

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

Scaled 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 06-11-2023 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 **04-11-2023 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	Earnest Money	Cost of Tender	Time	Eligible class of Contractor
1.	R/R Damages on Reog link road km 0/00 to 5/00 (SH:- C/o B/wall at Rd 3/300 to 3/320)	Rs. 2,68,624/-	Rs. 5400/-	Rs. 350/-	30 Days	Class D & Class C
2.	R/R Damages on Reog link road km 0/00 to 5/00 (SH:- C/o R/wall at Rd 2/185 to 2/205)	Rs. 4,96,991/-	Rs. 10,000/-	Rs. 350/-	30 Days	Class D & Class C
3.	R/R Damages on link road from Kateru nalla to Chewar Kot Jubbar road km 0/00 to 1/424. (Sh:- C/o B/wall at Rd 0/470 to 0/490) 0/730 to 0/785)	Rs. 4,92,017/-	Rs. 9900/-	Rs. 350/-	30 Days	Class D & Class C
4.	R/R Damages on Marathu Tharolla Tahu Road km 0/00 to 17/10 (SH:- C/O R/wall at Rd 12/505 to 12/515)	Rs. 2,81,605/-	Rs. 5700/-	Rs. 350/-	30 Days	Class D & Class C
5.	R/R Damages on Marathu Tharolla Tahu Road in Km 0/00 to 17/100 (SH:- R/wall at Rd 14/320 to 14/330)	Rs. 4,94,482/-	Rs. 9900/-	Rs. 350/-	30 Days	Class D & Class C
6.	A/R & M/O PWD Rest House at Kotkhai (Sh:- Special Repair of Room i.e PVC Ceiling, Sainitary & Boundary wall etc.)	Rs. 4,05,433/-	Rs. 8200/-	Rs. 350/-	30 Days	Class D & Class C

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

7.	A/R & M/o to Various road under Sub-Division Kotkhaj (Sh:- Providing and fixing of and infromatory sign Board, safety board, Delineator.	Rs. 4,78,000/-	Rs. 9600/-	Rs. 350/-	30 Days	Class D & Class C
8.	R/R Damages on link road to Tharolla Dhalona road km 0/00 to 1/800 (Sh:- C/o R/wall in wire crate at rd 1/650 to 1/675)	Rs. 2,55,402/-	Rs. 5200/-	Rs. 350/-	30 Days	Class D & Class C
9.	R/R damages on Tharolla Balog Pujali Road km 0/00 to 6/00 (Sh:- C/o R/wall at Rd 0/060 to 0/067.50)	Rs. 1,90,114/-	Rs. 3900/-	Rs. 350/-	30 Days	Class D & Class C
10.	R/R Damages on Tharolla Balog Pujahi road km 0/00 to 6/00 (Sh:- R/wall at rd 0/300 to 0/310)	Rs. 3,33,782/-	Rs. 6700/-	Rs. 350/-	30 Days	Class D & Class C
11.	R/R Damages on Gumma Tapri Bakhol road km 0/00 to 5/900. (Sh:- C/o R/wall in wire crate at Rd 3/330 to 3/345)	Rs. 4,26,234/-	Rs. 8600/-	Rs. 350/-	30 Days	Class D & Class C
12.	R/R Damages on Devgarh beon road km 0/00 to 7/885 (Sh:- C/o B/wall at Rd 5/925 to 5/955)	Rs. 4,03,436/-	Rs. 8100/-	Rs. 350/-	30 Days	Class D & Class C
13.	R/R Damages on link road to Saintari km 0/00 to 0/500 (Sh:- C/o R/wall at Rd 0/123 to 0/128)	Rs. 4,97,917/-	Rs. 10,000/-	Rs. 350/-	30 Days	Class D & Class C
14.	R/R Damages on link road from Dharonk Kanchi to Sherdoli via Bandli road Km 0/00 to 7/00 (Sh:- C/o R/wall at Rd 5/605 to 5/610 & 5/685 to 5/695)	Rs. 3,95,955/-	Rs. 8000/-	Rs. 350/-	30 Days	Class D & Class C
15.	R/R Damages on Chole Badrooni Gehrog bari road km 0/00 to 3/375 (Sh:- C/o B/wall at rd 0/875 to 0/895)	Rs. 3,39,664/-	Rs. 6800/-	Rs. 350/-	30 Days	Class D & Class C
16.	R/R Damages on Devgarh Beon Road Km 0/00 to 7/885 (Sh:- C/o R/wall at Rd 3/395 to 3/410)	Rs. 3,50,106/-	Rs. 7100/-	Rs. 350/-	30 Days	Class D & Class C
17.	R/R Damages on Dhali Dhakal Jakrari road km 0/00 to 7/075 (Sh:- C/o B/wall at Rd 6/790 to 6/820)	Rs. 4,92,576/-	Rs. 9900/-	Rs. 350/-	30 Days	Class D & Class C

