

***H.P.PWD TENDERS***

Sealed item rate tenders on form No. 6 are invited by the Executive Engineer, Kotkhai Division, HPPWD, Kotkhai for the following works from the approved and eligible contractors enlisted in HPPWD, so as to reach in his office on or before 15-09-2023 upto 11:00 A.M. and will be opened on the same day at 12:00 noon, in the presence of the intending contractors or their authorized representatives. The tender forms can be had from his office against cash payment on 14-09-2023 upto 10:30 A.M. to 3:00 P.M. The earnest money in the form of National Saving Certificate / Time deposit account / saving bank account / FDR in any of the Post Office in Himachal Pradesh duly pledged in the name of the undersigned must accompany with each tenders. The tender form will be issued on contractor giving proof of enlistment, GST. Conditional tender and tender received without earnest money will be outrightly rejected. The offer of the tender shall be kept open for 10 days. The Executive Engineer reserves the right to reject any or all the tenders without assigning any reasons.

The draft NIT and other specifications and conditions of the tender can be seen by the contractors in the office of the undersigned on any working day during the office hours.

Job No.	Name of Work	Estimated Cost	Earnest Money	Cost of Tender	Time	Eligible class of Contractor
1.	R/R Damages on Mealth Quinal Golu Krall road in K.M. 0/00 to 10/500 (SH:-C/o, R/Wall at R.D. 6/485 to 6/497)	Rs. 4,30,814/-	Rs. 8700/-	Rs. 350/-	30 Days	All Class are eligible
2.	R/R Damages on Ramnagar Thana Adyog Mihani Road in K.M. 0/00 to 8/500 (SH:- C/o, R/Wall at R.D. 6/915 to 6/925)	Rs. 4,91,379/-	Rs. 9900/-	Rs. 350/-	30 Days	All Class are eligible
3.	R/R Damages on Mealth Quinal Golu Krall road in K.M. 0/00 to 10/500 (SH:- C/o, R/Wall at R.D. 6/00 to 6/012.5)	Rs. 3,31,078/-	Rs. 7700/-	Rs. 350/-	30 Days	All Class are eligible
4.	R/R Damages on Link road to Reot in K.M. 0/00 to 2/00 (SH:- C/o, R/Wall at R.D. 1/810 to 1/836)	Rs. 4,69,154/-	Rs. 9400/-	Rs. 350/-	30 Days	All Class are eligible
5.	R/R Damages on Mealth Quinal Golu Krall road in K.M. 0/00 to 10/500 (SH:- C/o, R/Wall at R.D. 0/930 to 0/942)	Rs. 4,99,609/-	Rs. 10,000/-	Rs. 350/-	30 Days	All Class are eligible

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6.	R/R Damages on Gazta Joney Nihari road in K.M. 0/00 to 16/00 (SH:- C/o, R/Wall at R.D. 0/613 to 0/625 and 4/180 to 4/190)	Rs. 4,87,104/-	Rs. 9800/-	Rs. 350/-	30 Days	All Class are eligible
7.	R/R Damages on Mealth Quinal Golu Krall road in K.M. 0/00 to 10/500 (SH:- C/o, R/Wall at R.D. 0/862 to 0/900)	Rs. 2,92,802/-	Rs. 5900/-	Rs. 350/-	30 Days	All Class are eligible
8.	R/R Damages on Koku Nallah Dharonk road in K.M. 0/00 to 8/500 (SH:- C/o, R/Wall at R.D. 1/260 to 1/267.50)	Rs. 2,46,648/-	Rs. 5000/-	Rs. 350/-	30 Days	All Class are eligible
9.	R/R Damages on Bagheri Barech road in K.M. 0/00 to 3/500 (SH:- C/o, R/Wall at R.D. 0/105 to 0/116)	Rs. 4,83,872/-	Rs. 6700/-	Rs. 350/-	30 Days	All Class are eligible
10.	R/R Damages on Barvi Garaog Road in K.M. 0/00 to 7/00 (SH:- C/o, B/Wall at R.D. 0/340 to 0/360)	Rs. 4,25,588/-	Rs. 8600/-	Rs. 350/-	30 Days	All Class are eligible
11.	R/R Damages on Bagheri Barech road in K.M. 0/00 to 3/500 (SH:- C/o, R/Wall at R.D. 3/095 to 3/117)	Rs. 4,74,814/-	Rs. 9500/-	Rs. 350/-	30 Days	All Class are eligible
12.	R/R Damages on Rajdarbar Darkoti road in K.M. 0/00 to 2/00 (SH:- C/o, R/Wall at R.D. 1/395 to 1/405.70)	Rs. 2,18,187/-	Rs. 4400/-	Rs. 350/-	30 Days	All Class are eligible
13.	R/R Damages on Chole Badrooni Gahrog Bari link road in K.M. 0/00 to 3/375 (SH:- C/o, R/Wall at R.D. 2/525 to 2/535)	Rs. 3,56,268/-	Rs. 7200/-	Rs. 350/-	30 Days	All Class are eligible
14.	R/R Damages on Bagheri Barech road in K.M. 0/00 to 3/500 (SH:- C/o, B/Wall at R.D. 3/106 to 3/116, R/Wall at R.D. 2/200 to 2/208)	Rs. 2,64,656/-	Rs. 5300/-	Rs. 350/-	30 Days	All Class are eligible
15.	R/R Damages on Himri Valley road in K.M. 0/00 to 17/600 (SH:- C/o, R/Wall at R.D. 6/480 to 6/505)	Rs. 4,99,378/-	Rs. 10,000/-	Rs. 350/-	30 Days	All Class are eligible
16.	R/R Damages on Devgarh Beon Road in K.M. 0/00 to 7/885 (SH:- C/o, R/Wall at R.D. 1/780 to 1/800)	Rs. 4,99,446/-	Rs. 10,000/-	Rs. 350/-	30 Days	All Class are eligible
17.	R/R Damages on Barvi Garaog road in K.M. 0/00 to 7/00 (SH:- C/o, R/Wall at R.D. 0/420 to 0/430)	Rs. 4,97,329/-	Rs. 10,000/-	Rs. 350/-	30 Days	All Class are eligible

