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



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 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 Vikusnagar 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 KOTKHAI

MACHAL PRADESH PUBLIC WORKS DEPARTMENT (B&R) DIVISION KOTKIJAI

		R/R Damages on Quinal Vikasnaga 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, 9/28. to 9/288)	o 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)	4,93,208/-	Rs. 9900/-	Rs. 350/-	30 Days	All Class are eligible
		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)	I	Rs. 9900/-	Rs. 350/-	30 Days	All Class are eligible
		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. 7400/-	Rs. 350/-	30 Days	All Class are eligible
	H	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 /040)	,	Rs. 9300/-	Rs. 350/-	30 Days	All Class are eligible
10	K (S	/R Damages on Mealth Quinal Golurall road in K.M. 0/00 to 10/500 H:- C/o, R/Wall at R.D. 5/240 to 250 & 8/370 to 8/385)	Rs. 4,17,192/-	Rs. 8400/-	Rs. 350/-	30 Days	All Class are eligible
11	Kr (S:	R Damages on Mealth Quinal Golural road in K.M. 0/00 to 10/500 H:- C/o, R/Wall at R.D. 10/024 to /037)	Rs. 4,02,951/-	Rs. 8100/-	Rs. 350/-	30 Days	All Class are eligible
12.	roa	R Damages on Dhola to Gawalth ad in K.M. 0/00 to 2/225 (SH:- C/o, Wall at R.D. 0/622 to 0/642)	Rs. 2,72,495/-	Rs. 5500/-	Rs. 350/-	30 Days	All Class are eligible
13.	Mil (SH	R Damages on Ramnagar Thana hani road in K.M. 0/00 to 8/500 H:- C/o, B/Wall at R.D. 3/723 to 33)	Rs. 1,37,665/-	Rs. 2800/-	Rs. 350/-	30 Days	All Class are eligible
14.	roac	Damages on Chamera Mealth in K.M. 0/00 to 4/00 (SH:- C/o, /alla t 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 KOTKHAI

	WORKS DEPARTMENT (D.R.D. DV.	
and the same	WORKS DEPARTMENT (B&R) DIVISION KOTKILA	

	road in K.M. 0/00 to 4/500 (SH;- C/o, B/Wall in PCC at R.D. 4/030 to 4/057)	4,09,355/-	Rs. 8200/-	Rs. 350/-	30 Days	All Class are eligible
1	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
1	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 Kotkhai, HPPWD Kotkhai and cost of tender form for the above works should be submitted with the application for the purchase of tender forms. The applications received without earnest money and cost of tender form shall be similarly rejected.
- 5. The contractor / firms are requested to insert the rate of each item in words as in figures failing which XEN reserves the rights to accept / reject any tender without assigning any reasons at any stage.
- 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:- 36 ||- |7 Copy forwarded to the following for information and necessary action to:- Dated:-29-08-2023

- 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.
- All the Assistant Engineer working under this Division.
- Drawing Branch in this office.

7. Notice Board.

Executive (B&R) Division Kotkhai

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

Estimated cost -

₹3,23,925.00 ₹6,500.00

Time

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 Srah Badhal road km 0/000 to 2/520. iii) C/O link road from Bnanari goad to Sunder Nagar Jawal in G.P Ratnari link road km 0/000 to 5/945.

Earnest Money -

Three months

Total:-				
·	samples	13	CBR test including grain size analysis, atterbergs limit, proctor compaction and CBR value	2
			C) Prepration of survey plan showing all provision and preparation of detailed project report as per MORD guidelines.	****
· · · · · · · · · · · · · · · · · · ·			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.	
	km	12.125	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.	
		low:	Prepration of Detailed project report which include following provision as mentioned below:	
Amoun	Units Rate	Quantity	Description of item	Sr. No.
			Sub head: Prepration of DPR and CBR tests.	Sub head

Kotkhai

HP PWD (B&R) Division

Estimated cost:-Earnest money:-

312500.00

6300.00

Time:-

Two Month

Executive Engineer, Kotkhai Division (B&R)	Total:-	
er, (B&R)		

Amount.

No.

specified lines, grades, levels and dimensions. Excavated material to be used in embankment with in all leads and lifs 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-

Construction of unlined surface drains of average cross-sectional area 0.40 sqm in soil to

2500.00

Per

Running metre.

Qty.

Unit

figure) Rate (in

words) Rate (in

Sr. |Description

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).