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.

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



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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:- 4649-55

Dated:- 23/10/2023.

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 / Gird 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](mailto:eeict-pwd-shi@hp.gov.in) & ee-pwd-lp@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

Name of Work : R/R Damages on Reog link road km 0/00 to 5/00 (SH:- C/o B/wall at Rd 3/300 to 3/320)

Estimated cost:- 268624
 Earnest money:- 5400.00
 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.	46.60	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.	25.60	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 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.	5.10	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.	48.80	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.	18.0	Each			
	Total:-					

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

SCHEDULE OF QUANTITY

Name of Work : R/R Damages on Reog link road km 0/00 to 5/00 (SH:- C/o R/wall at Rd 2/185 to 2/205)

Estimated cost:- 496991.00
 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 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.	63.00	Per Cubic metre.			
2	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.	5.40	Cum			
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.	90.52	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, including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	10.0	Each			
5	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.	14.40	Per Cubic metre.			
	Total:-					0.00

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

(3)

SCHEDULE OF QUANTITY

Name of Work : R/R Damages on link road from Kateru nalla to Chewar Kot Jubbar road km 0/00 to 1/424. (Sh:- C/o B/wall t Rd 0/470 to 0/490 & 0/730 to 0/785)

Estimated cost:- 492017.00
 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 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.	174.25	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.	13.13	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+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, 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 direction of Engineer-in-charge.	140.63	Per Cubic metre.			
Total:-						

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

SCHEDULE OF QUANTITY

Name of Work :- R/R Damages on Marathu Tharolla Tahu Road km 0/00 to 17/10 (SH:- C/O R/wall at Rd 12/505 to 12/515)

Estimated cost:- 281605.00
Earnest money:- 5700.00
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.	42.12	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.	11.53	Per Cubic metre.			
3	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.	20.71	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.	25.64	Cum			
5	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.	15.12	Per Cubic metre.			
Total:-						

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

SCHEDULE OF QUANTITY

Name of Work :- R/R Damages on Marathu Tharolla Tahu Road km 0/00 to 17/10 (SH:- C/O R/wall at Rd 14/320 to 14/330)

Estimated cost:- 494482.00
Earnest money:- 9900.00
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.	23.50	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.	48.00	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-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, 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 direction of Engineer-in-charge.	62.50	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.	19.05	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.	800	Each			
	Total:-					

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

SCHEDULE OF QUANTITY

6

Name of work :- A/R & M/O PWD Rest House at Kotkhai (Sh:- Special Repair of Room i.e PVC Ceiling, Sainitary & Boundary wall etc.)