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18.	R/R Damages on Mealth Quinal Golu Krall road in K.M. 0/00 to 10/500 (SH:- C/o, R/Wall at R.D. 5/087 to 5/096)	Rs. 3,58,905/-	Rs. 7200/-	Rs. 350/-	30 Days	All Class are eligible
19.	R/R Damages on Himri Valley road in K.M. 0/00 to 17/600 (SH:- C/o, R/Wall at R.D. 3/105 to 3/125)	Rs. 4,98,752/-	Rs. 10,000/-	Rs. 350/-	30 Days	All Class are eligible
20.	R/R Damages on Kuri Kharyana road in K.M. 0/00 to 5/100 (SH:- C/o, B/Wall at R.D. 4/030 to 4/040)	Rs. 2,51,694/-	Rs. 5100/-	Rs. 350/-	30 Days	All Class are eligible
21.	R/R Damages on Mealth Quinal Golu Krall road in K.M. 0/00 to 10/500 (SH:- C/o, B/Wall at R.D. 8/655 to 8/665, 8/930 to 8/945, 9/100 to 9/120)	Rs. 3,28,943/-	Rs. 6600/-	Rs. 350/-	30 Days	All Class are eligible
22.	R/R Damages on Himri Valley road in K.M. 0/00 to 17/600 (SH:- C/o, B/Wall at R.D. 12/340 to 12/365)	Rs. 3,47,818/-	Rs. 7000/-	Rs. 350/-	30 Days	All Class are eligible
23.	R/R Damages on Barvi Garaog road in K.M. 0/00 to 7/00 (SH:- P/L, Kharanja stone soling in various RDs)	Rs. 4,34,948/-	Rs. 8700/-	Rs. 350/-	30 Days	All Class are eligible
24.	R/R Damages on Kuri Kharyana Halai Road in K.M. 0/00 to 5/100 (SH:- C/o, R/Wall at R.D. 0/615 to 0/625)	Rs. 4,30,927/-	Rs. 8700/-	Rs. 350/-	30 Days	All Class are eligible
25.	R/R Damages on Link road to Saintari road in K.M. 0/00 to 0/315 (SH:- C/o, B/Wall at R.D. 0/121 to 0/125 and 0/130 to 0/137.50)	Rs. 2,18,426/-	Rs. 4400/-	Rs. 350/-	30 Days	All Class are eligible

Certified that tender of above works are being called of emergent nature in exigency of public interest.

Terms and Conditions: -

1. The contractor should produce a copy of enlistment / renewal letter at time of application.
2. Executive Engineer reserves the right to reject / cancel any or all the tenders without assigning any reasons.
3. The contractor / firm shall have his registration and GST No., the copy of same be attached with the application.
4. The earnest money shall be deposited duly pledged in favour of Executive Engineer, Division Kotkhai, HPPWD Kotkhai and cost of tender form for the above works should be submitted with the application for the purchase of tender forms. The applications received without earnest money and cost of tender form shall be similarly rejected.
5. The contractor / firms are requested to insert the rate of each item in words as in figures failing which XEN reserves the rights to accept / reject any tender without assigning any reasons at any stage.

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6. The tender shall be issued to those contractors who have not more than two works in hand.
7. If any date mentioned above happens to be a holiday, the same will be processed on the next day.

Executive Engineer,
(B&R) Division, HPPWD,
Kotkhai.

No:- PW-KD-E-Tender/2023-24:-2875-82

Dated:- 4-9-2023

Copy forwarded to the following for information and necessary action to:-

1. The Chief Engineer (SZ), HPPWD, Nirman Bhawan, Nigam Vihar, Shimla-II.
2. The Superintending Engineer, 14th Circle, HPPWD Rohru.
3. The Director, Information and Public Relations, Suchna Avam Jan Sampark Bhawan, Near H.P. Administrative Tribunal, Shimla, through iproams.himachalpr.gov.in for publishing in the weekly as well as daily leading news papers / Giri Raj both in Hindi / English as per status of the tenders in pursuance to the standing instruction.
4. The Executive Engineer (IT) O/o Engineer-in-Chief HPPWD Shimla through email-eeict-pwd-shi@hp.gov.in & cc-pwd-hp@nic.in for uploading the same on HPPWD web portal.
5. All the Assistant Engineer working under this Division.
6. Drawing Branch in this office.
7. Notice Board.

Executive Engineer,
(B&R) Division, HPPWD,
Kotkhai.

SCHEDULE OF QUANTITY

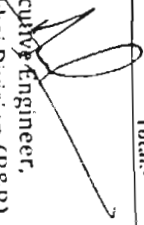
Job No 1

Estimated cost:- 430214.00
Earnest money:- 8700.00
Time:- Two Month

Name of Work :-R/R Damages on Mealth Quinal Golu Krall road Km 0/00 to 10/500(SH:- C/o R/Wall at R.D 6/485 to 6/497)

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount
1	Excavation in Hill area by manual/mechanical means:- Excavation in soil in hill areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out rock (where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights and all leads as directed by the Engineer-in-Charge, in conformately with the requirement of technical specification of rural roads clause 1603.1 all useful material such as stone, shingle, aggregates& slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	13.50	Per Cubic metre.			
2	Earth work 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 all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth, as directed by the Engineer-in-Charge all useful material such as stone, shingle, aggregates& slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public form work in R/walls 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 25 mm nominal size)including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	30.60	Per Cubic metre.			
3	Providing and laying in position cement concrete of specified grade including the cost of form work in R/walls 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 25 mm nominal size)including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	11.40	Per Cubic metre.			
4	Stone masonry work in cement mortar in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 with random rubble masonry in cement mortar 1:6 (1 cement : 6 sand) . including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	47.25	Per Cubic metre.			
5	Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012.MORTH Clause 2500, of required size. Mesh Type 10x12(D=100mm with tolerance of ± 2%) Zinc+PVC coated. Mesh wire diameter 2.7/3.7mm, mechanically edged/selvedged with partitions at every 1m interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2/3.2mm(ID/OD), supplied @3% by weight of Gabion boxes, filled with boulders with least dimension of 200 mm, as per	37.50	Per Cubic metre.			

6	Providing weep holes in brick/ stone / plain reinforced concrete abutment, wing wall, return walls with 100 mm dia PVC pipe extending through the full width of the structure with slope of 1V : 20H towards drawing face complete as per drawing and technical specifications clauses 614, 709 and 1204.3.7 including carriage of material within all leads and lifts and other incidentals, including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	10.00	No			
7	Backfilling / Filter media with granular material behind retaining wall/breast wall as per specification 1204.3.8 in a width of 600 mm, including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	8.28	Per Cubic metre.			
Total:-						


 Executive Engineer,
 Kotkhai Division (B&R)
 HP.PWD, Kotkhai.

