Himachal Pradesh Public Works Department

Registered

NO:- PW-DKD-N.I.T/2021-22-

Dated: $\frac{6}{8} \frac{991}{991}$

To

The Executive Engineer (IT Cell) Nigam Vihar Shimla.

Subject:-

Publication of Tender notice.

Jai Haind

Enclosed please find herewith the tender Notice of works as given in the Notice Inviting tender for uploading on department website as per notification Pr. Secy. (PW) to the Govt. Of Himachal Pradesh letter No. PBW (B) A (3) 1/2020 dated Shimla-2 the 16th. July 2021 as the worksmentioned in the tender notice are urgent in nature and in public intrest.

DA:- Notice Inviting Tender & Schedule of Quantity and Certificate.

Executive Engineer, B&R Division HP.PWD, Dodra Kawar.

Copy forwarded to for further necessary action please:-

1. The Superintending Engineer 14th. Circle HP.PWD, Rohru.

2. The Computer cell o/O Executive Engineer (IT) cell) Nigam Bihar Shimla.-2.

Executive Engineer, **B&R Division HP.PWD**, Dodra Kawar.

HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT NOTICE INVITING TENDERS

Saled item rate tenders on form No. 6 &8 are hereby invited by the Executive Engineer B&R Division HP.PWD, Dodra kawar for the following works on behalf of the Government of Himachal Pradesh from the eligible contractors enlisted in HP.PWD, so as to reach in the office as per time Schedule givwen below:-

1. Date of receipt of application for tenders forms:-

23.08.2021

2. Dated of Issue /sale of tender forms:-

23.08.2021

3. Date of receipt of tender:-4. Date of opening of tender:-

24.08.2021 up to 10:30 AM

24.08.2021 at 11.AM

Sr.	Name of Work	Estimated	EMD	Cost of	Time	Eligible
No.		Cost	(Rs.)	Tende r (Rs.)	Limit	class of Contracto r
1.	R/R Damages to RCD Road Km. 0/00 to 92/695.(SH:- C/O R/wall in PCC 1:4:8 1t Rd. 24/350 to 24/375.	4,35,303/-	8706/-	350/-	Six months	Calss "C&D"
2.	Link road bakora to Gharatkhad dogri Jarkot Km. $0/00$ to $3/00$.(SH:- C/O R/wall in wire crate at RD. $0/690$ to $0/715$ & B/wall at RD. $0/690$ to $0/705$	4,62,426/-	9250/-	350/-	Six months	Calss "C&D"
3.	R/R Damages to Gadsari to Karshali road 0/00 to 4/500. C/O R/wall in wire crate at Rd. 2/290 to 2/305 & 3/150 to 3/160.	3,75,288/-	7506/-	350/-	Six months	Calss "C&D"
4.	R/R Damages to RCD Road Km. at RD. 21/195 to 92/695.(C/O B/wal;l in wire crate at RD. 29/575 to 29/620.	4,85,927/-	9720/-	350/-	Six months	Calss "C&D"
5.	C/O Link road to Jilari to Dhangrighad Km. 0/00 to 3/500.(SH:-F/C 5/7 mtr wide road at Rd. 1/450 to 1/945.	4,65,005/-	9300/-	350/-	Six months	Calss "C&D"
6.	C/O Link road bakora to Gharatkhad Dogri Rajpat Jarkot Km. 0/00 to 3/00.(C?o B/wall in wire crate at Rd. 1/180 to 1/200.	3,23,026/-	6461/-	350	Six months	Calss "C&D"
7.	R/R Damages to RCD Road Km. 0/00 to 92/695.(SH:- Hiring of JCB for removal of slips/dressing of road surface 51/00 to 71/750.	4,72,200/-	10000/	350/-	Three months	Calss "C&D"
8.	R/R Damages to RCD Road Km. 0/00 to 92/695.(SH:- Hiring of JCB for removal of slips/dressing of road surface 51/00 to 71/750.	4,72,200/-	10000/	350/-	Three months	Calss "C&D"
9.	R/R Damages to RCD Road Km. 0/00 to 92/695.(SH:- C/O B/wall in PCC 1:4:8 at RD 85/300 to 85/330.	1,10,337/-	2210/-	350/-	Three months	Calss "C&D"
10.	R/R Damages to RCD Road Km. 0/00 to 92/695.(SH:- Hiring of JCB for removal of slips/dressing of road surface 71/750 to 92/695.	4,72,200/-	10000/	350/-	Three months	Calss "C&D"
11.	R/R Damages to RCD Road Km. 0/00 to 92/695.(SH:- Hiring of JCB for removal of slips/dressing of road surface 21/195 to 51/00	4,72,200/-	10000/	350/-	Three months	Calss "C&D"
12.	R/R Damages to various road under Kawar Sub- Division. (SH:-Hiring of JCB for removal of slips/dressing of road surface	4,72,200/-	10000/	350/-	Three months	Calss "C&D"
13.	C/O Link road Kimiti to nalvai Jarkot Km. 0/00 to 2/500.(C?O Hume pipe culvert 900mm dia at Rd. 0/360.	4,32,328/-	8647/-	350/-	Six months	Calss "C&D"
14.	R/R Damages to RCD Road Km. 0/00 to 92/695.(SH:- C/O R/wall in wire crate at Rd. 54/955 to 54/975 and B/wall at RD. 58/510 to 58/545.	3,11,595/-	6232/-	350/-	Six months	Calss "C&D"
15.	R/R damages to Gadsari to Kharshali Km. 0/00 to 4/500.(SH:-C/O R/wall at RD. 4/010 to 4/017 & 4/045 to 4/050.	2,25,910/-	4518/-	320/-	Six months	Calss "C&D"
16.	C/O Sheladesh to Thalather road Km. 0/00 to 2/00.(SH:-Kharanja stone soling at Rd. 0/240 to 0/490.	4,92,400/-	9848/-	350/-	Six months	Calss "C&D"
17.	R/R Damages to RCD Road Km. 0/00 to 92/695.(SH:-Kharanja stone soling at various reaches at Rd. 51/00 to 60/00.		9848/-	350/-		Calss "C&D"
18.	R/R Damages to Link road village Kiterwari Km. 0/00 to 2/900.(C/O R/wall at RD. 0/00 to 0/010.	4,90,324/-	9810/-	350/	Six months	Calss "C&D"

