



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 HP:PWD, so as to reach in his office on or before 13-09-2023 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 12-09-2023 upto 10:30 A.M. to 3:00 P.M. The earnest money in the shape 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 out rightly 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	EMD	Cost of Tender	Time	Eligible class of Contractor
1.	(i) Up gradation and M/T on Melath, Quinal Kalbog road in K.M. 0/00 to 3/660 (ii) Balance work and M/T Matlu Srah Badhal road in K.M. 0/00 to 2/520 (iii) C/o Link road from Banari gad to Sunder Nagar Jawal in G.P. Ratnari link road in K.M. 0/00 to 5/945 (SH:- Preparation of DPR and CBR tests)	Rs. 3,23,925/-	Rs. 6500/-	Rs. 350/-	30 Days	Consultancy
2.	R/R Damages on Melath Quinal to Golu Karal road in K.M. 0/00 to 10/500 (SH:- C/o, unlined surface drain between in K.M. 8/00 to 10/500)	Rs. 3,12,500/-	Rs. 6300/-	Rs. 350/-	30 Days	All Class are eligible
3.	R/R Damages on Quinal Vikasnagar road in K.M. 0/00 to 1/00 (SH:-C/o, R/Wall at R.D. 0/220 to 0/230.70)	Rs. 2,07,136/-	Rs. 4200/-	Rs. 350/-	30 Days	All Class are eligible

HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT (B&R) DIVISION KOTKHAJ

	R/R Damages on Quinal Vikasnagar road in K.M. 0/00 to 1/00 (SH:- C/o, R/Wall at R.D. 0/00 to 0/013)	Rs. 4,76,469/-	Rs. 9600/-	Rs. 350/-	30 Days	All Class are eligible
5.	R/R Damages at Mealth Quinal to Golu Krall road in K.M. 0/00 to 10/500 (SH:-C/o, R/Wall at R.D. 8/920 to 8/935, 9/163 to 9/171, 9/283 to 9/288)	Rs. 4,94,289/-	Rs. 9900/-	Rs. 350/-	30 Days	All Class are eligible
6.	R/R Damages at Mealth Quinal to Golu Krall road in K.M. 0/00 to 10/500 (SH:-C/o, R/Wall at R.D. 10/045 to 10/054, 10/230 to 10/240, 9/207 to 9/215)	Rs. 4,93,208/-	Rs. 9900/-	Rs. 350/-	30 Days	All Class are eligible
7.	R/R Damages on Dhola Gawalth link road in K.M. 0/00 to 2/225 (SH:- C/o, R/Wall at R.D. 1/925 to 1/940)	Rs. 4,94,539/-	Rs. 9900/-	Rs. 350/-	30 Days	All Class are eligible
8.	R/R Damages on Dhola Gawalth link road in K.M. 0/00 to 2/225 (SH:- C/o, R/Wall at R.D. 1/310 to 1/322)	Rs. 3,68,938/-	Rs. 7400/-	Rs. 350/-	30 Days	All Class are eligible
9.	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. 9/025 to 9/040)	Rs. 4,61,742/-	Rs. 9300/-	Rs. 350/-	30 Days	All Class are eligible
10.	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. 5/240 to 5/250 & 8/370 to 8/385)	Rs. 4,17,192/-	Rs. 8400/-	Rs. 350/-	30 Days	All Class are eligible
11.	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. 10/024 to 10/037)	Rs. 4,02,951/-	Rs. 8100/-	Rs. 350/-	30 Days	All Class are eligible
12.	R/R Damages on Dhola to Gawalth road in K.M. 0/00 to 2/225 (SH:- C/o, B/Wall at R.D. 0/622 to 0/642)	Rs. 2,72,495/-	Rs. 5500/-	Rs. 350/-	30 Days	All Class are eligible
13.	R/R Damages on Ramnagar Thana Mihani road in K.M. 0/00 to 8/500 (SH:- C/o, B/Wall at R.D. 3/723 to 3/733)	Rs. 1,37,665/-	Rs. 2800/-	Rs. 350/-	30 Days	All Class are eligible
14.	R/R Damages on Chamera Mealth road in K.M. 0/00 to 4/00 (SH:- C/o, B/Wall at R.D. 1/930 to 1/940)	Rs. 1,36,165/-	Rs. 5500/-	Rs. 350/-	30 Days	All Class are eligible


HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT (B&R) DIVISION KOTKHAJ

	R/R Damages on Chamain Chouri road in K.M. 0/00 to 4/500 (SH:- C/o, B/Wall in PCC at R.D. 4/030 to 4/057)	Rs. 4,09,355/-	Rs. 8200/-	Rs. 350/-	30 Days	All Class are eligible
16.	R/R Damages on Ratnari link road upto Dunidhar road in K.M. 0/00 to 2/735 (SH:- C/o, B/Wall at R.D. 1/540 to 1/555)	Rs. 1,43,142/-	Rs. 2900/-	Rs. 350/-	30 Days	All Class are eligible
17.	R/R Damages on Ramnagar Panchayat road in K.M. 0/00 to 0/250 (SH:- C/o, B/Wall at R.D. 0/080.5 to 0/096.5)	Rs. 2,72,562/-	Rs. 5500/-	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 Kotkhaj, HPPWD Kotkhaj 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.
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,
Kotkhaj.

No:- PW-KD-E-Tender/2023-24:- 2611-17

Dated:- 29-08-2023

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,
Kotkhaj.

Job No 1

SCHEDULE OF QUANTITY

Estimated cost - ₹3,23,925.00
 Earnest Money - ₹6,500.00
 Time - Three months

Name of work : i) Upgradation and M/T on Melath,Quinal Kalbog road km 0/00 to 3/660. ii) Balance work and M/T Matlu Strah Badhal road km 0/000 to 2/520. iii) CO link road from Bnanari goad to Sunder Nagar Jawal in G.P Rainari link road km 0.000 to 5/945.

Sub head: Preparation of DPR and CBR tests .

Sr. No.	Description of item	Quantity	Units	Rate	Amount
1	Preparation of Detailed project report which include following provision as mentioned below : A) Topography survey by Digital total station with two second accuracy . showing all features on survey plan like trees, culvert, bridge, electric pole, telephone poles, hand pumps, school, habitant villages. B) Draw cross section at 15 m (fifteen meter) interval, L-section & calculate the quantity of earth work in standart format of autocad showing all layer of pavement components as applicable. C) Prepraition of survey plan showing all provision and preparation of detailed project report as per MORD guidelines.	12.125	km		
2	CBR test including grain size analysis , atterbergs limit , proctor compaction and CBR value	13	samples		
Total:-					

Executive Engineer
 HP PWD (B&R) Division
 Kothhai


Job No 2.

SCHEDULE OF QUANTITY

Estimated cost:- 312500.00
Earnest money:- 6300.00
Time:- Two Month

Name of Work :- R/R Damages on Mealth Quinal to Golu Karal road Km 0/00 to 10/500.
(SH:- C/O unlined surface drain between Km 8/0 to 10/500).

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount.
1	Construction of unlined surface drains of average cross-sectional area 0.40 sqm in soil to specified lines, grades, levels and dimensions. Excavated material to be used in embankment with in all leads and lifts as per Technical Specification Clause 307 including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	2500.00	Per Running metre.			
Total:-						


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



Job No 3

SCHEDULE OF QUANTITY

Name of Work :- R/R Damages on Quinal Vlkasnagar road Km 0/00 to 1/00. (SH:- C/O R/Wall at RD 0/220 to 0/230.70)

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Estimated cost:-	
						Earnest money:-	Two Month
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 hardd 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.	5.02	Per Cubic metre.			207136.00	4200.00
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.	24.88	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 40 mm nominal size)including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	4.46	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.	19.90	Per Cubic metre.				

