of stones from removal of slips shall have to be neatly stacked along road side on shall be done by machine in one hour, other wise number of hour shall be reduced accordingly. The work shall have to be carried out as per Ministry of Transport as per instruction of the Engineer in Changer including
Quantity	110.00
Rate in figure	
Rate in words	
Unit	Ewn Hour
Amount	0

Executive Elejaner

B&R DNisidn HP.PWD

Rohru

	-	Sr.no.	INVN				
	Hiring of Tipper for carriage of material having capacity 400cft including P.O.L. charges shifting changes and other ancillary aquipment at site of work. The work shall have to carriage out as per ministry of transport specification of Eigineer-in-Charge with in all leads and lift.	Item of work	NAME OF WORK:- R/R damages on Dawana Koftu Rafad Sharithach road (SII:- Hiring of tipper for carriage of muck) Jak		SCHEDULE OF QUANITITY		
	75.00	Quantity	ipper for carr				
		Rate in figure	age of muck) J	Time:-75 Days	Earnest Money:-10000/-	Estimated Cost:-495000/-	
Total:-		Rate in words	Amendo	S	y:-10000/-	st:-495000/-	
	Per Day	Unit					
0	0	Amount					
1		1	1	1	1	1	1

Executive Ligineer

B&R Derson HP.PWD

Rohru

Job No. 44 29

	w	10		Sr.no.	NAME				
	Providing and laying of stone filling behind the retaining wall and return walls as per drgs. And tech spees. As per clause 1990 volume-1 as directed by the Engineer-in-Change	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 as directed by the Engineer-in-Change	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 as directed by the Engineer-in-Change	Item of work	NAME OF WORK:-R/R Damages on Narkanda Baggi Khadrala Sungri Rohru road km.0/0 to 67/0 (SH:-C/O R/wall in		SCHEDULE OF QUANITITY		
	28.13	105.47	30.94	Quantity	to 67/0 (SH:-C				
				Rate in figure		Time:-One M	Earnest Money:-8000/-	Estimated Cost:-400072/-	
Total:-				Rate in words	wire crate at RD.30/175 to 30/195)	Month	ey:-8000/-	st:-400072/-	
	Cum	Cum	Cum	Unit					
0	0		0	Amount					JOH INDIAN

Executive Eigineer

B&B DNison HP.PWD

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NAME OF WORK:-R/R Damages on Khadrala Bejeshal road km.0/0 to 4/0 (SH:-C/O R/wall in wire crate at RD.2/175 to 2/195)  Sr.no.    Item of work   Item of work   Quantity   Rate in   Rate in words		SCHEDULE OF QUANITITY		Estimated Cost:-365329/- Earnest Money:-7400/-	st:-365329/- ey:-7400/-		
				Time:-One Month	onth		
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 as directed by the Engineer-in-Change  Providing and laying of boulder apron laid in wire crates with 4 mm dia Gl wire conforming to 1S 280 and 1S: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 as directed by the Engineer-in-Change  Providing and laying of stone filling behind the retaining wall and return walls as per drawing and technical specifications will and return walls as 28.13  Providing and laying of stone filling behind the retaining wall and return walls as 28.13	NAME OF	NORK: -R/R Damages on Khadrala Bejeshal road km.0/0 to 4/0 (SH:-C/O R/wall	in wire crate	at RD.2/175 to	2/195)		
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 as directed by the Engineer-in-Change Providing and laying of boulder apron laid in wire crates with 4 mm dia Gl wire conforming to 15 280 and 15:4826 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 as directed by the Engineer-in-Change  Providing and laying of stone filling behind the retaining wall and return walls as per drags. And tech specs. As per clause 1990 volume-1 as directed by the Engineer-in-Change	Sr.no.	Item of work	Quantity	Rate in figure	Rate in	words	words Unit
Providing and laying of boulder apron laid in wire crates with 4 mm dia Gl wire conforming to 18 280 and 18:4826 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 as directed by the Engineer-in-Change  Providing and laying of stone filling behind the retaining wall and return walls as per drgs. And tech spees. As per clause 1990 volume-1 as directed by the Engineer-in-Change	I Earn 305 othe and Cha	twork in excavation for structures as per drawing and technical specifications Clause I including setting out, construction of shoring and bracing, removal of stumps and redeterious material and disposal upto a lead of 50 m, dressing of sides and bottom backfilling in trenches with excavated suitable material as directed by the Engineer-inge	27.50				Cum
Providing and laying of stone filling behind the retaining wall and return walls as per drgs. And tech spees. As per clause 1990 volume-1 as directed by the Engineer-in-Change		iding and laying of boulder apron laid in wire crates with 4 mm dia GI wire orming to IS 280 and IS:4826 in 100 mm x 100 mm mesh (woven diagonally) ding 10 per cent extra for laps and joints laid with stone boulders weighing not less 25 kg each as per drawing and technical specifications Clause 1301 as directed by the neer-in-Change	93.75				Cum
		oiding and laying of stone filling behind the retaining wall and return walls as drgs. And tech spees. As per clause 1990 volume-1 as directed by the Engineer-hange	28.13				Cum