19.	C/O Lin road Halipad to Sharidhar road Km. 0/00 to 3/00.(SH:- Widening of road at RD. 0/300 to 0/840 & wire crate at essential reaches.	4,62,681/-	9255/-	350/	Six months	Calss "C&D"
20	R/R Damages to RCD Road Km. 0/00 to 92/695.(SH:- C/O B/wall in wire crate at RD. 52/070 to 52/090 & 52/150 to 52/170.	4,29,377/-	8590/-	350/-	Six months	Calss "C&D"
21.	R/R Damages to RCD Road Km. 0/00 to 92/695.(SH:- C/O R/wall in wire crate at RD30/215 to 30/235 & 32/030 to 32/050.	4,81,197/-	9625/- /-	350/-	Six months	Calss "C&D"
22.	R/R Damages to RCD Road Km. 0/00 to 92/695.(SH:-Providing Kharanja stone soling at various reaches at Rd. 31/00 to 51/00.	4,92,400/-	9848/- /-	350/-	Six months	Calss "C&D"
23.	C/O Link road Bakora to Gharatkhad Dogri Rajpat Jarkot Km. 0/00 to 3/00.(SH:- C/O Hum pipe culvert 900 dia at RD. 0/645.	4,43,944/-	8780/-	350/-	Six months	Calss "C&D"
24.	C/O Link road Khoptwari to Jarkot Km. 0/00 to 1/00.(SH:-C/O Hume pipe culvert 900mm dia at Rd. 0/290.	4,09,886/-	8200/-	350/-	Six months	Calss "C&D"
25.	C/O Link road Kimit to Nalvi Km. 0/00 to 2/500. (SH:- F/C 5/7 mtre. Wide road at RD. 1/570 to 1/915.	4,98,958/-	9980/-	350/-	Six months	Calss "C&D"
26.	R/R Damages to RCD Road Km. 0/00 to 92/695.(SH:-Providing Kharanja stone soling at various reaches at Rd. 60/00 to 71/00	4,92,400/-	9848/- /-	350/-	Six months	Calss "C&D"

The tender documents shall be issued only to those contractor /Firm who fulfil the following documents with the application.

- ${\bf 1.} \quad {\bf The\ valid\ enlistment/Registration\ of\ contractor\ in\ Appropriate\ class\ .}$
- 2. Permanent account No. (PAN NO.).
- 3. G.S.T. No.
- 4. Earnest Money in the shape of National saving Certificate/ Time deposit account in the any of the post office in H.P. F.D.R from any Nationalized Bank duly pleadged in favour of the Executive Engineer.
- 5. The earnest & cost of tender form for the above works should be submitted with the application for the purchase of the tender form. The application received without without earnest money & cost of tender form shall summarily be rejected.
- 6. Tax clearance certificate (T.C.C.) issued from the concerned Excise and Taxation department.
- 7. The offer of the tender shall remain valid up to 120 days after the opening of tender.
- 8. Ambigious /telephonic / conditional tenders or tender by fax/E mail shall not be considered and will be summarily be rejected.
- Executive Engineer reserve the right to reject or cancel any or all tenders without aassining any reasons.
- 10. If the date given above happens to be holiday the same shall be processed on next working day.
- 11. The contractor/firms must quote their rates in words as well as in figures failing which XEN reserve the right to accept/reject any or all tenders
- 12. The tender forms shall not be issued to those contractors/firms whose previous performance is not found satisfactory and who have not executed the previous awarded works within the stipulated period of completion.
- 13. One contractor shall not have more than two major works in hand at a time.
- 14. Work should be completed by the contractor within stipulated period.
- 15. Works completion and work in hand certificate issued by concerned Executive Engineer must
- 16. be attached with the application for issue of tender form.

Executive Engineer B&R Division HP.PWD, Dodra Kawar HP on behalf of Governor of Himachal Pradesh Mail. ee-dod-hp@nic.in