SCHEDULE OF QUANTITY

Estimated cost:- 491379.00
 Earnest money:- 9000.00
 Time:- Two Month

Name of Work : R/R Damages on Ramnagar Thana Adyog Mihani Road Km 0/00 to 8/500. (SH:- C/O R/Wall at RD 6/915 to 6/925)

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount
1	Excavation in hill area by manual/mechanical means. Excavation in soil in hill areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out rock where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights and all leads as directed by the Engineer-in-Charge in conformity with the requirement of technical specification of rural roads clause 1603.1 all useful material such as stone, shingle, aggregates, slate etc shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	18.200	Per Cubic metre.			
2	Earth work 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 all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth as directed by the Engineer-in-Charge all useful material such as stone, shingle, aggregates, slate etc shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	42.00	Per Cubic metre.			
3	Providing and laying cement concrete 1:6:12 (1 cement 6 sand 12 graded stone 40mm aggregate nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803, 1202 and 1203 including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	42.00	Per Cubic metre.			
4	Providing and laying in position cement concrete of specified grade including the cost of form work in R/Walls 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 25 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	47.00	Per Cubic metre			
5	Providing weep holes in brick/ stone / plain reinforced concrete abutment wing wall, return walls with 100 mm dia PVC pipe extending through the full width of the structure with slope of 1V : 20H towards drawing face complete as per drawing and technical specifications clauses 614, 709 and 1204.3.7 including cartage of material within all leads and lifts and other incidentals including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	24.00	No			
6	Backfilling / Filter media with granular material behind retaining wall / breast wall as per specification 1204.3.8 in a width of 600 mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	6.00	Per Cubic metre.			
Total:-						

Executive Engineer,
 Kotkhai Division (B&R)
 H.P.W.D., Kotkhai.

SCHEDULE OF QUANTITY

Job No 3

Estimated cost:- 331078.00
Earnest money:- 77000.00
Time:- Two Month

Name of Work :R/R Damages on Meath Quinal Golu Krall road Km 0/00 to 10/500(SH:- C/o R/Wall at R.D 6/00 to 6/012.5)

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount
1	Excavation in hill areas by manual/mechanical means. Excavation in soil in hill areas all heights and depth in all kind of soil including saturated soil consisting of mixed soil, ordinary rock and hard rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out rock (where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights and all leads as directed by the Engineer-in-Charge. In conformity with the requirement of technical specification of rural roads clause 1603.1 all useful material such as stone, shingle, aggregates, slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of excavation shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	15.000	Per Cubic metre.			
2	Earth work in excavation for structures as per drawing and technical specifications Clause 105.1 including setting out, construction of shoring and bracing, removal of stumps and other detentions material and disposal upto all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth as directed by the Engineer-in-Charge, all useful material such as stone, shingle, aggregates, slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of excavation shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	10.00	Per Cubic metre.			
3	Providing and laying in position cement concrete of specified grade including the cost of form work in R/walls 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 25 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	10.00	Per Cubic metre.			
4	Stone masonry work in cement mortar in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 with random rubble masonry in cement mortar 1:6 (1 cement : 6 sand). Including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	28.12	Per Cubic metre.			
5	Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion boxes as per IS 16014:2012, MORTH Clause 2500, of required size, Mesh Type 10x12(1)=100mm with tolerance of ± 2% Zinc-PVC coated, Mesh wire diameter 2.7/3.7mm, mechanically edged/seiwaged with partitions at every 1m interval and shall have minimum 10 numbers of openings per meter of mesh per perpendicular to flow, filling with having wire of diameter 2.2/3.2mm(17/0D), supplied @3% by weight of Gabion boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per directions of Engineer-in-Charge.	39.06	Per Cubic metre.			
6	Providing weep holes in brick/stone/plum reinforced concrete abutment, wing wall, return walls with 100 mm dia PVC pipe extending through the full width of the structure with slope of 1V : 20H towards drawing face complete as per drawing and technical specifications clauses 614, 709 and 1204.3.7 including carriage of material within all leads and lifts and other materials including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	10.00	No			
7	Backfilling/Filler media with granular material behind retaining wall/breast wall as per specification 1204.3.8 in a width of 600 mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	8.63	Per Cubic metre.			
Total:-						

Executing Engineer,
Korkhal Division (B&R)
KOTKHAL

SCHEDULE OF QUANTITY

Name of Work :R/R Damages on link road to Reot km 0/00 to 2/00 (Sh:- C/o R/Wall at R.d 1/810 to 1/836)

Estimated cost:- 469154.00
 Earnest money:- 9400.00
 Time:- Two Month

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount
1	Excavation in full area by manual/mechanical means. Excavation in soil in full areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary soil and hard rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out rock where blasting is prohibited. In hauling, cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights and all leads as directed by the Engineer in-Charge. In conformity with the requirement of technical specification of rural roads clause 1003.1 all useful material such as stone, shingle, aggregates, slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	29.30	Per Cubic metre.			
2	Earth work in excavation for structures as per drawing and technical specifications Clause 303.1 including setting out, construction of shooting and in acting, removal of stumps and other obstructions material and disposal upto all leads dressing of sides and bottom and back filling in trenches with excavated suitable material. In ordinary soil upto all depth as directed by the Engineer in-Charge all useful material such as stone, shingle, aggregates, slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	6.2	Per Cubic metre.			
3	Providing and laying in position cement concrete of specified grade including the cost of form work in R/walls. 1:4:1 (1 Cement : 4 coarse sand : 8 graded stone aggregate 25 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	5.9	Per Cubic metre.			
4	Stone masonry work in cement mortar in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 with random rubble masonry in cement mortar 1:6 (1 cement : 6 sand). Including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	88.1	Per Cubic metre.			
5	Providing weep holes in brick/stone / plain reinforced concrete abutment, wing wall, return walls with 100 mm dia PVC pipe extending through the full width of the structure with slope of 1V : 20H towards drawing face complete as per drawing and technical specifications clauses 614, 709 and 1204.37 including carriage of material within all leads and lifts and other incidentals, including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	20.0	No			
6	Backfilling /Filter media with granular material behind retaining wall/breast wall as per specification 1204.38 in a width of 600 mm, including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	11.7	Per Cubic metre.			
Total:-						

Executive Engineer,
 Kottahai Division (B&R)
 AP.PWD., Kottahai.