Estimated cost:- 405433.00
Earnest money:- 8200.00
Time:- Two Month

Sr.No	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount
1	Removing glass panes and refixing existing wooden fillers float glass panes of nominal thickness 5 mm (weight not less than 12.5kg/sqm) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	7.60	p/sqm			
2	Providing and fixing Pre-laminated flat pressed 3 layer (medium density) particle board or graded wood particle board IS : 3087 marked, with one side decorative and other side balancing lamination Grade I, Type II exterior grade IS : 12823 marked, in shelves with screws and fittings wherever required, edges to be painted with polyurethane primer (fittings to be paid separately). 25 mm thick including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	14.13	p/sqm			
3	Providing and fixing cap board shutters with 25 mm thick veneered particle board IS : 3097 marked, exterior grade (Grade II, of approved make, including blind class teak wood lipping of 25 mm wide x 12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of Engineer-in-Charge. With non decorative veneering on both sides including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	4.05	p/sqm			
4	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality. 1.0 mm thick including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	5.67	p/sqm			
5	Providing and fixing bright finished brass handles with screws etc. complete. 75mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	4.00	p/each			
6	Providing and fixing magnetic catch of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete. Double strip (horizontal type) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	12.00	p/each			
7	Providing and fixing brass curtain rods of wall thickness 1.25 mm with two brass brackets fixed with brass screws and wooden plugs etc. wherever necessary complete 25 mm diameter including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	12.00	mt			
8	Removing white or colour wash by scraping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	261.73	p/sqm			
9	Providing & Applying polymer modified, flexible cementitious negative side waterproofing coating with elastic waterproofing polymers on interior wall plaster surface in three coats @14.35 kg/10 sqm. one coat of self priming of cementitious waterproofing polymer(dilution with water in the ratio of 1:1) and two coats of cementitious waterproofing polymer (dilution with water in the ratio of 3:1) after scraping and properly cleaning the surface to remove pre-existing paint film & loose particles till plaster is visible, complete in all respect as per the direction of Engineer-in-Charge.	32.00	p/sqm			
10	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in	78.52	p/sqm			



11	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	179.52	p/sqm						
12	Finishing walls with 100% Premium acrylic emulsion paint having VOC less than 50 gnl/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives. (Two or more coats applied @ 1.43 litre/ 10 sqm. Over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	261.73	p/sqm						
13	15 mm cement plaster on rough side of single or half brick wall of mix: 1:6 (1 cement: 6 coarse sand) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	23.00	p/sqm						
14	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes including fixing with rubber gasket / approved adhesive etc. complete.	20.00	RMT						
	110 mm dia.	20.00	RMT						
	75mm dia.	20.00	RMT						
15	Providing and fixing PVC door bend with oval access door, insertion rubber washer 3 mm thick bolts and nuts complete including fixing with rubber gasket / approved adhesive etc. complete including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	2.00	Each						
	110 mm dia.	1.00	Each						
	75 mm dia.	1.00	Each						
16	Providing and fixing PVC single equal branch with oval access door, insertion rubber washer 3 mm thick bolts and nuts complete including fixing with rubber gasket / approved adhesive etc. complete including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1.00	Each						
	110 mm dia.	1.00	Each						
	75 mm dia.	1.00	Each						
17	Providing and fixing PVC collets including fixing with rubber gasket / approved adhesive etc. complete including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	3.00	Each						
	110 mm dia.	3.00	Each						
	75 mm dia.	3.00	Each						
18	Providing and fixing PVC plain bend including fixing with rubber gasket / approved adhesive etc. complete including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1.00	Each						
	110 mm dia.	1.00	Each						
	75 mm dia.	1.00	Each						
19	Providing and fixing PVC floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.								

	110 mm X 90 mm.	3.00	Each				
	110 mm X 75 mm.	3.00	Each				
20	Providing and fixing PVC cowl with approved adhesive etc complete including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.						
	110 mm dia	1.00	Each				
	75 mm dia.	1.00	Each				
21	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	2.00	/Each				
22	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.	2.00	Each				
23	Providing and fixing C.P. Brass trap for wash basin and sink as directed by the Engineer- In charge, including carriage of materials within all leads and lifts by all means & other incidentals. (a) 32mm dia :including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	2.00	Each				
24	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	2.00	Each				
25	Providing and fixing toilet paper holder : C.P. brass including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	2.00	Each				
26	Providing and fixing charomium plated brass soap dish with C.P. Brass brackets fixed to wooden cleats with C.P. Brass screws including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	4.00	Each				
27	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS:8931. 15 mm nominal bore including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	6.00	Each				
28	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 directed by the Engineer- In charge, including carriage of materials within all leads and lifts by all means & other incidentals including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	8.00	Each				
29	Providing and fixing uplasticised PVC connection pipe with brass unions 45 cm length 15 mm nominal bore including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	6.00	Each				
30	Providing and fixing ball valve (brass) of approved quality. High or low pressure, with plastic floats complete. H.P. or L.P. ball valve with polythene floats: 15 mm nominal bore including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	2.00	Each				
31	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	2000.00	per litre				