5	Construction of dry rubble masonry for retaining walls, breast walls, revetment walls and parapets etc for substructure and superstructure complete as per drawings and technical specifications Clause 704.6& 1302.5 including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	22.72	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	Each				
7	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.	5.51	Per Cubic metre.				
						Total:-	


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


Job No 4

SCHEDULE OF QUANTITY

Name of Work :- R/R Damages on Dehalal Vikasnagar road Km 0/00 to 1/00. (SIH:- C/O R/Wall at RD 0/00 to 0/013)

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Estimated cost-	
					Time	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.	8.28	Per Cubic metre.			476469.00
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.	22.49	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 40 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	11.32	Per Cubic metre.			
4	Random rubble stone masonry in cement mortar 1:6(1 cement: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.	57.34	Per Cubic metre.			96000.00

5	Construction of dry rubble masonry for retaining walls, breast walls, revetment walls and parapets etc for substructure and superstructure complete as per drawings and technical specifications Clause 704.6& 1302.5 including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	24.01	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.	15.00	Each			
7	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.	46.15	Per Cubic metre.			
Total:-						


 Executive Engineer,
 Kothnai Division (B&R)
 H.P. PWD., Kothnai.

SCHEDULE OF QUANTITY


Estimated cost-
Earnest money-
Time-

494289.00
9900.00
Two Month

506 No 5

Name of Work :- R/R Damages at Meath Quinal to Golu Krall road Km 0/00 to 10/500
(SH:- C/O R/Wall at RD 8/920 to 8/935, 9/163 to 9/171, 9/283 to 9/288)

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.	31.59	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.	14.95	per Cubic metre			
3	Providing and laying in position cement concrete of specified grade including the cost of form work in R/walls 1:4:3 (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.	32.45	Per Cubic metre.			
4	Providing & making Gabion structure with mechanically woven Double Twisted Hexagonal Slapped 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-coated, Mesh wire diameter 2.7/3.7mm, Mechanically edged/selvedged with partitions at every 1 m interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist, lying with facing 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 direction of Engineer-in-charge.	87.50	Cum			
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.	21.00	Per Cubic metre.			
Total:-						


 Executive Engineer,
 Kotthal Division (B&R)
 H.P. PWD, Kotthal.

5010 No 6

SCHEDULE OF QUANTITY

Name of Work :- R/R Damages at Meetha Quinal to Golu Krall road Km 0.00 to 10/500

Sht. C/9 R/Wall at RD 10/045 to 10/054, 10/230 to 10/240, 9/207 to 9/215

Estimated cost: 493208.00
 Earnest money: 9900.00
 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, 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.	29.72	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.	12.10	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 40 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	30.48	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 (D=100mm with tolerance of ± 2%) Zinc-coated, Mesh wire diameter 2.7/3.7mm, Mechanically edged/selvedged with portions at every 1 m interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist. Filling with facing 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 direction of Engineer-in-charge.	90.63	Cum			
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.	21.75	Per Cubic metre.			
Total:-						

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

506 No 7

SCHEDULE OF QUANTITY

Name of Work : R/R Damages on Dhola Gawalth link road km 0/00 to 2/225
 (SH- C/O R/Wall at RD 1/925 to 1/940)

Estimated cost: 494539.00
 Earned money: 9900.00
 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.	30.66	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.	10.50	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 40 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	63.00	Per Cubic metre.			
4	Providing & making Gabion structure with mechanically woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012, MORTAR Clause 2500, of required size, Mesh Type 10x12 (D=100mm with tolerance of ± 2%) Zinc-coated, Mesh wire diameter 2.7/3.7mm. Mechanically edged/sewaged with partitions at every 1 m 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 direction of Engineer-in-charge.	43.75	Per Cubic metre.			
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.	7.77	Per Cubic metre.			
Total:-						

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

SCHEDULE OF QUANTITY

Job No 8

Name of Work:- R/R Damages on Dhola Gawalth link road km 0/00 to 2/225
(SH:- C/O R/Wall at RD1/310 to 1/322)

Estimated cost:- 368938.00
Earnest money:- 7400.00
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, 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.	28.54	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.	8.16	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 40 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	34.34	Per Cubic metre.			
4	Random rubble stone masonry in cement mortar 1:6 (1 cement: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.	21.71	Per Cubic metre.			
5	Construction of dry rubble masonry for retaining walls, breast walls, revetment walls and parapets etc for sub-structure and super-structure complete as per drawings and technical specifications Clause 704.6, 1302.5 including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	22.82	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.	12.00	No			
7	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.	4.32	Per Cubic metre.			
Total:-						