			SCHEDULE OF QTY	
Time	Earnest Money	Estimated Cost		
Six Month	8706	435303		

Sub-head and Item of works. Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPVID, specification of 1990 Volume-I, or as directed by the Engineer-In-Charge. Earthwork in excavation for structures as per drawing and technical specifications 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 Intendese with excavated suitable material available from excavation to be propelly stacked and handed over to the department free of cost including all leads and lifts, as per HPPVID, specification of 1990 volume-I or as directed by the Engineer-In-Charge Totage	Vam	Name of Work:- R/R Damages to RCd road km 0/00 to 92/695(SH:- C/o R/wall in PCC 1:4:8 at RD 24/350 to 24/3	to 24/375)				
Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification (Clause 1603.1 and as per HPPVVD, specification of 1990 Volume-I, or as directed by the Engineer-In-Charge. 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 HPPVVD, specification of 1990 volume-I or as directed by the Engineer-In-Charge Providing and Laying concrete concrete 1.4.8 (1cement: 4 sand: 8 graded stone aggregate 40mm nominal size) in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPVVD, specification of 1990 volume-I or as directed by the Engineer-In-Provividing weepholes in brick masonery. Stone masonery, plain/reinforced concrete aboutment, wing wall-return wall with 100 mm dia AC pipe extending though the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204,3.7			Quantity.	- 1	Rate in words.	Unit	Amount
Clause 1603.1 and as per HPPWD, specification of 1990 Volume-I, or as directed by the Engineer-In-Charge. 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 concrete concrete 1:4:8 (1cement: 4 sand: 8 graded stone aggregate 40mm nominal size) in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge Provividing weepholes in brick masonery/ Stone masonery, plain/feinforced concrete aboutment, wing wall, return wall with 100 mm dia AC pipe extending though the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification clause 614,709,1204.3.7	_	Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of	40.50			Per 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 HPPVVD, specification of 1990 volume-I or as directed by the Engineer-In-Providing and Laying concrete concrete 1:4:8 (1cement: 4 sand: 8 graded stone aggregate 40mm nominal size) including all leads and lifts, as per HPPVVD, specification of 1990 volume-I or as directed by the Engineer-In-Provividing weepholes in brick masonery/ Stone masonery, plain/reinforced concrete aboutment, wing wall, return wall with 100 mm dia AC pipe extending though the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification clause 614,709,1204,3.7		side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD, specification of 1990 Volume-I, or as directed by the Engineer-In-Charge.				meter.	
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 concrete concrete 1:4:8 (1cement: 4 sand: 8 graded stone aggregate 40mm nominal size) in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPVVD, specification of 1990 volume-I or as directed by the Engineer-In-Charge Provividing weepholes in brick masonery/ Stone masonery, plain/reinforced concrete aboutment, wing wall, return wall with 100 mm dia AC pipe extending though the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification clause 614,709,1204,3.7		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	13.50			Per cubic meter.	
including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge Providing and Laying concrete concrete 1:4:8 (1cement: 4 sand: 8 graded stone aggregate 40mm nominal size) in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In- Charge Provividing weepholes in brick masonery/ Stone masonery, plain/reinforced concrete aboutment, wing wall, return wall with 100 mm dia AC pipe extending though the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification clause 614,709,1204,3.7		any lead and lift, dressing of sides and bottom and backfilling in trenches with excavated suitable material useful					
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in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPVVD, specification of 1990 volume-I or as directed by the Engineer-In-Charge Provividing weepholes in brick masonery/ Stone masonery, plain/reinforced concrete aboutment, wing wall, return wall with 100 mm dia AC pipe extending though the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification clause 614,709,1204,3.7	- 1	Providing and I aving concrete concrete 1.4.8 (1) compat. A cond. 8 graded stone programs and in the concrete concrete 1.4.8 (1) compat. A cond. 8 graded stone programs are a concrete 1.4.8 (1) compat. A cond. 8 graded stone programs are a concrete 1.4.8 (1) compat. A cond. 8 graded stone programs are a concrete 1.4.8 (1) compat. A cond. 8 graded stone programs are a concrete 1.4.8 (1) compat. A cond. 8 graded stone programs are a concrete 1.4.8 (1) compat. A cond. 8 graded stone programs are a concrete 1.4.8 (1) compat. A cond. 8 graded stone programs are a concrete 1.4.8 (1) compat. A cond. 8 graded stone programs are a concrete 1.4.8 (1) compat. A cond. 8 graded stone programs are a concrete 1.4.8 (1) compat. A cond. 8 graded stone programs are a concrete 1.4.8 (1) compat. A cond. 8 graded stone programs are a concrete 1.4.8 (1) concept. A cond. 8 graded stone programs are a concrete 1.4.8 (1) concept. A cond. 8 graded stone programs are a concrete 1.4.8 (1) concept. A cond. 8 graded stone programs are a concrete 1.4.8 (1) concept. A cond. 8 graded stone programs are a concrete 1.4.8 (1) concept. A cond. 8 graded stone programs are a concept. A cond. 8 graded stone programs are a concept. A cond. 8 graded stone programs are a concept. A cond. 8 graded stone programs are a concept. A cond. 8 graded stone programs are a concept. A cond. 8 graded stone programs are a concept. A cond. 8 graded stone programs are a concept. A cond. 8 graded stone programs are a concept. A cond. 8 graded stone programs are a concept.	30.05			Dorothio	
Charge Charge		in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-	73.23			meter.	
Provividing weepholes in brick masonery/ Stone masonery,plain/reinforced concrete aboutment ,wing wall,return 21.00 wall with 100 mm dia AC pipe extending though the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification clause 614,709,1204,3.7		Charge					
		Provividing weepholes in brick masonery/ Stone masonery,plain/reinforced concrete aboutment, wing wall,return with 100 mm dia AC pipe extending though the full width of the structures with slope of 1(V):20(H) towards	21.00			Nos	
Total	_	drawing face complete as per drawing and technical specification clause 614,709,1204,3.7					
						Total	

Executive Engineer
B&R Divn HP.PWD
Dodra Kawar

	Total					
	Per Cum.			18.75	Backfilling behind abutment, wing wall and return wall complete as per drawings & 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
	Per Cum.			125.00	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.	
	Per Cum.			27.15	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	N
	Per Cum.			44.40	Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD, specification of 1990 Volume-I, or as directed by the Engineer-In-Charge.	Ъ
Amount.	Unit	Rate in words.	Rate in figures.	Quantity.	Sub-head and item of works.	Sr.No
(SH:- C/o R/wall in wire crate at 0/690 to 0/715 &	R/wall in v	_	tm 0/00 to 0/70	gri Rajpat Jarkot km 0/00 to : B/wall at RD 0/690 to 0/705)	Name of Work:- C/o Link road Bakora to Gharatkhad Dogri Rajpat Jarkot km 0/00 to 3/00 B/wall at RD 0/690 to 0/705)	Name
Six Month		Time				
9250		Earnest Money				
462426		Estimate Cost				
			QUANTITY	SCHEDULE OF QUANTITY	SCH	

Executive Engineer
B&R Divp. HP.PWB
Dedra Kawar

	Total					
	Per Cum.			19.20	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 including all leads and lifts, as per HPPVVD, specification of 1990 volume-I as directed by the Engineer-In-Charge	4
	Per Cum.			101.56	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.	ω
	Per Cum.			ō	Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deletenous 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	
	D					s
	Per Cum.			19.40	Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD, specification of 1990 Volume-I, or as directed by the Engineer-In-Charge	1
			figures.			
Amount.	Unit	Rate in words.	Rate in	- 1	Sub-head and item of works.	Sr.No
				3/160)		
in wire crate at 2/290 to 2/305 & 3/150 to	re crate at 2/:		500 (SH:-	0/00 to 4/	Name of Work:- R/R Damage to Gadsari to Kharshali road km 0/00 to 4/500 (SH:- C/o R/waii	2
Six Month		Time				
7506		Earnest Money				
375288		Estimate Cost				Γ
			ALILNVA	SCHEDULE OF QUANTITY	SCH	
						1