SCHEDULE OF OHANTITY

Name of Work:- R/R Damages on Quinal Vikasnagar road Km 0/00 to 1/00. (SH:- C/O R/Wall at RD 0/220 to 0/230.70) Sr. Description No. Comparison of the contraction of the contraction of the contraction of the contractor which shall have to be duly compensated by him in all cases.	2	30	5- 81 <u>21- 8</u> 2- 83	ω P B B B B B			
Qty. Unit 5.02 Per Cubic metre.	omu actor written small nave to be duly compensated by him in all cases.	arth work in excavation for structures as nor drawing and technical specifications Clause	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 absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.	Irth work in excavation for structures as per drawing and technical specifications Clause 15.1 including setting out, construction of shoring and bracing, removal of stumps and ther deleterious material and disposal upto all leads, dressing of sides and bottom and ack filling in trenches with excavated suitable material in ordinary soil upto all depth. as rected by the Engineer-in-Charge all useful material such as stone, shingle, aggregates& ate 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 absoulte responsibility of its contractor which shall have to be duly compensated by him in all cases.	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 absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases. 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	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 absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases. 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.	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 absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases. 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. Random rubble stone masonry in cement mortar 1:6(1 cement: 6 sand) for in foundation & constitution of the constitu
Unit Per Cubic metre.		27.80	24.88	24.88	24.88	24.88	24.88 4.46
			per cubic metre	per cubic metre	per cubic metre	per cubic metre Per Cubic metre.	per cubic metre Per Cubic metre.
Estimated cost:- Earnest money:- Time:- Rate (in words)							

	to all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	Backfilling behind abutment, wing wall and return wall complete as per drawings and	entire satisfaction and direction of Engineer-in-Charge.	and lifts and other incidentals, including hauling of material in all leads and lifts as per the	specifications clauses 614, 709 and 1204.3.7 including carriage of material within all leads	with slope of 1V: 20H towards drawing face complete as per drawing and technical	return walls with 100 mm dia PVC pipe extending through the full width of the structure	6 Providing weep holes in brick/stone / plain reinforced concrete abutment, wing wall,	the entire satisfaction and direction of the Engineer-in-Charge.	specifications Clause 704.6& 1302.5 including hauling of material in all leads and lifts as per	parapets etc for substructure and superstructure complete as per drawings and technical	5 Construction of dry rubble masonary for retaining walls, breast walls, revetment walls and
	in all leads and lifts as per the entire satisfaction and direction of E	Backfilling behind abutment, wing wall and return wall compl	entire satisfaction and direction of Engineer-in-Charge.	and lifts and other incidentals, including hauling of ma	pecifications clauses 614, 709 and 1204.3.7 includ	with slope of IV: 20H towards drawing face comp	eturn walls with 100 mm dia PVC pipe extendi	myiding weep holes in brick/stone/plain re	he entire satisfaction and direction of the Engir	pecifications Clause 704.6& 1302.5 including	arapets etc for substructure and superstruct	enstruction of dry rubble masonary for retain
	ding hauling of material ngineer-in-Charge.	ete as per drawings and		iterial in all leads and lifts as per the	ing carriage of material within all leads	lete as per drawing and technical	ng through the full width of the structure	einforced concrete abutment, wing wall,	reer-in-Charge.	hauling of material in all leads and lifts as per	nre complete as per drawings and technical	ning walls, breast walls, reverment walls and
		5.51						10.00				22.72
	metre.	Per Cubic					_	Each			metre.	Per Cubic
		100										
Total:-												



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	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.	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.	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 absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.	becavation 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 nixed 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 bill 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 triumning 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 chause 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 properly to during the course of execution shall be the absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.	Sr. Description	wature of wrota кум Баннадесь он Quantu viwasniagar road km 0/00 to 1/00. [Sil:- C/O R/Wall at RD 0]	TWOILS BY DOMESTIC OF COMMITTEE
	57.34	11.32	22.49	8.28	Qty.	0 R/Wall a	JI YULL
	Per Cubic metre.	Per Cubic metre.	per cubic metre	Per Cubic metre.	Unit	(RD 0/00 t	TALLE
					Rate (In. figure)	/00 to 0/013)	
					Rate (in words)	Enruest money: Time:	
					Amount.	7 (0469.00 9600.00 Two Month	17/1/000