SCHEDULE OF QUANTITY

Job No 5

Estimated cost:-
Earnest money:-
Time:-

499609.00
10000.00
Two Month

Name of Work :R/R Damages on Mealth Quinal Golu Krall road km 0/00 to 10/500 (SH:- C/o R/Wall at R.D 0/930 to 0/942)

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount.
1	Excavation in hill area by manual/mechanical means:- Excavation in soil in hill areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out rock (where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights and all leads as directed by the Engineer-in-Charge. In conformity with the requirement of technical specification of rural roads clause 1603.1 all useful material such as stone, shingle, aggregates, slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	37.70	Per Cubic metre.			
2	Earth work in excavation for structures as per drawing and technical specifications Clause 385.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth, as directed by the Engineer-in-Charge; all useful material such as stone, shingle, aggregates, slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	15.90	Per Cubic metre.			
3	Providing and laying cement concrete 1:6:12 (1 cement:6 sand : 12 graded stone 40mm aggregate nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803, 1202 and 1203 including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	10.20	Per Cubic metre.			
4	Stone masonry work in cement mortar in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 with random rubble masonry in cement mortar 1:6 (1 cement: 6 sand) . Including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	91.40	Per Cubic metre.			
5	Providing weep holes in brick/ stone / plain reinforced concrete abutment, wing wall, return walls with 100 mm dia PVC pipe extending through the full width of the structure with slope of 1V : 20H towards drawing face complete as per drawing and technical specifications clauses 614, 709 and 1204.3.7 Including carriage of material within all leads and lifts and other incidentals, including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	14.00	Each			
6	Backfilling /Filter media with granular material behind retaining wall/breast wall as per specification 1204.3.8 in a width of 600 mm, including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	6.80	Per Cubic metre.			
Total:-						

Executive Engineer
HPPWD&RT Division
Korkhai

SCHEDULE OF QUANTITY

Job No 6


Estimated cost:-
Earnest money:-

Time:-

487104.00
9800.00
Two Month

Name of Work : R/R Damages on Gazta Joney Nihari road Km 0/00 to 16/00 (SH:- C/O R/Wall at Rd 0/613 to 0/625 & 4/180 to 4/190)

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount.
1	Earth work 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 all leads . dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth, as directed by the Engineer-in-Charge, all useful material such as stone, shingle, aggregates & slate etc. shall be sorted out and stacked along the road side property. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	25.46	Per Cubic metre.			
2	Providing and laying in position cement concrete of specified grade including the cost of form work in R/walls 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	63.30	Per Cubic metre.			
3	Stone masonry work in cement mortar in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 with random rubble masonry in cement mortar 1:6 (1 cement : 6 sand) : including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	17.90	Per Cubic metre.			
4	Backfilling / Filter media with granular material behind retaining wall / breast wall as per specification 1204.3.8 in a width of 600 mm. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	30.78	Per Cubic metre.			
5	Providing weep holes in brick/ stone / plain reinforced concrete abutment, wing wall, return walls with 100 mm dia PVC pipe extending through the full width of the structure with slope of 1V : 20H towards drawing face complete as per drawing and technical specifications clauses 614, 709 and 1204.3.7 including carriage of material within all leads and lifts and other incidentals, including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	42.00	Each			
Total:						


 Executive Engineer,
 Kotkhal Division (B&R)
 HP.PWD., Kotkhal.

SCHEDULE OF QUANTITY

Job No 7

Estimated cost:- 292802.00

Earnest money:- 5900.00

Time:- Two Month

Name of Work :R/R Damages on Mealth Quinal Golu Krall road km 0/00 to 10/500 (SH:- C/o R/Wall at R.D 0/862 to 0/900)

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount.
1	Excavation in till area by manual/mechanical means: Excavation in soil in hill areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out rock where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights and all leads as directed by the Engineer-in-Charge. in conformity with the requirement of technical specification of rural roads clause 1603.1 all useful material such as stone, shingle, aggregates& slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	594	Per Cubic metre			
2	Earth work 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 all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth, as directed by the Engineer-in-Charge; all useful material such as stone, shingle, aggregates& slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	1482	Per Cubic metre			
3	Providing and laying in position cement concrete of specified grade including the cost of form work in R/walls 148 (1) Cement. 4 coarse sand. 8 graded stone aggregate 25 mm nominal size)including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge	1482	Per Cubic metre			
4	Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion boxes as per IS 16014 2012,MORTH Clause 2500, of required size. Mesh Type 10x12(10=100mm with tolerance of + 2%) Zinc+PVC coated. Mesh wire diameter 2.7/3.7mm, mechanically edged/selfedged with partitions at every 1m interval and shall have minimum 10 numbers of openings per meter of mesh; perpendicular to twist, tying with lacing wire of diameter 2.2/3.2mm(II/OD), supplied @ 3% by weight of Gabion boxes, filled with Backfilling/Filter media with granular material behind retaining wall/breast wall as per specification 1204.3.8 in a width of 600 mm. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge	5938	Per Cubic metre.			
6		1140	Per Cubic metre.			
Total:-						

Executive Engineer,
Kotkhai Division (B&R)
H.P.P.W.D., Kotkhai.

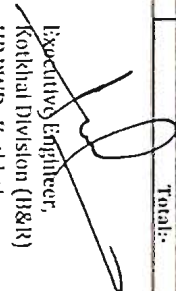
SCHEDULE OF QUANTITY

Job No 8

Name of Work :R/R Damages on Koku Nalla Dharank road km 0/00 to 8/500 (SII:- C/o R/Wall at Rd 1/260 to 1/267.50)

Estimated cost:- 246648.00
 Earnest money:- 5000.00
 Time:- Two Month

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount.
1	Earth work in excavation for structures as per drawing and technical specifications Clause 103.1 including setting out, construction of shooting and bracing, removal of stumps and other deteriorated material and disposal upto all levels, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depths as directed by the Engineer in Charge all useful material such as stone, shingle, aggregates, slate etc. shall be sorted out and stacked along the road side properly. Any loss in the public and private property during the course of excavation shall be the absolute responsibility of the contractor which shall have to be fully compensated by him in all cases.	7.69	Per Cubic metre.			
2	Providing & making gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh gabion boxes as per IS 16114:2012, MORTH Clause 2500, of required size, Mesh Type 10X12(1)-100mm with tolerance of ± 296) Zone-IV coated. Mesh wire diameter 2.7/3.7mm, mechanically edged/sealed with partitions at every 1m interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to flow, (giving with baring wire of diameter 2.2/3.2mm(11/16), supplied @ 96g by weight of gabion boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per directions of Engineer in charge.	70.31	Per Cubic metre.			
3	Backfilling /filler media with 81 angular material behind retaining wall/in cast wall as per specification 1204.3.11 in a width of 600 mm including hauling of material in all loads and lifts as per the entire satisfaction and direction of the Engineer in Charge.	12.56	Per Cubic metre.			
Total:-						


 Executive Engineer,
 Kotkal Division (B&R)
 H.P.P.W.D., Kotkal.