Executive Vigineer
B&R Division HP.PWD
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Job No.47 31

## SCHDUEL OF QUANTITY

Name 0/130	Sr No	7	N 0 7 0 % 0 F	ω	4	5	7.0
Name of work: R/R damages on Link road to HB. Jhatwari km 0/0 to 0/300 (SH:- C/O R/Wall in PO 0/130 to 0/140)	Sr No Description Of Items	reas in soil by manual means. Excavation in soil in Hilly Area by ng cutting and trimming of side slopes and disposingt of excavated and lifts as per drawing and Techical Specification Clause 1603.1	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	Plain/reinforced cement concrete (1:6:12) in open foundation completed as per drawings and technical specification clauses 802,803,1202 & 1203. as directed by the Engineer -In Charge.	Plain/reinforced cement concrete (1:4:8) in open foundation completed as per drawings and technical specification clauses 802,803,1202 & 1203. as directed by the Engineer -In Charge.	Providing weephole in brick masonary/stone masonry plain/reinforcement cement concrete abutment, wing wall, return wall with 100mm dia AC pipe extending through the full width of structure with slop of 1(V):20(H) towards drawing face complete as per drawing and technical specification clauses614,709,1204.3.7.	Back filling behind abutment wing wall and return complete as per drawing and technical specificastion including all leads and lifts as per directed by the Engineer In
all in PCC	Quantity		16.70	0.32	39.30	24.31	5.60
CC. At RD.	Rate						
Estimated Cost Earnest Money Time							
Rs. 3,91,986 Rs. 7900.00 one Month	Unit	Per cubic meter.	Per cubic meter.	Per cubic meter	Per cubic meter.	Each	Per cubic meter.
Rs. 3,91,986.00 Rs. 7900.00 one Month	Amount						

Executive Engineer, Rohra Division, Hg. PWD., Rohru

Jeb-33

	Total					
					The second secon	
	1					
	Per Cum.			32.50	backtilling behind abutment, wing wall and return wall complete as per drawings a technical specification. Clause 1204.3.8 including all leads and lifts, as per HPPWD, specification of 1990 volume-I as directed by the Engineer-In-Charge.	4
					not less than 25 kg each as per drawing and technical specifications Clause 1301or as directed by the Engineer-In-Charge.	
	Per Cum.			156.24	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 (wowen diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing	co
					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	
. • :	Per Cum.			39.00	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	12
	1100000	-			as per HPPWD, specification of 1990 Volume-I, or as directed by the Engineer-In- Charge	-
-	Per Cum.			41.00	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	-
14.	1 No 1 mark 1 and 1 1	1 P 100 9 1	figures.			
Amount.	Unit	Rate in words.	Rate in	Quantity.	Sub-head and item of works.	Sr.No
RD 16/250 to 16/290)	C/o R/wall at	to 19/00 (SH:- 0	ad km 0/0	er Gansi roi	Name of work :- R/R Damage on Tutu pani Kuthari Khalager Gansi road km 0/0 to 19/00 ( SH:- C/o R/wall at RD 16/250 to 16/290	_
Two Month		Time				
9108		Earnest Money	10.			
455430		Estimate Cost				
			OCHEDONE OF COUNTIL	TO GROOM	COL	

Executive Engineer
B&R Div. HP.PWD

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