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	7	0 0 0 0 5 7	VI
	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.	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.	Construction of dry rubble masonary 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.
,	46.15	15.00	24.01
	Per Cubic metre.	Each	Per Cubic metre.
Total:-			



Time:-Earnest money:-

Estimated cost-

494289.00 9900.00 Two Month

	I otal:-					
			Per Cubic metre.	21.00	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.	ر. د
			Cr n	87.50	Providing & making Gabion structure with mechanically woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012 .MORTH Clause 2500, of required size, Mesh Type 10x12 (D=100mm with tolerance of = 2%) Zinic+coated, Mesh wire diameter 2.7/3.7mm, Mechanically edged/selvedged with paritions at every 1 m interval and shall have minimum Inneters 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-incharge.	۷
			Per Cubic metre.	32.45	Providing and laying in position coment 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.	. ω
			per cubic metre	14.95	icartin 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 Enginer-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 absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.	
			Per Cubic metre.	31.59	Excavation in full 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, public and private property to during the course of execution shall be the absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.	٠
Amount	Rate (in words)	Rate (in figure)	Unit	Qty.	Providence:	
Two Month	*	Time:-			Name of Work :-R/R Damages at Mealth 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	Name of W (SH:-

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

Time:

Estimated cost:-Earnest moneye-

493208.00 9900.00 Two Month

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h	1 6	SH-C	
all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hardd rock all work of rock	or we bescription	Name of Work + R/R Damages at Mealth Quinal to Colu Krall road Km 0/00 to 10/500 [SH- C/9 R/Wall at RD 10/045 to 10/054, 19/230, to 10/240, 9/207 to 9/215]	
29.72	Qty.		
Pur Cubic	Unit		
	Rate (in figure)		
	Rate (in words)		
	Amount		THE PROPERTY OF THE PARTY OF TH

	ŞA.	<i>-</i>	ယ	P.J		SF, NO.
	Backfilling behind abutment, wing wall and return wall complete as per draivings 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.	Providing & making Gabion structure with mechanically woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012 (MORTH Clause 2500, of required size, Mesh Type 10x12 (D=100mm with tolerance of = 2%) Zinic+coated. Mesh wire diameter 2.7/3.7mm, Mechanically edged/selvedged with paritions at every 1 m interval and shall have minimum 10 mumbers 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-incharge.	Providing and laying in position exment concrete of specified grade including the cost of form work in R/walls 1:48 (1 Cement : 4 coarse said : 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.	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 absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.	Excavation in Itill area by manual/meehanical 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 crossion, 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. Lall 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 properly to during the course of execution shall be the absoulte responsibility of the contractor which shall have to be duly compensated by him to all cases.	Description
	21.75	90.63	30.48	0121	29.72	Qty.
	Per Cubic metre.	Cum	Per Cubic metre.	per cubic metre	Per Cubic metre.	Unit
						Rate (in figure)
Tetal:-						Rate (in words)
						Amount

Kotkhar Division (B&R)

Executive E



Larnest money. Estimated cost.

4945.49.00 Two Month

SII:	(SH: C/O R/Wall at RD 1/925 to 1/940)					
Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount
~	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 pullution etc. and to protect stability of hill side. Rock shall be excavated with cluselling 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-Change, in conformately with the requirement of technical specification of tural roads educes 6003. 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 absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.	30.66	Per Cubic nietre:			
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-Clarge-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 properly to during the course of execution shall be the absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.	10.50	Per Gubic metre.			To the state of th
з	Providing and laying in position coment concrete of specified grade including the cost of form work in R/walls 1:4:8 (1 Coment: 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, MORTH Clause 2500, of required size, Mesh Type 10x12 (D=100mm with tolerance of = 2%) Zinic+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 (1D/OD), supplied @ 3% by weight of Gabion boxes, filled with boulders with least dimension of	43.75	Per Cubic metre.			

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:-

200 mm, as per drawing, all complete as per direction of Engineer-in-charge.