Executive Engineer B&R Divn. HP. HWD Dodra Kawar

	ω	N	1	Sr.No					
	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.	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 deletenous 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	Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and timming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD, specification of 1990 Volume-I, or as directed by the Engineer-In-Charge.	Sub-head and item of works.	Name of Work:- R/R Damage to RCD Road km 21/195 to 92/695 (SH:- C/o B/wall in				SCHI
	140.62	18.00	60.75	Quantity.	195 to 92/6				SCHEDULE OF QUANTITY
				Rate in figures.	695 (SH:- C				VITTUAUQ
				Rate in words.		Time	Earnest Money	Estimate Cost	
Total	Per Cum.	Per Cum.	Per Cum.	Unit	e crate at 29/				
				Amount.	wire crate at 29/575 to 29/620)	Six Month	9720	485927	



Name of	Name of Work:- C/o Link road Jilari to Dhangrighad km 0/00 to 3/500 (SH:-F/C 5/7 mtr wide road Sr No Sub Head/items of work. Aty		at RD 1/450 to 1/945 Estimate Earnest Time Rate in Rate in	to 1/945 Estimated Cost Earnest Money Time Rate in world	Unit	465005 9300 Six Month
	in all heights and depths in all kinds of soil by manual /mochanical moons	Qty	Rate in figures	Rate in world	Unit.	Amount
	Excavation in hilly area in all heights and depths in all kinds of soil by manual /mechanical means including saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiselling/wedging out of rock (where blasting is prohibited) and other intermediate classification of soil setting out true to the required line, graded width cutting and trimming of side slopes and level as shown on the drawing and as directed by the Engineer-in-Charge at site according to the M.O.R.D Technical Specification Clause 300,1603.1,1603.2, sorting out useful material and stacking the same in all leads and lifts in acquired width of the road and transportation of useful material for filling in road way, camber, embankments for grade improvements and disposal of all un-useful materials to required width of the road or on approved dumping sites, through all modes of transportation including head load or animals transport or mechanical means, along with its levelling fine dressing and carriage of machineries, materials tools equipments and safety means and other incidentals necessary to complete the work by mechanical means and/or labour if required. All useful materials such as stone, shingles, aggregates, sand and slates shall be sorted out and stacked along road side which shall not be less than 1/3 (one third) for blasting work hard rock 1/6th (One sixth) blasting work soft rock 1/10th (one 10th) jumper work in all cases failing which recovery shall be effected on the prevailing market rates. Any loss to the public/private property during the course of execution shall be the absolute responsibility of the entire Contractor which shall have to be duly compensated by him in all cases as per direction of the Engineer-in-Charge including carriage of material within all leads and lifts. The rate including octrol, royalty, Malkana, toll tax sale tax or other taxes imposed by the Government. A recovery of useful stones 250.84 cum. metre @ Rs. 1700-1700 regreter than the stones of the same may be. The servicable material will be st	1929.500	i dina		Cum.	
	Total					

Executive Engineer,
B&R Division HP.PWD
Dodra Kawar

	Total					
	Per Cum.			93.75	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 × 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.	ω
	Per Cum.			11.60	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 deletenous 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	N
	Per Cum.			37.40	Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD, specification of 1990 Volume-I, or as directed by the Engineer-In-Charge.	
Amount.	Unit	Rate in words.	Rate in figures.	Quantity.		Sr.No
C/o B/wall in wire crate at 1/180 to 1/200)	B/wall in wir		km 0/00 t	pat Jarkot	Name of Work:- C/o Link road Bakora to Gharatkhad dogri Rajpat Jarkot km 0/00 to 3/00 (SH:-	Naz
Six Month		Time				
6461		Earnest Money				
323026		Estimate Cost				
			ALILINANC	SCHEDULE OF QUANTITY	SCHI	

Executive Engineer B&R Diver: HP.PWD Dodra Kawar

			Z	7	7	7	7	\neg
	_	Sr.No.	ame of V					
Total	Hiring of J.C.B (Excavator-cum-Loader) having bucket capacity .45 cum includung P.O.L charges, shifting charge and other anciliary equipments as required at site as per instructions of the Engineer-In-charge including all leads and lifts.	Sub-Head and Item of works	Name of Work:- R/R Damage to RCd road km 0/00 to 92/695 (SH:- Hiring of JCB for removal of slips/dressing of road surface 51/00 to 71/750)				SCHEDULE OF QUANTITY	
	600.00	Quantity.	of JCB for r				F QUANT	
		Rate in figures.	emoval of slips/				YTI	
		Rate in words.	dressing of road su	Time	Earnest Money	Estimate Cost		
	Per Hour	Unit	urface 51/00	Thre	1	4		
		Amount	to 71/750)	Three Month	10000	472200		

Executive Engineer,
B&R Division HPPWD,
Dodra Kawar

	_	Sr.No.	Name of V					
Total	Hiring of J.C.B (Excavator-cum-Loader) having bucket capacity .45 cum includung P.O.L charges, shifting charge and other anciliary equipments as required at site as per instructions of the Engineer-In-charge including all leads and lifts.	Sub-Head and Item of works	Name of Work:- R/R Damage to RCd road km 0/00 to 92/695 (SH:- Hiring of JCB for removal of slips/dressing of road surface 51/00 to 71/750)				SCHEDULE OF QUANTITY	
	600.00	Quantity.	of JCB for r				F QUANT	
		Rate in figures.	emoval of slips/				ITY	
		Rate in words.	dressing of road su	Time	Earnest Money	Estimate Cost		
	Per Hour	Unit	ırface 51/00	Thre	1	47		
		Amount	to 71/750)	Three Month	10000	472200		