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

Job No 9

SCHEDULE OF QUANTITY

Name of Work :- R/R Damages on Meeth Quinal Golu Krall road Km 0/00 to 10/500
 (SR:- C/O R/Wall at RD 9/025 to 9/040)

Estimated cost:- 461742.00
 Earnest money:- 9300.00
 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, aggregate& 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.	36.10	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 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.	10.20	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 40 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	42.92	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.	26.10	Per Cubic metre.			
5	Construction of dry rubble masonry for retaining walls, breast walls, revetment walls and parapets etc for substructure and superstructure complete as per drawings and technical specifications Clause 704.6& 1302.5 including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	30.20	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.	15.00	No			
7	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.	5.63	Per Cubic metre.			
Total:-						

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

Job No 10

SCHEDULE OF QUANTITY

Name of Work :- R/R Damages on Meath Qurnal Golu Krall road Km 0/00 to 10/500
 (Sht:- C/O R/Wall at RD 5/240 to 5/250 & 8/370 to 8/385)

Estimated cost- 417192.00
 Earnest money- 8400.00
 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.	26.46	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 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.	13.44	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 40 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	26.88	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 (D=100mm with tolerance of = 2%) Zinc-coated, Mesh wire diameter-2.7/3.2mm, Mechanically edged/selvedged with partitions at every 1 m 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/0D), supplied @ 3% by weight of Gabion boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per direction of Engineer-in-charge.	78.13	Per Cubic metre.			
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.	9.38	Per Cubic metre.			
Total:-						

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

SCHEDULE OF QUANTITY

Seb No 11

Name of Work : R/R Damages on Meath Quinal Colu Krall road Km 0/00 to 10/500
(SH:- C/O R/Wall at RD 10/024 to 10/037)

Estimated cost:- 402951.00
Earnest money:- 81000.00
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 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.	30.91	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 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.	894	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 course 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.	37.20	Per Cubic metre.			
4	Random rubble stone masonry in cement mortar 1:6 (1 cement: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.	24.25	Per Cubic metre.			
5	Construction of dry rubble masonry for retaining walls, breast walls, revetment walls and parapets etc for substructure and superstructure complete as per drawings and technical specifications Clause 704.6& 1302.5 including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	24.10	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.	15.00	No			
7	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.	5.40	Per Cubic metre.			
Total:-						

Executive Engineer,
Kodkari Division (B&R)
P.P. PWD, Kothkal.

DRAFT SCHEDULE OF QUANTITY

Job No 12

Name of Work :- R/R Damage on Dhola to Gawalth road Km 0/00 to 2/225
 (SH:- C/O B/Wall at R.D 0/622 to 0/642)

Estimated cost:- 272495.00
 Earnest money:- 5500.00
 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.	29.10	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.	19.20	Per Cubic metre.			
3	Providing and laying cement concrete 1:6:12 (1 cement & 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.	3.70	Per Cubic metre.			
4	Random rubble stone masonry in cement mortar 1:6 (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.	28.80	Per Cubic metre.			
5	Providing and laying concrete mechanically mixed and vibrated PCC M-7.5 nominal mix cement concrete 1:4:8 (1 cement : 4 Sand : 8 Graded Stone 20 mm nominal size) Plain/reinforced specification clauses 802,803,1202 & 1203, in 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.	3.80	Per Cubic metre.			
6	Construction of dry rubble masonry for retaining walls, breast walls, revetment walls and parapets etc for substructure and superstructure complete as per drawings and technical specifications Clause 704,6& 1302.5 including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	26.70	Per Cubic metre.			
7	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.	20.00	No			
Total:-						

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

Job No 13

SCHEDULE OF QUANTITY

Name of Work :- R/R Damage on Raamnagar Thana Mihani road km 0/0 to 8/500
(Sl:- C/O B/Wall at RD 3/723 to 3/733)