Estimated costs

Earnest moneys Time:

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	0
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740 740	0
8.00 0.00	d

-	7	6	v	۵	3	2		-	Name of Wor
	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.	Providing weep holes in brick/ stone / plain reinforced concrete abstment, 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.	Construction of dry rubble masonary 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.	Random rubble stone masonry in cement mortar 1.6(1cement 6sand) for in foundation & super-structure complete like Recaining 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.	Providing and laying in position coment 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.	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 absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.	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 blastings shall be carried out by taking all inecessary precautions against soil erosion, damage to hill wedging out rock where blasting is prohibited) including cutting and the excavated with chiselling and wedging out rock (where blasting is prohibited) including cutting and turming 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 property. Any loss to the public and private property to during the course of execution shall be the absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.	Description	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) Sr. No. Description
Ī	4.32	12.00	22.82	21.71	3434	8.16	28.54	Qty:	
	Per Cubic metre.	No	Per Cubic metre.	Per Cubic metre.	Per Cubic metre.	per cubic metre	Per Cubic metre.	Unit	
								Rate (in figure)	
	>							Rate (in words)	Time:
								Amount	Two Month

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

Estimated cost:

Earnest money: Time:-

461742.00 9300.00 Two Month

	Total						
				Per Cubíc metre.	5.63	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
				No	15.00	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 IV: 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.	6
				Per Cubic metre.	30.20	Construction of dry rubble masonary 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.	5
10		_		Per Cubic metre.	26.10	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.	4
				Per Cubic metre.	42.92	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.	ω
•				per cubic metre	10.20	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 materials 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 absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.	N
				Per Cubic metre.	36.10	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 absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.	
Amount.	Rate (in words)	Rate (in figure)	Rate (i	Unit	Qty.	nescription:	31.140.
		inie;-				Name of Work :-R/R Damages on Mealth Quinal Golu Krall road Km 0/00 to 10/500 (SH:- C/O R/Wall at RD 9/025 to 9/040)	Name of V
Turn Month		Timo					

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

Estimated cost:-Earnest money:-Time:-

417192.00 8400.00 Two Month

	Tatal	_				
	,		Per Cubic metre.	9.38	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.	σ
			Per Cubic metre.	78.13	Providing & making Gabion structure with mechanically woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012 ,MORTH Clause 2500, of required size, Mesh Type 10x12 (D=100mm with tolerance of = 2%) Zinic-coated, Mesh wire diameter 2.7/3.7mm, 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-incharge.	۵
			Per Cubic metre.	26.88	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.	3
			per cubic metre	13.44	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 absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.	٧.
			Per Cubic metre.	26.46	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 absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.	
Amount	Rate (in words)	Rate (in figure)	Unit	Qty.	Description	31.140.
Twa Month	,	Time:-			Name of Work :-R/R Damages on Mealth Quinal Golu Krall road Km 0/00 to 10/500 (SH:- C/O R/Wall at RD 5/240 to 5/250 & 8/370 to 8/385)	Name of (SH

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

Estimated cost:-Earnest money:-Time:-

402951.00 8100.00 Two Month

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	Total:		+			
			Per Cubic metre.	5.40	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
	of the		N ₀	15.00	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 19:20H 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.	6
			Per Cubic metre.	24.10	Construction of dry rubble masonary 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.	.√ı
			Per Cubic metre.	24.25	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.	4
			Per Cubic metre.	37.20	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 min nominal size)including hauling of material in all leads and tifts as per the entire satisfaction and direction of Engineer-in-Charge.	ы
			per cubic metre	8.84	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 absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.	2
				_	excavated earth with a lift upto all helpits 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 absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.	
			Per Cubic metre.	30.91	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 weeding out rock(where blasting is prohibited) including a contract of the protect of the property of hill side. Book shall be excavated with chiselling and weeding out rock(where blasting is prohibited) including a contract of the protect of the	
Amount	Rate (in words)	Rate (in figure)	Unit	Qty.	Provi Priori	
Two Month		Time:-			Name of Work :- R/R Damages on Mealth Quinal Golu Krall road Km 0/00 to 10/500 (SH:- C/O R/Wall at RD 10/024 to 10/037) St. No. Description	Name of W (SH:-
00.0018	ney:-	Earnest money:-				

Kotkbal Division (8&R)

DRAFT SCHEDULE OF QUANTITY

of son including saturated soil comprising of mixed soil, ordinary rock and hardy rock all work of rock sents to the hardy rock all work of rock sents to the sent sent sent sent sent sent sent sen	1 Excavation in Hill area by manual/mechanical means: Excavation in soil in hill procedure to the control of th	0	:- C/O B/Wall at R.D 0/622 to 0/642)	me of Work - B/B Dames - By		
bic	Rate (in ligure)					
	Rate (in words)		Time:	Earnest money:-	Estimated cost:-	
	Amount		Two Month	5500.00	272495.00	