Executive Engineer,
B&R Division HPPWD,
Dodra Kawa

					Z		,	
4 7 7 9	ω Oreen	N Q M F EO	O Ø m	S	ame			
Provividing weepholes in brick masonery/ Stone masonery, plain/reinforced concrete aboutment, wing wall, return wall with 100 mm dia AC pipe extending though the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification clause 614,709,1204,3.7	Providing and Laying concrete concrete 1:4:8 (1cement: 4 sand: 8 graded stone aggregate 40mm nominal size) in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge	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	Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD, specification of 1990 Volume-I, or as directed by the Engineer-In-Charge.	Sub-head and Item of works.	Name of Work:- R/R Damages to RCd road km 0/00 to 92/695(SH:- C/o R/wall in PCC 1:4:8 at RD 85/300 to 85/330)			SCHEDULE OF QTY
13.00	16.80	6.30	8.10	Quantity.	to 85/330			
				Rate in figures.				
				Rate in words.	lime	Earnest Money	Estimated Cost	
Nos	Per cubic meter	Per cubic meter	Per cubic meter:	Unit	Three Month	2210	110337	
				Amount	TO TO	•		

Executive Epgineer B&R Divn HR PWD Dodra Kawar

Total

	_	Sr.No.	Name					
Total	Hiring of J.C.B (Excavator-cum-Loader) having bucket capacity .45 cum includung P.O.L charges, shifting charge and other anciliary equipments as required at site as per instructions of the Engineer-In-charge including all leads and lifts.	o. Sub-Head and Item of works	Name of Work:- R/R Damage to RCd road km 0/00 to 92/695 (SH:- Hiring of JCB for removal of slips/dressing of road surface 71/750 to 92/695)				SCHEDULE OF QUANTITY	
	600.00	Quantity.	of JCB for				OF QUANT	
		Quantity. Rate in figures.	removal of slips/				YTI	
		Rate in words.	dressing of road su	Time	Earnest Money	Estimate Cost		
	Per Hour	Unit	ırface 71/75	Thre	1	45		
		Amount	0 to 92/695)	Three Month	10000	472200		

Executive Engineer,
B&R Division HPPWD,
Dodra Kawar

							_
	. 	Sr.No.	Name of \				
Total	Hiring of J.C.B (Excavator-cum-Loader) having bucket capacity .45 cum includung P.O.L charges, shifting charge and other anciliary equipments as required at site as per instructions of the Engineer-In-charge including all leads and lifts.	Sub-Head and Item of works	Name of Work:- R/R Damage to RCd road km 0/00 to 92/695 (SH:- Hiring of JCB for removal of slips/dressing of road surface 21/195 to 51/00)				SCHEDULE OF QUANTITY
	600.00	Quantity.	of JCB for r				F QUANT
		Rate in figures.	emoval of slips/				ITY
		Rate in words.	dressing of road su	Time	Earnest Money	Estimate Cost	
	Per Hour	Unit	ırface 21/19t	Thre	1	47	
		Amount	5 to 51/00)	Three Month	10000	472200 /	

Executive Engineer, B&R Division HPPWD, Dodra Kawar

	-	, o.	ST NO	Name of W			
Total	Hiring of J.C.B (Excavator-cum-Loader) having bucket capacity .45 cum includung P.O.L charges, shifting charge and other anciliary equipments as required at site as per instructions of the Engineer-In-charge including all leads and lifts.	Suo-Head and Item of works	STAN STANDARD STANDAR	Note: BB Dances to the second			SCHEDULE OF QUANTITY
	600.00	Quantity.	SH:- Hiring				F QUANT
		Quantity. Rate in figures.	of JCB for remov				TY
		Rate in words.	val of slips/dressing of road surface	Time	Earnest Money	Estimate Cost	
	Per Hour	Unit	g of road sur	Three	1(47	
		Amount	face)	Three Month	10000	472200	

Executive Engineer,

B&R Division NPPWD,

Dodra Kawar

Per cubic meter. Per cubic meter. rmt Each		nn 48.97 3, 3s ss 14.70 nn 14.70 nr, 7.50 nr, 18.00 of 18.00	by the Engineer-In-Charge Providing and laying reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets Clause 1106. Provividing weepholes in brick masonery/ Stone masonery, plain/reinforced concrete aboutment ,wing wall, return wall with 100 mm dia AC pipe extending though the full width of the structures with slope of 1(V).20(H) towards drawing face complete as per drawing and technical specification clause 614,709,1204,3.7	
Per cubic meter. Per cubic meter. rmt		, ,	by the Engineer-in-Charge Providing and laying reinforced cement concrete pipe NP2 for culverts on first class bedding of granuli material in single row including fixing collar with cement mortar 1:2 but excluding excavation protection works, backfilling, concrete and masonry works in head walls and parapets Clause 1106.]
Per cubic meter. Per cubic meter.			by the Engineer-In-Charge	6
Per cubic meter.			Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 including all leads and lifts as per HPPWD specification of 1990 volume-Las directed	5
		_	Providing and Laying concrete concrete 1:4:8 (1cement: 4 sand: 8 graded stone aggregate 40mm nominal size) in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge	4
Per cubic meter.		n 9.90	Providing and Laying concrete concrete 1:6:12 (Icement: 6 sand: 12 graded stone aggregate 40mm nominal size)for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge	w
Per cubic meter.		1 50.18 sis d	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	2
Per cubic meter.		d 15.38	Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD, specification of 1990 Volume-I, or as directed by the Engineer-In-Charge.	
Rate in words. Unit. Amount.	Rate in figures. Rate	Quantity.	Sr.No. Sub-head and Item of works.	Sr.N
e Pipe Culvert 900mm dia at RD 0/360	C/o Hume Pipe Cu	'500 (SH:- C	Name of work:- C/o Link road Kimti to Nalvai jarkot km 0/00 to 2/500 (SH:- C/o Hum	
ne Six Month	Time			Γ
Earnest Money 8647	Earn			
Estimate Cost 432328	Estir			Γ
		ATITY	SCHDULE OF QUANTITY	