SCHEDULE OF QUANTITY

Job No 9

Estimated cost:- 483872.00
Earnest money:- 6700.00
Time:- Two Month

Name of Work : R/R Damages on Bagheri Barech 0/00 to 3/500 (Sill:- C/o R/Wall at R.D 0/105 to 0/116)

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount.
1	Excavation in fill area by manual/mechanical means. Excavation in soil in fill areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side. Back shall be excavated with chiselling and wedging not rock where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights as directed by the Engineer-in-Charge. In conformity with the requirement of technical specification of road works clause 1003.1. All useful material such as stone, shingle, aggregate, slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of excavation shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	18.700	Per Cubic metre.			
2	Earth work 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 all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth as directed by the Engineer-in-Charge all useful material such as stone, shingle, aggregate, slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of excavation shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	48.10	Per Cubic metre.			
3	Providing and laying in position cement concrete of specified grade including the cost of form work in R/walls 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 25 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	12.40	Per Cubic metre.			
4	Stone masonry work in cement mortar in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 with random rubble masonry in cement mortar 1:6 (1 cement to sand) including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	57.80	Per Cubic metre.			
	Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012 MORTH Clause 2500, of required size, Mesh Type 10x12 (D=100mm with tolerance of ± 2%) Zinc+PVC coated. Mesh wire diameter 2.7/3.7mm, mechanically edged/selvedged with partitions at every 1m interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2/3.2mm (D/OD), supplied @3% by weight of Gabion boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per directions of Engineer-in-Charge.	34.40	Per Cubic metre.			
6	Providing sweep holes in brick/stone / plain reinforced concrete abutment, wing wall, return walls with 100 mm dia PVC pipe extending through the full width of the structure with slope of 1V : 20H towards drawing face complete as per drawing and technical specifications clauses 614, 709 and 1204-3.7 including carriage of material within all leads and lifts and other incidentals, including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	11.00	No			
7	Backfilling / Filter media with granular material behind retaining wall/breast wall as per specification 1204.38 in a width of 600 mm, including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	7.70	Per Cubic metre.			
Total:-						

Executive Engineer,
Kopkai Division (B&R)
HP.PWD, Kotkhai.

SCHEDULE OF QUANTITY

Job no 10

Estimated cost:- 425588.00
Earnest money:- 8600.00
Time:- Two Month

Name of Work :R/R Damages on Barvi Garaog road km 0/00 to 7/00 (SH:- C/O B/wall at RD 0/340 to 0/360)

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount
1	Excavation in Hill area by manual/mechanical means:- Excavation in soil in hill areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out rock where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights and all leads as directed by the Engineer-in-Charge, in conformity with the requirement of technical specification of rural roads clause 1603.1 all useful material such as stone, shingle, aggregates& slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	91.35	Per Cubic metre.			
2	Earth work 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 all leads . dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth, as directed by the Engineer-in-Charge all useful material such as stone, shingle, aggregates& slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	13.11	Per Cubic metre.			
3	Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012,MORTH Clause 2500, of required size, Mesh Type 10x12(D=100mm with tolerance of ± 2%) Zinc+PVC coated, Mesh wire diameter 2.7/3.7mm, mechanically edged/selvedged with partitions at every 1m interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2/3.2mm(ID/OD), supplied @3% by weight of Gabion boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per directions of Engineer-in-charge.	125.00	Per Cubic metre.			
Total:-						

Exeptive Engineer,
Kotkhai Division (B&R)
HP.PWD., Kotkhai.

SCHEDULE OF QUANTITY

Job No 11

Estimated cost:-
Earnest money:-
Time:-

474818.00
9500.00
Two Month

Name of Work :R/R Damages on Bagheri Barech 0/00 to 3/500 (SH:- R/Wall at Rd 3/095 to 3/117)

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount
1	Excavation in Hill area by manual/mechanical means:- Excavation in soil in hill areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out rock(where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights and all leads as directed by the Engineer-in-Charge, in conformity with the requirement of technical specification of rural roads clause 1603.1 all useful material such as stone, shingle, aggregates& slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	28.890	Per Cubic metre.			
2	Earth work 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 in ordinary soil upto all depths, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth, as directed by the Engineer-in-Charge all useful material such as stone, shingle, aggregates& slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	8.91	Per Cubic metre.			
3	Providing and laying cement concrete 1:6:12 (1 cement:6 sand : 12 graded stone 40mm aggregate nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802.803, 1202 and 1203,including the cost of form work and hauling of material in all leads and lifts as per the entire	8.91	Per Cubic metre.			
4	Stone masonry work in cement mortar in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 with random rubble masonry in cement mortar 1:6 (1 cement :6 sand) . including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	40.04	Per Cubic metre.			
5	Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012,MORTH Clause 2500. of required size, Mesh Type 10x12(D=100mm with tolerance of ± 2%) Zinic+PVC coated, Mesh wire diameter 2.7/3.7mm, mechanically edged/selvedged with partitions at every 1m interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2/3.2mm(1D/OD), supplied @3% by weight of Gabion boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per directions of Engineer-in-charge.	68.75	Per Cubic metre.			
6	Backfilling /Filter media with granular material behind retaining wall/breast wall as per specification 1204.3.8 in a width of 600 mm, including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	12.41	Per Cubic metre.			
					Total:-	

Executive Engineer,
Kotkhai Division (B&R)
HP.PWD., Kotkhai.

SCHEDULE OF QUANTITY

Job No 12

Estimated cost:-
Earnest money:-
Time:-

218187.00
4400.00
Two Month

Name of Work :R/R Damages on Rajdarbar Darkoti road km 0/00 to 2/00 (Sh:- C/o R/wall at 1/395 to 1/405.70)

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount.
1	Earth work 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 obstructions material and disposal upto all leads, dressing of sides and bottom and back filling in term lies with excavated suitable material in ordinary soil upto all depth, as directed by the Engineer-in-Charge all useful material such as stone, shingle, aggregate, slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	6.64	Per Cubic metre			
2	Graveling and laying in position cement concrete of specified grade including the cost of form work in R/walls, 1.4 B (1 Cement 4 coarse sand : If graded stone aggregate 40 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer in Charge	4.43	Per Cubic metre			
3	Stage masonry work in cement mortar in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 with random rubble masonry in cement mortar 1/6 (1 cement to sand), including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer in Charge	40.14	Per Cubic metre			
4	Backfilling /Filling media with granular material behind retaining wall/burst wall as per specification 1204.3 B in a width of 600 mm, including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer in Charge.	4.90	Per Cubic metre			
Total						

Executive Engineer,
Kotkhal Division (B&R)
H.P.W.D, Kotkhal.