Estimated cost:- 137665.00
Earnest money:- 2800.00
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 conformably 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 absouite responsibility of the contractor which shall have to be duly compensated by him in all cases.	14.6	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 absouite responsibility of the contractor which shall have to be duly compensated by him in all cases.	9.6	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.	1.8	Per Cubic metre.			
5	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.	15.5	Per Cubic metre.			
	Providing and laying concrete mechanically mixed and vibrated PCC M-7.5 nominal mix cement concrete 1:4:8 (1 cement : 4 Sand : 8 Graded Stone 20 mm nominal size) Plain/reinforced specification clauses 802,803,1202, & 1203. In 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.	1.9	Per Cubic metre.			
6	Construction of dry rubble masonry for retaining walls, breast walls, revetment walls and parapets etc for substructure and superstructure complete as per drawings and technical specifications Clause 704.6& 1302.5 including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	12.2	Per Cubic metre.			
7	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.	10.0	No			
Total:-						

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

Job No. 14

SCHEDULE OF QUANTITY

Name of Work :- R/R Damage on Chamera Mealth road Km 0/00 to 4/00
 (SH:- C/O B/Wall at R.D 1/930 to 1/940)

Estimated cost:- 136165.00
 Earnest money:- 5500.00
 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.	14.60	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 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.	9.60	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, & 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.	1.80	Per Cubic metre			
5	Random rubble stone masonry (in cement mortar 1:6:12 cement sand) for in foundation & super-structure complete. The 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.	14.40	Per Cubic metre			
6	Providing and laying concrete mechanically mixed and vibrated PCC M-7.5 nominal mix cement concrete 1:4:8 (1 cement : 4 sand : 8 Graded Stone 20 mm nominal size) Plain/reinforced specification clauses 802,803,1202, & 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.	1.90	Per Cubic metre			
6	Construction of dry rubble masonry for retaining walls, breast walls, revetment walls and parapets etc for substructure and superstructure complete as per drawings and technical specifications Clause 704 & 1302.5 including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	13.40	Per Cubic metre			
7	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 incidents, including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	10.00	No			
Total-						

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

Job No 15

SCHEDULE OF QUANTITY

Name of Work :- R/R Damage on Chamain Chaouri road Km 0/00 to 4/500
 (SH:- C/O B/Wall in PCC at Rd 4/030 to 4/057)

Estimated cost:- 409355.00
 Earnest money:- 8200.00
 Time:- Two Month

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount
2	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.	30.38	Cum			
3	Providing and laying concrete mechanically mixed and vibrated PCC M-7.5 nominal mix cement concrete 1:4:8 (1 cement : 4 Sand : 8 Graded Stone 20 mm nominal size) Plain/reinforced specification clauses 802, 803, 1202, & 1203. In 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.	70.74	Cum			
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.	36.00	Each			
Total:-						

Executive Engineer,
 Kothkhai Division (B&R)
 H.P.PWD, Kothkhai.

Job No 16

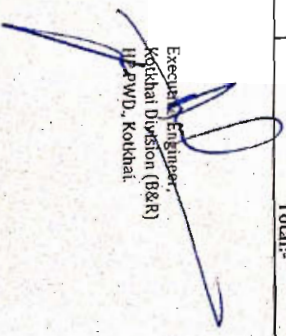
SCHEDULE OF QUANTITY

Name of Work :- R/R Damage on Ratnari link road up to Dunihar Km 0/00 to 2/735
(SH:- C/O B/Wall at Rd 1/540 to 1/555)

Estimated cost:- 143142.00
Earnest money:- 29000.00
Time:- Two Month

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount
2	Earth work in excavation for structures as per drawing and technical specifications Clause 305. It 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.	10.80	m ³			
	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering:- All work up to plinth level: 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.	24.30	m ³			
7	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.	25.00	Nos			
Total:-						

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



Job No 17

SCHEDULE OF QUANTITY

Name of Work :- R/R Damage on Ramnagar Panchayat road 0/00 to 0/250
(SH:- C/O B/Wall at RD 0/080.5 to 0/096.5)

Estimated cost:- 272562.00
Earnest money:- 5500.00
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.	29.28	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.	2.40	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.	2.40	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 40 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 carriage of material within all leads and lifts and other incidentals.	16.00	No			
Total:-						

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