Executive Engitteer,
B&R Division HPPWD
Dodra Kawar

	Total					
	Per Cum.			15.00	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 including all leads and lifts, as per HPPVVD, specification of 1990 volume-I as directed by the Engineer-In-Charge	4
	Per Cum.			203.13	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.	ω
	Per Cum.			47.20	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	N
	Per Cum.			28.35	Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD, specification of 1990 Volume-I, or as directed by the Engineer-In-Charge.	Н
Amount.	Unit	Rate in words.	Rate in figures.	Quantity.		Sr.No
54/955 to 54/975 & B/wall at RD 58/510 to	/955 to 54/97		all in wire	1:- C/o R/wa 58/545)	e of work:- K/K	I I
Six Month						Z
6300		Earnest Money				
311595 /		Estimate Cost				
			VITTNAU	SCHEDULE OF QUANTITY	SCHE	

Executive Engineer
B&R Divn. He:PWD
Dodra Kawa

Schedule of Qty

Estimated Cost Earnest Money Time 225910 / 4518

Six Month

	Total					
	meter.					_
	Per cubic			6.48	box or box or arming and recilling specificastion	Τ
					5 Back filling behind abutment wing wall and return complete as per drawing and technical process.	5
	Per cubic meter.			35.16	foundation in cement mortar 1:6(1cement:6sand) complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203.including all leads and lifts, or as per HPPWD,. Specification of 1990 Volume-I, asdirected by the Engineer-In-Charge.	
					4 Random rubble masonrystone masonry/in-coursed/brought to pource)	4
	meter.				clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge	
+	Per cubic			6.48	3 Providing and Laying concrete concrete 1:6:12 (1cement: 6 sand: 12 graded stone aggregate 40mm nominal size) for plain/reinforced concrete in open foundations complete as no desired and the concrete in open foundations complete as no desired and the concrete in open foundations.	_C
					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 cubic meter.			8.16	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	
						J
	meter.				side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification	
+	Per cubic		1 2 2	7.32	1 Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of	_
Amount.	Unit	Rate in Rate in words.	Rate in	Quantity.	Sub-head and Item of works.	
		/050)	/045 to 4/050)	4/017 & 4	Name of Work:- R/R Damages to Gardshali to Kharshali km 0/00 to 4/500 (SH:-C/o R/wall at Rd 4/010 to 4/017 & 4/045	Na
	UTUOM XIC	HILLER				1

Executive Engineer
B&R Sub.Divn HP.PWD
Dodra Kawar

ω	2	_	No.	Nai
Stone soling properly hand-packed filling interstices with Kharanja stone and consolidating with power road roller to the requested gradient and comber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD specification. 150 mm spread thickness (finished work including materials and labour) including all leads and lifts, as per HPPWD, specification of 1990 Volume-I, as directed by the Engineer-In-Charge.	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and rerolling the sub-grade completed as per HP.PWD specifications and as directed by the Engineer in Charge.	Preparation of sub grade by dressing to combor (Earth work for the cutting involved for sub-grade to be paid for separately depending upon the classification of soil completed as per HP.PWD specifications and as directed by the Engineer in Charge.	Sub-head and item of works.	SCHEDULE OF QUAN me of Work:- C/o Shiladesh to thalathar road km 0/00 to 2/00 (SH:- Prov
211.89	921.25	921.25	Quantity.	iding Kha
			figures.	ranja Stor
			Kate III words.	Estimate Cost 492400.00 Earnest Money 9848.00 Time Six Month ne Soling at RD 0/240 to 0/490
Per Cum	Per Sqm	Per Sqm	, in	492400.00 9848.00 Six Month /240 to 0/
			All out :	490)

Executive Engineer
B&R Division HPPWD
Dødra Kawar

SCHEDULE OF QUANTITY

Estimate Cost 492400.00

Earnest Money 9848.00

Name of Work:- R/R Damage to RCD road km 0/00 to 92/695 (SH:- Providing Kharanja Stone Soling at various reaches at RD 51/00 to

60/00)	00)				1	
Sr.	Sub-head and item of works.	Quantity.	Rate in figures.	Rate in words.	Unit	Amount.
_	Preparation of sub grade by dressing to combor (Earth work for the cutting involved for sub-grade to	921.25			Per Sqm	
	be paid for separately depending upon the classification of soil completed as per HP.PWD specifications and as directed by the Engineer in Charge.					
8	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and rerolling the sub-grade completed as per HP.PWD specifications and as directed by the Engineer in Charge.	921.25			od::	
u e	Stone soling properly hand-packed filling interstices with Kharanja stone and consolidating with power	211.89			Per Cum	
	road roller to the requested gradient and comber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD specification. 150 mm spread thickness (finished work including materials and labour) including all leads and lifts, as per HPPWD, specification of 1990 Volume-I, as directed by the Engineer-In-Charge.					
				-		
_						

Executive Engineer
B&R Division IPPWD
Dodra Kawar

Schedule of Qty

Time Earnest Money **Estimated Cost** 490324.00 9810

Six Month

	14.90		
	including all leads and lifts, as per HPPWD, specification of 1990 volume-I as directed by the Engineer-In-Charge Back filling behind abuttment wing wall and return complete as per direction and the transfer of the specification of 1990 volume-I as directed by the Engineer-In-Charge		7
+	Construction of dry rubble masonary for retaining walls, breast walls, revetment walls and parapets etc. for sub-		6
	Random rubble masonrystone masonry(un-coursed/brought to courses)with hard stone ofapproved quality in foundation in cement mortar 1:6(1cement:6sand) complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203.including all leads and lifts, or as per HPPWD,. Specification of 1990 Volume-I, asdirected by the Engineer-In-Charge.		
	in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge	1	1
	size)for plain/teinforced concrete 1:6:12 (1cement: 6 sand: 12 graded stone aggregate 40mm nominal size)for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge		
	out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a nary 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 incharge and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-Incharge conditions and lifts are provided by the Engineer-Incharge conditions.		2 2 3 3 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4
	-	Clause 1603.1 and as per HPPVID, specification of Earthwork in excavation for structures as per drawir	2 E O
-	Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of 31.70	Excavation in soil in Hilly Area in all kind of sand by	2 E
Rate in words	Quantity.		
l I.	Name of Work: - R/R Damages to link road to village Kiterwari km 0/00 to 2/900 (SH:-C/o R/wall at Rd 0/00 to 0/010)	Sub-head and Item of works	Name (
Time			