SCHEDULE OF QUANTITY

Estimated cost:-
Earnest money:-

Time:-

356268.00
7200.00
Two Month

Name of Work :R/R Damages on Chole badrooni Gehrog bari link road km 0/00 to 3/375 (Sh:- C/o R/wall at Rd 2/525 to 2/535)

Sr.No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount
1	Earth work 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 all leads dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth as directed by the Engineer-in-Charge all useful material such as stone, shingle, aggregate, slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases	32.40	Per Cubic metre.			
2	Providing and laying in position cement concrete of specified grade including the cost of form work in R/walls 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 25 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge	60.00	Per Cubic metre.			
3	Providing weep holes in brick/ stone / plain reinforced concrete abutment wing wall, return walls with 100 mm dia PVC pipe extending through the full width of the structure with slope of 1V : 20H towards drainage face complete as per drawing and technical specifications clauses 614, 709 and 1204.3.7 including carriage of material within all leads and lifts and other incidents including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	30.00	Each			
4	Backfilling / Riser masonry with granular material behind retaining wall / or cast wall as per specification 1204.3.8 to a width of 600 mm. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	9.00	Per Cubic metre.			
Total:-						

Executive Engineer,
Korchaal Division (B&R)
HP PWD, Korchaal

SCHEDULE OF QUANTITY

Job No 14

Name of Work :R/R Damages on Bagheri Barech 0/00 to 3/500 (SH:- C/o B/Wall at R.D 3/106 to 3/116, R/Wall at Rd 2/200 to 2/208)

Estimated cost:- 264656.00
Earnest money:- 5300.00
Time:- Two Month

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount
1	Excavation in Hill area by manual/mechanical means:- Excavation in soil in hill areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out rock (where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights and all leads as directed by the Engineer-in-Charge, in conformity with the requirement of technical specification of rural roads clause 1603.1 all useful material such as stone, shingle, aggregates & slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	11.800	Per Cubic metre.			
2	Earth work 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 all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth as directed by the Engineer-in-Charge all useful material such as stone, shingle, aggregates & slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	16.35	Per Cubic metre.			
3	Providing and laying cement concrete 1:6:12 (1 cement:6 sand : 12 graded stone 40mm aggregate nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802.803, 1202 and 1203 including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	3.68	Per Cubic metre.			
4	Stone masonry work in cement mortar in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 with random rubble masonry in cement mortar 1:6 (1 cement: 6 sand) including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	27.70	Per Cubic metre.			
5	Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012/MORTH Clause 2500, of required size. Mesh Type 10x12 (D=100mm with tolerance of ± 2%) Zinc+PVC coated. Mesh wire diameter 2.7/3.7mm, mechanically edged/selvedged with partitions at every 1m interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist. Tying with lacing wire of diameter 2.2/3.2mm (D/OD), supplied @3% by weight of Gabion boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per directions of Engineer-in-charge.	31.25	Per Cubic metre.			
6	Providing weep holes in brick/ stone / plain reinforced concrete abutment, wing wall, return walls with 100 mm dia PVC pipe extending through the full width of the structure with slope of 1V : 20H towards drawing face complete as per drawing and technical specifications clauses 614, 709 and 1204.3.7 including carriage of material within all leads and lifts and other incidentals, including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	8.00	Per Cubic metre.			
7	Backfilling /Filter media with granular material behind retaining wall/breast wall as per specification 1204.3.8 in a width of 600 mm, including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	4.20	Per Cubic metre.			
	Total:-					

Executive Engineer
HP PWD (B&R) Division
Kothmale

SCHEDULE OF QUANTITY

Job.No 15

Name of Work :- R/R Damages on Himri Valley road Km 0/0 to 17/600.
(SH:- C/O R/Wall at RD 6/480 to 6/505).

Estimated cost:- 499378.00
Earnest money:- 10000.00
Time:- Two Month

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount.
1	Earth work 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 detritious material and disposal upto all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depths as directed by the Engineer-in-Charge all useful material such as stone, shingle, aggregates, slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	66.00	per cubic metre			
2	Providing and laying in position cement concrete of specified grade including the cost of form work in R/walls 1:6:12 (1 Cement : 6 coarse sand : 12 graded stone aggregate 40 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	6.38	Per Cubic metre.			
3	Random rubble stone masonry in cement mortar 1:5 (1 cement:sand) for in foundation & super-structure complete like Retaining wall, breast walls, wing walls and similar works etc. in all heights complete as per drawing and technical specification for rural roads under Clauses 702, 704, 1202 & 1203 including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	87.50	Per Cubic metre.			
4	Providing weep holes in brick/ stone / plain reinforced concrete abutment, wing wall, return walls with 100 mm dia PVC pipe extending through the full width of the structure with slope of 1V : 20H towards drawing face complete as per drawing and technical specifications clauses 614, 709 and 1204.3.7 including carriage of material within all leads and lifts and other incidentals, including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	34.00	Each			
5	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification clause 1204.3.8 with granular material including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	15.00	Per Cubic metre.			
Total:-						

Executive Engineer,
Kotkhai Division (B&R)
HP, PWD, Kotkhai.

SCHEDULE OF QUANTITY

Job No 16

Name of Work :- R/R Damages on Devgarh Beon road Km 0/0 to 7/1005
(Sh- C/O R/Wall at RD 1/780 to 1/800).

Estimated cost: 499446.00
Earned money: 10000.00
Time: Two Month

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount.
1	Earth work in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shooting and bracing, removal of stumps and other deleterious material and disposal upto all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material. In ordinary soil upto all depth, as directed by the Engineer-in-Charge all useful material such as stone, shingle, aggregates & slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	68.40	per cubic metre			
2	Providing and laying in position cement concrete of specified grade including the cost of form work in R/walls 1:6:12 (1 Cement : 6 coarse sand : 12 graded stone aggregate 40 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	5.70	Per Cubic metre.			
3	Random rubble stone masonry in cement mortar 1:6 (1 cement:6 sand) for in foundation & super-structure complete like Retaining wall, breast walls, wing walls and similar works etc. in all heights complete as per drawing and technical specification for rural roads under Clauses 702, 704, 1202 & 1203 including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	88.00	Per Cubic metre.			
4	Providing weep holes in brick/ stone / plain reinforced concrete abutment, wing wall, return walls with 100 mm dia PVC pipe extending through the full width of the structure with slope of 1V : 20H towards drawing face complete as per drawing and technical specifications clauses 614, 709 and 1204.3.7 including carriage of material within all leads and lifts and other incidentals, including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	40.00	Each			
5	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification clause 1204.3.8 with granular material including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	13.20	Per Cubic metre.			
Total:-						

Executive Engineer,
Kotkhat Division (B&R)
H.P.W.D., Kothai.