	7	6	S		e.		J	-
	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.	Construction of dry rubble masonary 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.	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.	Random rubble stone masonry in cement mortar 1:6(Icement:6sand) for in foundation & super-structure complete like Necatining wall, breast walls, wing walls and stimilar works etc. in all heights complete as per drawing and technical specification for cural 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.	Providing and laying cement concrete 1:6:12 (1 cement:6 sand: 12 graded stone 40mm agregate 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.	Larth work in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of stioring and bracing, renpoval 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-Chargeall useful naterial 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 absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.	blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water 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 specification of rural roads clause 1603.1 all useful material such as stone, shingle, niggregates& 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 absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.	Excavation in Hill area by manual/mechanical means: Excavation in soil in hill area of the determined in the second line of the
	20.00	26.70	3.80	28.80	3.70	19.20	29,10	Qty.
	No	Per Cubic metre.	Per Cubic metre.	Per Cubic metre.	Per Cubic metre.	Per Cubic metre.	Per Cubic metre.	Unit
								Rate (in figure)
Total:-								Rate (in words)
								Amount

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

	_	_					
,	-	Sr. No.	SH:- C/0	Name of			
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	Expanding in Hill area by manual (maghanta)	Sr. No. Description	(SH:- C/O B/Wall at R.D 3/723 to 3/733)	Name of Work: K/K Damage on Raamnagar Thana Mihani road km 0/0 to 8/500			
14.6	Qty.						
Per Cubic metre.	Unit						
	Rate (in figure)						
	Rate (in words)				Time:-	Earnest money:-	Estimated cost:-
	Amount				Two Month	2800.00	137665.00

	\Total:-					
			No	10.0	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.	7
			Per Cubic metre.	12.2	Construction of dry rubble masonary for retaining walls, breast walls, revetment walls and porapets 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	6
			Per Cubic metre.	1.9	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.	
			Per Cubic metre.	15.5	Random rubble stone masonry in cement mortar 1:6(1coment:6sand) for in foundation & super-structure complete like Retaining wail, 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.	51
			Per Cubic metre.	1.8	Providing and laying cement concrete 1:6:12 (1 cement:6 sand:12 graded stone 40mm agregate 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 naterial in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	ω
			Per Cubic metre.	96	Earth work in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and hracing, removal of stumps and other deleterious material and disposal upto all leads, detessing 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 absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.	2
		•	Per Cubic metre.	14.6	bissting shall be carried out 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 bissting 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 absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.	
Amount	Rate (in words)	Rate (in figure)	Unit	Qty.	Description	Sr. No.

Executive Edgineer.
Kotkhaf Division (B&R)

137665.00 2800.00 Two Month

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)

-	The state of the s	****						
	7	6		U.	u	N		Sr. No.
	Providing weep boles in brick/ stone / plain reinforced concrete abutment, wing wall, return walls with 100 mm dia FVC pape 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.	Construction of dry rubble masonary for retaining walls, broast walls, revetinent 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.	Providing and taying concrete mechanically mixed and vibrated PCC M-7.5 nominal mix cement concrete 1-4.8 (1 cement - 4.5 and - 8.0 Graded Stone 2.0 mm nominal size). Plain/reinforced specification clauses 802,803,1202, & 1203 in including the cost of form work and habling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	Pandom rubble stone masonry in cement mortar 1.6[Icement.6sand] for in foundation & super-structure complete Day Rectaining mail, 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 hailing of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-In-Charge.	Providing and laying dement concrete 1:6:12 (1 cement 6 sand : 12 graded stone 40mm agregate 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.	Earth work in excavation for structures as per drawing and technical specifications Glause 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 absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.	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 pre-cautions against soil erosion, damage to hill side, water production etc. and to protect stability of hill side. Rock shall be excavated with chisciling 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 tural roads clause 1603. Lall useful material such as stone, shingle, aggregatess state exc. shall be sorted out and stacked along the road side property. Any loss to the public and private property to during the course of errotution shall be the absoulte responsibility of the contractor which shall have to be duly compensated by him in	_
	10.00	13.40	1.90	14.40	1.80	9.60	1460	Qty.
	Мо	Per Cubic metre.	Per Cubic metre.	Per Cubic metre	Per Cubic metre.	Per Cubic metre.	Per Cubic metre.	Unit
							·	Rate (In figure)
Total:-)							Rate (in words)
								Amount