Executive Engineer
B&R Sub.Den HP.PWD
Dodra Kawa

SCHEDULE OF QUANTITY

Total	5 Backfilling behind abutment, wing wall and return wall complete as per drawings & 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 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.	3 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	2 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 of 1990 Volume-I, or as directed by the Engineer-In-Charge.	saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiselling/wedging out of rock (where blasting is prohibited) and other intermediate classification of soil setting out true to the required line, graded width cutting and trimming of side slopes and level as shown on the drawing and as directed by the Englineer-in-Charge at site according to the M.O.R.D Technical Specification Clause 300,1603.1,1603.2, sorting out useful material for filling in road way, camber, embankments for grade improvements and disposal of all un-useful materials to required width of the road or on approved dumping sites, through all modes of transportation including head load or animals transport or mechanical means, along with its levelling fine dressing, and carriage of machineries, materials tools equipments and safety means and other incidentals necessary to complete the work by mechanical means and/or labour if required. All useful materials such as stone, shingles, aggregates, sand and slates shall be sorted out and stacked along road side which shall not be less than 1/3 (One third) for blasting work hard rock 1/16t (One sixth) blasting work soft rock 1/10th (one 10th) jumper work in all cases falling which recovery shall be effected on the prevailing market rates. Any loss to the public-private property during the course of execution shall be the absolute responsibility of the entire Contractor which shall have to be duly compensated by him in all cases as per direction of the Engineer-in-Charge including carriage of material within all leads and lifts. The rate including octroi, royalty, Malkana, toll tax sale tax or other taxes imposed by the Government. A recovery of useful stones 118.86 cum. metre @ Rs. 170/- Per cubic metre shall be done on pro-rata basis in each running bill for this item. Any loos to the public and private property during the course of excavation shell be resorted by the controctor what so ever the nature of the same may be. The servicable material will be stacked out specified/ dimension	ST NO Sub Head/items of work.			
	15	62.5	14	25.4	879.440	Qty == R			
						Rate in F	1	m m	
•						Rate in world	Time	Estimated Cost Earnest Money	
	Cum.	Cum.	Cum.	Cum.	Cum.	Unit			
						Amount	Six Month	462681.00 9255.00	_

Executive Engineer,
B&R Division RP-PWD
Dodra Kawar

	Total					
	Per Cum.			125.00	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.	ω
	Per Cum.			22.40	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	2
	Per Cum.			32.40	Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD, specification of 1990 Volume-I, or as directed by the Engineer-In-Charge.	1
Amount.	Unit	Rate in words.	Rate in figures.	Quantity.	Sub-head and item of works.	Sr.No
090 & 52/150 to 52/170	2/070 to 52/0	n wire crate at 52	o B/wall i	95 (SH:- C/	Name of Work:- R/R Damage to RCD Road km 0/00 to 92/695 (SH:- C/o B/wall in wire crate at 52/070 to 52/090 & 52/150 to 52/170	Z.
Six Month		Time				
8590		Earnest Money				
429377 ~		Estimate Cost				
			PUANTITY	SCHEDULE OF QUANTITY	SCHI	

Executive Engineer
B&R Divn. Ht PWD
Dodra Kawar

	Total					Τ
	Per Cum.			30.00	Backfilling behind abutment, wing wall and return wall complete as per drawings & 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
	Per Cum.			125.00)	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.	ω
	Per Cum.			28.00	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 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	N
	Per Cum.			50.80	Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD, specification of 1990 Volume-I, or as directed by the Engineer-In-Charge.	н
Amount.	Unit	Rate in words.	Rate in figures.	Quantity.	Sub-head and item of works.	Sr.No
t 30/215 to 30/235 & 32/030 to 32/050)	/215 to 30/2		R/wall in	(SH:- C/o	Name of Work:- R/R Damage to RCD road km 0/00 to 92/695 (SH:- C/o R/wall in wire crate a	Nar
Six Month		Time				
9625		Earnest Money				
481197		Estimate Cost				
			VANTITY	SCHEDULE OF QUANTITY	SCHEI	

Executive (Engineer B&R Divn. HP.PWD Dodra Kawar

SCHEDULE OF QUANTITY

	SCHEDULE OF QUANTITY	III			
				Estimate Cost	492400.00
				Earnest Money Time	9848.00 Six Month
Name (51/00)	Name of Work:- R/R Damage to RCD road km 0/00 to 92/695 (SH:- Providing Kharanja Stone Soling at various reaches at RD 31/00to 51/00	g Kharanj	a Stone So	oling at various r	eaches at
Sr.	Sub-head and item of works.	Quantity.	Rate in	Rate in words.	Unit
No			figures.		
_	Preparation of sub grade by dressing to combor (Earth work for the cutting involved for sub-grade to be paid for separately depending upon the classification of soil completed as per HP.PWD specifications and as directed by the Engineer in Charge.	921.25			Per Sqm
2	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and rerolling the sub-grade completed as per HP.PWD specifications and as directed by the Engineer in Charge.	921.25			Per Sqm
ω	Stone soling properly hand-packed filling interstices with Kharanja stone and consolidating with power road roller to the requested gradient and comber including spreading watering and rolling of binding materials moonum or earth etc. complete as per HP.PWD specification. 150 mm spread thickness (finished work including materials and labour) including all leads and lifts, as per HPPWD, specification of 1990 Volume-I, as directed by the Engineer-In-Charge.	211.89			Per Cum

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Nan				
Name of work:- C/o Link road Bakora to Gharatkhad Dogri Rajpat Jarkot km 0/00 to 3/00 (SH:-				SCHOOLE OF CONTILL
С/о Н				
ume Pipe Culve	Time	Earnest Money	Estimate Cost	
C/o Hume Pipe Culvert 900mm dia at RD 0/645)	Six Month	8780	443944	