SCHEDULE OF QUANTITY

Job No 17

Estimated cost:- 497329.00
Earnest money:- 10000.00
Time:- Two Month

Name of Work :R/R Damages on Barvi Garaog road Km 0/00 to 7/00 (Sh:- C/O R/wall at Rd 0/420 to 0/430)

Sr.No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount.
1	Excavation in hill area by manual/mechanical means:- Excavation in soil in hill areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock(where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights and all leads as directed by the Engineer-in-Charge. In conformity with the requirement of technical specification of rural roads clause 1603.1 all useful material such as stone, shingle, aggregates, slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	93.84	Per Cubic metre.			
2	Earth work 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 detestuous material and disposal upto all leads, dressing of slides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth, as directed by the Engineer-in-Charge all useful material such as stone, shingle, aggregates, slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	21.25	Per Cubic metre.			
3	Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012, MORTH Clause 2500, of required size, Mesh Type 10x12(D=100mm with tolerance of $\pm 2\%$) Zmic+PVC coated, Mesh wire diameter 2.7/3.7mm, mechanically edged/setwedge with partitions at every 1m interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist. Tying with lacing wire of diameter 2.2/3.2mm(ID/OD), supplied @3% by weight of Gabion boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per directions of Engineer-in-charge.	140.63	Per Cubic metre.			
4	Backfilling /Filter media with granular material behind retaining wall/breast wall as per specification 1204.3.8 in a width of 600 mm, including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	12.50	Per Cubic metre.			
Total:-						

Executive Engineer,
Kotkhai Division (B&R)
HP, DWD, Kotkhai.

SCHEDULE OF QUANTITY

Job No 18

Name of Work : R/R Damages on Mealth Quinal to Golu Krall (SH:- C/o R/Wall at R.D 5/087 to 5/096)

Estimated cost:- 358905.00
Earnest money:- 7200.00
Time:- Two Month

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount.
1	Excavation in hill area by manual/mechanical means. Excavation in soil in hill areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights and all leads as directed by the Engineer in Charge. In conformity with the requirement of technical specification of rural roads clause 1601.1 all useful material such as stone, shingle, aggregate, slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	11.250	Per Cubic metre.			
2	Earth work in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shooting and by using removal of stumps and other deleterious material and disposal upto all leads dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth as directed by the Engineer in Charge all useful material such as stone, shingle, aggregate, slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	25.50	Per Cubic metre			
3	Providing and laying in position cement concrete of specified grade including the cost of form work in R/walls 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 25 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer in Charge.	9.50	Per Cubic metre.			
4	Stone masonry work in cement mortar in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 with random rubble masonry in cement mortar 1 to 1 (cement : 6 sand) including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer in Charge.	39.38	Per Cubic metre.			
5	Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012 MORTH Clause 2500, of required size. Mesh Type 10x12(D=100mm with tolerance of ± 2%) Zinc-PVC coated. Mesh wire diameter 2.7/3 mm, mechanically edged/scrimedged with partitions at every 1m interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist lying with laying wire of diameter 2.2/3 mm(ID/OD) supplied @ 3% by weight of Gabion boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per directions of Engineer in charge.	31.25	Per Cubic metre.			
6	Providing weep holes in brick/ stone / plain reinforced concrete abutment wing wall, return walls with 100 mm dia PVC pipe extending through the full width of the structure with slope of 1V : 20H towards drawing face complete as per drawing and technical specifications clauses 614, 709 and 1204.3.7 including carriage of material within all leads and lifts and other incidentals including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer in Charge.	8.00	No			
7	Backfilling / Filter media with granular material behind retaining wall/breast wall as per specification 1204.3.8 in a width of 600 mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer in Charge.	6.90	Per Cubic metre.			
	Total:-					

Executive Engineer,
Kotchkai Division (B&R)
HP, PWD, Kotchkai.

SCHEDULE OF QUANTITY

Job No 19

Name of Work :-K/R Damages on Ihum Valley road Km 0/0 to 17/600.
(SIR: C/O R/Wall at RD 3/105 to 3/125).

Estimated cost:
Estimated money
Type:

498752.00
10000.00
Two Month

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount
1	Earth work 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 all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depths as directed by the Engineer-in-Charge all useful material such as stone, shingle, aggregate, slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property in during the course of excavation shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	66.60	per cubic metre			
2	Providing and laying in position cement concrete of specified grade including the cost of form work in R/walls. 1:6:12 (1 Cement : 6 course sand : 12 graded stone aggregate 40 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	5.70	Per Cubic metre.			
3	Random rubble stone masonry in cement mortar 1:6(1cement:sand) for in foundation & super structure complete like Retaining wall, breast walls, wing walls and similar works etc. in all heights complete as per drawing and technical specification for rural roads under Clauses 702, 704, 1202 & 1203 including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	88.00	Per Cubic metre.			
4	Providing weep holes in brick/ stone / plain reinforced concrete abutment, wing wall, return walls with 100 mm dia PVC pipe extending through the full width of the structure with slope of 1V : 20H towards drawing face complete as per drawing and technical specifications clauses 614, 709 and 1204.3.7 including carriage of material within all leads and lifts and other incidentals, including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	32.00	Each			
5	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification clause 1204.3.4 with granular material including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	15.60	Per Cubic metre.			
Total:-						

Executive Engineer,
Korlai Division (B&R)
AP, PWD, Korlai.

SCHEDULE OF QUANTITY

Job No 20

Name of Work :- R/R Damages on Kuri Khadyana Halai road Km 0/0 to 5/100
(SH:- C/O B/Wall at RD 4/030 to 4/040).

Estimated cost:- 251694.00
Earnest money:- 5100.00
Time:- Two Month

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount.
1	Earth work 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 all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth, as directed by the Engineer-in-Charge all useful material such as stone, shingle, aggregates & slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	6.62	per cubic metre			
2	Providing and laying in position cement concrete of specified grade including the cost of form work in R/walls 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	45.78	Per Cubic metre.			
3	Providing weep holes in brick/ stone / plain reinforced concrete abutment, wing wall, return walls with 100 mm dia PVC pipe extending through the full width of the structure with slope of 1V : 20H towards drawing face complete as per drawing and technical specifications clauses 614, 709 and 1204.3.7 including carriage of material within all leads and lifts and other incidentals, including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	18.00	Each			
Total:-						

Executive Engineer,
Kotkat Division (B&R)
H.P.W.D., Kotkat.