32	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Flexible pipe 32 mm dia including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	2.00	Each				
33	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand). Joining with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete and skid including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	10.84	Sqm				
34	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in staining, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	34.98	p/sqm				
35	Providing and fixing PTMT grating of approved quality and colour. Circular type 100 mm nominal dia including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	4.00	Each				
36	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes conforming to IS:15801, UV stabilized & anti microbial fusion welded, having thermal stability for hot & cold water supply, including all PP - R plain & brass threaded polypropylene random fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-Charge. Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes conforming to IS:15801, UV stabilized & anti - microbial fusion welded, having thermal stability for hot & cold water supply. Including all PP - R plain & brass threaded polypropylene random fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-Charge. Concealed work including cutting chases and making good the wall etc. PN - 16 Pipe, 20mm OD (SDR-7.4) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	15.00	/Rmt.				
37	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes conforming to IS:15801 UV stabilized & anti microbial fusion welded, having thermal stability for hot & cold water supply, including all PP - R plain & brass threaded polypropylene random fittings, including trenching, refilling & testing of joints complete as per direction of Engineer-in-Charge.						
	PPR Union 20mm	3.00	Each				
38	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.						
	15 mm nominal	70.00	Rmt				
39	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work 15 mm nominal including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	2.00	Each				
40	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications : Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.75 ltr/10 sqm of approved brand and manufacture including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	36.44	p/sqm				

	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	45.82	p/sqm				
42	P/F pvc ceiling with tongued and grooved jointing and screws including frame work and cover fillets. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	40.86	p/sqm				
43	Providing and fixing PVC floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete. 110 mm X 75 mm. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	4	Each				
44	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	2	Each				
45	Providing and fixing c.p Brass pillar tab with capstan head 15 mm dia swan neck as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge	2	Each				
46	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications. Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	60.00	p/sqm				
	Total:-						

Executive Engineer
HPPWD (B&R) Division
Kotkhai

SCHEDULE OF QUANTITY

Name of Work :- A/R & M/o various roads Sub-Division Kotkhai. (SH: Providing and fixing Informatory Sign Boards Safety Boards, Delinators).

Sr.No.	Description	Qty.	Unit	Rate in Figure	Estimated cost:-	
					Earnest money:-	Rs. 478000.00
					Time:-	Rs. 10000.00
					Rate in word	15 Days
						Amount
1	Providing and fixing of retro-reflectorised cautionery, mandatory, Informatory sign boards as per IRC:67 made of encapsulated lense type reflective sheet vide clause 1701.2.3 fixed over M.S. sheeting 1.5mm (One point five milimetre) thick supported on a Mild steel angle iron post 75mmx40mm (seveny five into forty milimetre) firmly fixed to ground by means of properly designed foundation with M15 grade of cement concrete 450mmx 450mmx 600mm below ground level as per drawing and Technical Specification clause 801:- Direction and place Identification sign with size 900x600mm (safety board)	50.00	Each			
2	Providing and fixing of retro-reflectorised cautionery, mandatory, Informatory sign boards as per IRC:67 made of encapsulated lense type reflective sheet vide clause 1701.2.3 fixed over M.S. sheeting 1.5mm (One point five milimetre) thick supported on a Mild steel angle iron post 75mmx40mm (seveny five into forty milimetre) firmly fixed to ground by means of properly designed foundation with M15 grade of cement concrete 450mmx 450mmx 600mm below ground level as per drawing and Technical Specification clause 801:- Direction and place Identification sign with size 1200x600mm (Informatory sign board)	15.00	Each			
3	Providing and fixing of dual direction retro-reflectorised round delinator short made out of 12 gauge M.S. pipe of out dia 47mm and height 600 mm delinator should stove named in oxford blue colour white and red protected with welded wire mesh cage including carriage of material in all leads and lifts complete in all respect as per direction of Engineer in Charge	210.00	Each			
	of dual direction retro-reflectorised concel delinator	60.00	Each			

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

8

SCHEDULE OF QUANTITY

Estimated cost:- 255402.00
 Earnest money:- 5200.00
 Time:- Two Month

Name of Work : R/R Damages on link road to Tharolla Dhalona road km 0/00 to 1/800 (Sh:- C/o R/wall in wire crate at Rd 1/650 to 1/675)

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.	9.38	P/Cum			
2	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 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 (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.	78.13	P/Cum			
Total:-						

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

SCHEDULE OF QUANTITY

(9)