					Total	_
	Each			18.00	Provividing weepholes in brick masonery/ Stone masonery,plain/reinforced concrete aboutment ,wing wall,return wall with 100 mm dia AC pipe extending though the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification clause 614,709,1204,3.7	7
	rmt			7.50	Providing and laying reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets Clause 1106.	თ
	Per cubic meter.			14.70	Backfilling behind abutment, wing wall and return wall complete as per drawings & 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	თ
	Per cubic meter.			48.97	Providing and Laying concrete concrete 1:4:8 (Icement: 4 sand: 8 graded stone aggregate 40mm nominal size) in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge	4
	Per cubic meter.			9.90	Providing and Laying concrete concrete 1:6:12 (Icement: 6 sand: 12 graded stone aggregate 40mm nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge	(J)
	Per cubic meter.			50.18	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	2
	Per cubic meter.			15.37	Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD, specification of 1990 Volume-I, or as directed by the Engineer-In-Charge.	_
Amount.	Unit.	Rate in words.	Rate in figures.	Quantity.	Sr.No. Sub-head and Item of works.	Sr.Nc
C/o Hume Pipe Culvert 900mm dia at RD 0/645)	ert 900mm	lume Pipe Culv	_)/00 to 3/0	Name of work:- C/o Link road Bakora to Gharatkhad Dogri Rajpat Jarkot km 0/00 to 3/00 (SH:-	Nan
Six Month		Time				
8780		Earnest Money				
443944		Estimate Cost				
				ANTITY	SCHDULE OF QUANTITY	

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Dedra Kawar

bic					William Control of the Control of th	
· ·	rmt			7.50	rioviuning and laying reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets Clause 1106. Provividing weapholes in brief processed Consequences.	7
	Per cubic meter.			13.23	Backfilling behind abutment, wing wall and return wall complete as per drawings & 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	n 0
bic	Per cubic meter.			44.01	Providing and Laying concrete concrete 1:4:8 (Icement: 4 sand: 8 graded stone aggregate 40mm nominal size) in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge	4
r.	Per cubic meter.			9.40	Providing and Laying concrete concrete 1:6:12 (Icement: 6 sand: 12 graded stone aggregate 40mm nominal size)for plant/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge	
t.	Per cubic meter.			48.59	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	2
i. bic	Per cubic meter.			13.94	Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD, specification of 1990 Volume-I, or as directed by the Engineer-In-Charge.	_
Amount.	Unit.	Rate in words.	Rate in figures.	Quantity.	Sr.No. Sub-head and Item of works.	Sr.No
	0/290)	900mm dia at RD 0/290)		o Hume Pip	Name of work:- C/o Link road Khoptwari to Jarkot km 0/00 to 1/00 (SH:- C/o Hume Pipe Culvert	Nam
Six Month		Time				
8200		Earnest Money				
409886		Estimate Cost				

Executive Engineer, B&R Division HPPWD Dodra Kawan Total

Total	Excavation in hilly area in all heights and depths in all kinds of soll by manual/mechanical means including saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiselling/wedging out of rock (where blasting is prohibited) and other intermediate classification of soil setting out rue to the required line, graded width cutting and trimming of side slopes and level as shown on the drawing and as directed by the Engineer. In-Charge at site according to the M.O.R.D Technical Specification Clause 300,1603.1,1603.2, sorting out useful material and stacking the same in all leads and lifts in acquired width of the road and transportation of useful material for filling in road way, camber, embankments for grade impovements and disposal of all unuseful materials to required width of the road or on approved dumping sites, through all modes of transportation including head load or animals transport or mechanical means, along with its levelling fine dressing and carriage of machineries, materials tools equipments and safety means and other incidentals necessary to complete the work by mechanical means and/or labour if required. All useful materials such as stone, shingles, aggregates, sand and slates shall be sorted out and stacked along road side which shall not be less than 1/3 (One third) for blasting work hard rock 1/8th (One sixth) blasting work soft rock 1/10th (one 10th) jumper work in all cases stalling which recovery shall be effected on the prevailing market rates. Any loss to the public/private property during the course of execution shall be the absolute responsibility of the entire Charge including carriage of material within all leads and lifts. The rate including octrol, royalty, Malkana, toll tax sale tax or other taxes imposed by the Government. A recovery of useful stones 289.15 cum. metre @ Public and private property during the course of exercavation shell be resorted by the controctor what so ever the factor of the same may be. The servicable material will be stacked out specified/ dimen			Name of Work:- C/o Link road Kimti to Nalvai km 0/00 to 2/500 (SH:-F/C 5/7 mtr wide road at RD 1/570 to 1/915)	SCHDUEL OF QUANTITY
	2070.380	City City		70 to 1/91	R
		figures		5)	
		Rate in world	Estimated Cost Earnest Money Time		
	Cum.	Unit.			
		Amount	498958		

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Dodra Kawar

	SCHEDULE OF QUANTITY	A.LI.				
				Estimate Cost	492400.00	
Nam 71/	Name of Work:- R/R Damage to RCD road km 0/00 to 92/695 (SH:- Providing Kharanja 71/750)	Kharanj:		Stone Soling at various reaches at RD 60/00 to	9848.00 Six Month aches at RI	D 60/00 to
Sr.	Sub-head and item of works.	Quantity.	Rate in	Rate in words.	Unit	Amount.
	Preparation of sub grade by dressing to combor (Earth work for the		figures.			
	be paid for separately depending upon the classification of soil completed as per HP.PWD specifications and as directed by the Engineer in Charge.	921.25			Per Sqm	
N	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and rerolling the sub-grade completed as per HP.PWD specifications and as directed by the Engineer in Charge.	921.25			Per Sqm	
ω	Stone soling properly hand-packed filling interstices with Kharanja stone and consolidating with power road roller to the requested gradient and comber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PVVD specification. 150 mm spread thickness (finished work including materials and labour) including all leads and lifts, as per HPPVVD, specification of 1990 Volume-I, as directed by the Engineer-In-Charge.	211.89			Per Cum	
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Executive Engineer

B&R-Division HPPWD

Dodra Kawar