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

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136165.00 5500.00 Two Month

Estimated cost:-Earnest money:-Time:-

Time: Estimated cost:-Earnest money:-

409355.00 8200.00 Two Month

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4	υ	2			ame of SH:- C/O
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 19: 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.	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.	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-Chargeall 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 absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.	of soil including saturated soil comprising of mixed soil, ordinarly rock and heights and depth in all kind 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 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 absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.	Byravation in Hill 1992 b	Name of Work :- R/R Damage on Chamain Chaouri road Km 0/00 to 4/500 Sr. No. Description 100 to 4/030 to 4/057)
36.00	70.74	30.38	37.80	Qty.	
Each	Cum	Cum	Cum	Unit	
	<u></u>			Rate (in figure)	
				Rate (in words)	Earnest money:- Time:-
				Amouat	8200.00 Two Month
	Providing weep holes in brick/ stone / plain reinforced concrete abutment, wing wall, return walls with 100 mm dia 36.00 PVC pipe extending through the full width of the structure with slope of 1½: 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.	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. 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.	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 absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases. 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. 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 19 : 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.	of soil intelling saturated soil comprising of mixed soil, ordinary rock and hardd rock clutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to bil 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 upon 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 all cases. Earth work in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out. construction of shoring and back filling in trenches with excavated suitable material in ordinary soil upto all depths as directed by the Engineer-in-Charge and the excursed 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 absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases. Providing and alwaying concrete mechanically mixed and vibrated PCC M-7.5 nominal mix cement concrete 1:4.8 [1 70.74 cment: 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. Providing weep holes in brick/ stone / plain reinforced concrete abutment, wing wall, return walls with 100 mm dia per drawing and technical specifications clauses 614, 709 and 1204.3.7 including carriage of material within all leads and lifts and ot	Exercition in Hill area by manual/mechanical means:— Exervation in soil in hill areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hands rock of rock arming the busing shall be carried out by taking all meets are precautions against soil reason, damage to hill and provide of the busing is probibited) including curting and cirrimning of side slopes and disposing of recaused with his busing and weeking out. The providing provided as all exceed by the Engineer-in-Charge in conformable with the requirement of technical pool provided and side stacked along the road side properly. Any loss to the public and private property to during the outs of execution of shoring and bracing, removal of temps and technical specifications. Clause 305.1 including existing out. Earth work in excavation for structures a per drawing and technical specifications clause 305.1 including existing out. The providing and technical specifications of making of sides and broom and back stilling in reschies with excavated suitable material and disposal upper all leads. It is construction of shoring and bracing removal of temps and technical specifications of the single providing the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases. Cum Earth work in excavation for structures a per drawing and technical specifications clauses 305.1 including extent out as stacked along the road side properly. Any losts to the public and private property during the course of the property and providing and private property during the course of the providing and technical specification clauses 802.503.1202. & 1203. Feording and laying concrete mechanical private and visit state property during the course of the providing and private property during the course of the providing and private property during the course of the private providing and private providing and private providing and private providing and priva

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

Name of Work:-R/R Damage on Ratnari link road up to Dunidhar Km 0/00 to 2/735 Estimated cost:-Earnest money:-Time:-

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	2 2 4		2	Sr. No.	(SH:- C/O
	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 19 : 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.	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.	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 absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.	Description	SH:- C/O B/Wall at Rd 1/540 to 1/555)
	25.00	24.30	10.80	Qty.	
	Nos	m3	m3	Unit	
				Rate (in figure)	
Total:-				Rate (in words)	
				Amount	

143142.00 2900.00 Two Month

Estimated cost:-Earnest money:-Time:-

272562.00 5500.00 Two Month

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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.	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.	Providing and laying cement concrete 1:6:12 (1 cement.6 sand: 12 graded stone 40mm agregate 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 swissfaction and direction of the Engineer-in-Charge.	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 absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.	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 feads as alirected 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 absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.	(SH:- C/O B/Wall at RD 0/080.5 to 0/096.5) Sr. No. Description	Name of Work :- R/R Damage on Ramnagar Panchayat road 0/00 to 0/250
16.00	47.00	2.40	2.40	29.28	Qty.	
20	Per Cubic metre.	Per Cubic metre.	Per Cubic metre.	Per Cubic metre.	Unit	
					Rate (in figure)	
					Rate (in words)	
					Amount.	

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