SCHEDULE OF QUANTITY

Job No 21

Name of Work :R/R Damages on Mealth Quinal Golu Krall road km 0/00 to 10/500 (Sh:- C/o B/wall at R.d 8/655 to 8/665, 8/930 to 8/945, 9/100 to 9/120)

Estimated cost:- 328943.00
Earnest money:- 6600.00
Time:- Two Month

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount
1	Excavation in hill area by manual/mechanical means:- Excavation in soil in hill areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out rock(where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights and all leads as directed by the Engineer-in-Charge, in conformately with the requirement of technical specification of rural roads clause 1603.1 all useful material such as stone, shingle, aggregates& slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	32.5	Cum			
2	Earth work 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 all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth, as directed by the Engineer-in-Charge all useful material such as stone, shingle, aggregates& slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	8.10	Cum			
3	Providing and laying in position cement concrete of specified grade including the cost of form work in R/walls 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 25 mm nominal size)including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	8.10	Cum			
4	Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012MORTH Clause 2500, of required size, Mesh Type 10x12(D=100mm with tolerance of ± 2%) Zinc+PVC coated, Mesh wire diameter 2.7/3.7mm, mechanically edged/selvedged with partitions at every 1m interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2/3.2mm(ID/OD), supplied @3% by weight of Gabion boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per directions of Engineer-in-charge.	85.94	Cum			
Total:-						

Executive Engineer,
Kothnai Division (B&R)
Mr. P.W.D. Kothnai.

SCHEDULE OF QUANTITY

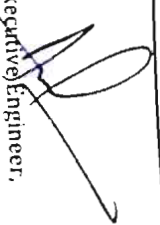
Job No 22

Name of Work :- R/R Damages on Himri Valley road Km 0/0 to 17/600.
(SH:- C/O B/Wall at RD 12/340 to 12/365).

Estimated cost:- 347818.00
Earnest money:- 7000.00
Time:- Two Month

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount.
1	Excavation in Hill area by manual/mechanical means:- Excavation in soil in hill areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out rock (where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights and all leads as directed by the Engineer-in-Charge, in conformity with the requirement of technical specification of rural roads clause 1603.1 all useful material such as stone, shingle, aggregates& slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	42.75	Per Cubic metre.			
2	Earth work 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 all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth. as directed by the Engineer-in-Charge all useful material such as stone, shingle, aggregates& slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	38.25	per cubic metre			
3	Providing and laying in position cement concrete of specified grade including the cost of form work in R/walls 1:6:12 (1 Cement : 6 coarse sand : 12 graded stone aggregate 40 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	6.38	Per Cubic metre.			
4	Random rubble stone masonry in cement mortar 1:6(1cement:6sand) for in foundation & super-structure complete like Retaining wall, breast walls, wing walls and similar works etc. in all heights complete as per drawing and technical specification for rural roads under Clauses 702, 704, 1202 & 1203 including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	61.00	Per Cubic metre.			

5	Providing weep holes in brick/ stone / plain reinforced concrete abutment, wing wall, return walls with 100 mm dia PVC pipe extending through the full width of the structure with slope of 1V : 20H towards drawing face complete as per drawing and technical specifications clauses 614, 709 and 1204.3.7 including cartage of material within all leads and lifts and other incidentals, including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	24.00	Each			
Total:-						


 Executive Engineer,
 Kotkhal Division (B&R)
 HP, PWD, Kotkhal.

SCHEDULE OF QUANTITY

Job No 23

Estimated cost:- 434948.00
Earnest money:- 8700.00
Time:- Two Month

Name of Work : R/R Damages on Barvi Garaog road Km 0/00 to 7/00 (Sh.- P/L Kharanja stone soling in Various Rd's)

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount
1	Preparation of sub-grade by dressing to camber (Earth work for cutting involved for sub-grade to be paid for separately) depending upon the classification of soil including all lead and lifts as per HPPWD, specification of 1990 volume-1 as directed by Engineer-in-charge	750	P/sqm			
2	Stone soling properly hand packed filling interstices with kharanja stone and consolidating with power road roller to the requested gradient and camber including spreading watering and rolling of binding materials and as per the direction of the Engineer-in-Charge including carriage of material through all modes of transportation with in all leads and lifts and other incidentals.	210.00	P/cum			
Total						

Executive Engineer,
Kotkhai Division (B&R)
HP.PWD, Kotkhai.

SCHEDULE OF QUANTITY

Job No 24

Name of Work :- R/R Damages on Kuri Khadyana Halai road Km 0/0 to 5/100
(SH:- C/O R/Wall at RD 0/615 to 0/625).

Estimated cost:- 430927.00
Earnest money:- 8700/-
Time:- Two Month

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount.
1	Earth work 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 all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth as directed by the Engineer-in-Charge all useful material such as stone, shingle, aggregates & slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	9.35	per cubic metre			
2	Providing and laying in position cement concrete of specified grade including the cost of form work in R/walls 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	18.00	Per Cubic metre.			
3	Random rubble stone masonry in cement mortar 1:6 (1 cement 6 sand) for in foundation & super-structure complete as per drawing and technical specification for rural roads under Clauses 702, 704, 1202 & 1203 including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge	62.88	Per Cubic metre.			
4	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification clause 1204.3.8 with granular material including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	22.20	Per Cubic metre.			
5	Providing weep holes in brick/ stone / plain reinforced concrete abutment, wing wall, return walls with 100 mm dia PVC pipe extending through the full width of the structure with slope of 1V : 20H towards drawing face complete as per drawing and technical specifications clauses 614, 709 and 1204.3.7 including cartage of material within all leads and lifts and other incidentals, including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	30.00	Each			
Total:-						


 Executive Engineer,
 Kotbati Division (R&R)
 HPAWD., Kothnah.

SCHEDULE OF QUANTITY

Job No **25**

Estimated cost:- 218426.00
 Earnest money:- 4400.00
 Time:- Two Month

Name of Work :- R/R Damage on link road to Santari Km 0/00 to 0/315
 SH-C/O B/Wall at RD 0/121 to 0/125.80 & 0/130 to 0/137.50

Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount
1 Excavation in Hill area by manual/mechanical means. Excavation in soil in hill areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and banded rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side. Work shall be excavated with chiselling and wedging out rock where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights and all leads as directed by the Engineer in Charge, in conformity with the requirement of technical specification of rural roads clause 1403.1 all useful material such as stone, shingle, aggregate, slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	91.44	Per Cubic metre			
2 Earth work 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 all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth as directed by the Engineer in Charge all useful material such as stone, shingle, aggregate, slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	6.46	Per Cubic metre			
3 Providing and laying in position cement concrete of specified grade including the cost of form work in R/Walls 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 25 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer in Charge	5.17	Per Cubic metre			
4 Stone masonry work in cement mortar in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 with random rubble masonry in cement mortar 1:6 (1 cement : 6 sand) including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer in Charge	36.95	Per Cubic metre			
Total:-					

Executive Engineer,
 Kotkhai Division (B&R)
 H.P.W.D., Kotkhai.