Name of Work :R/R Damages on Tharolla Balog Pujahi Road km 0/00 to 6/00 (Sh:- C/o R/wall at Rd 0/060 to 0/067.50)

Estimated cost:- 190114.00
Earnest money:- 3900.00
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.	9.54	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 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.	4.08	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+coated, Mesh wire diameter 2.7/3.7mm, Mechanically edged/selfedged 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 (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.	58.60	Per Cubic metre.			
Total:-						0.00

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

SCHEDULE OF QUANTITY

(10)

Name of Work: R/R Damages on Tharolla Balog Pujahi Road km 0/00 to 6/00 (Sh:- C/o R/wall at Rd 0/300 to 0/310)

Estimated cost:- 333782.00
Earnest money:- 6700.00
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 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.	35.92	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.	19.20	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.	41.18	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.	12.90	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.	20.00	Each			
	Total:-					

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

SCHEDULE OF QUANTITY

Name of Work :- R/R Damages on Gumma Tapri Bakhol Road Km 0/00 to 5/900 (Sh:- C/o R/wall in wire crate 3/330 to 3/345)

Estimated cost:- 426234.00
 Earnest money:- 8600.00
 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 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.	42.00	Per Cubic metre.			
2	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 $\pm 2\%$) 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, 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 direction of Engineer-in-charge.	117.19	Per Cubic metre.			
3	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.	21.56	Per Cubic metre.			
		Total:-				

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

SCHEDULE OF QUANTITY

Estimated cost:- 403477.00
Earnest money:- 9000.00
Time:- Two Month

Name of Work : R/R Damages on Devgarh Beon road Km 0/00 to 7/885 (SH:- C/o B/wall at Rd 5/925 to 5/955)

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.	43.20	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 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 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.	38.40	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.	5.76	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.	73.20	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 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.	30.00	Each			
Total:-						

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

SCHEDULE OF QUANTITY

Name of Work: R/R Damages on link road to Saintari km 0/00 to 0/500 (Sh:- C/o R/wall at Rd 0/123 to 0/128)

Estimated cost:- 497917.00
Earnest money:- 10000.00
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.	9.00	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.	18.38	Per Cubic metre.			
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth 1:3:6 (1 Cement: 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	55.20	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+coated, Mesh wire diameter 2.7/3.7 mm, Mechanically edged/selvedged with paritions 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 (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.	46.89	Per Cubic metre.			
5	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.	10.92	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				
Total:-							

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



SCHEDULE OF QUANTITY

Name of Work : R/R Damages on link road from Dharonk Kanchi to Sherdoli via Bandli road Km 0/00 to 5/00 (Sh:- C/o R/wall at Rd 5/605 to 5/610 & 5/685 to 5/695)

Estimated cost:- 395955.00
Earnest money:- 8000.00
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.	26.49	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.	2.07	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-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, 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 direction of Engineer-in-Charge.	78.13	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.	22.42	Per Cubic metre.			
5	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.	10.38	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			
Total:-						

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

SCHEDULE OF QUANTITY

15

Name of Work : R/R Damages on Chol Badrooni Gehrog Bari Road km 0/00 to 3/375 (Sh:- C/o B/wall at Rd 0/875 to 0/895)

Estimated cost:- 339664.00
Earnest money:- 6800.00
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.	33.60	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 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.	25.40	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.	5.10	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.	63.00	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, including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	16.00	Each			
Total:-						

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

SCHEDULE OF QUANTITY

(16)

Name of Work : R/R Damages on Deygarh Beon road Km 0/00 to 7/885 (SH:- C/o R/wall at Rd 3/395 to 3/410)

Estimated cost:- 350106.00
Earnest money:- 71000.00
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.	42.75	Per Cubic metre.			
2	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.	4.28	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.	63.00	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.	10.00	Each			
5	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.	10.80	Per Cubic metre.			
Total:-						

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

SCHEDULE OF QUANTITY

17

Name of Work : R/R Damages on Dhalli Dhakal Jakrari road km 0/00 to 7/075 (SH:- C/o B/Wall at Rd 6/790 to 6/820)

Estimated cost:- 492576.00
 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, 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.	90.00	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.	36.00	Per Cubic metre.			
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 40 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	87.84	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.	30.00	Each			
Total:-						

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