HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

****

No. PW-NHC- Tender -2022-23/- 3779 Dated:- 17-10-2023

To

The Executive Engineer(IT Cell),
Nigam Vihar Shimla.

Subject:- Publication of tender Notice.

Enclosed please find herewith the tender notice of work given in the Notice inviting tender for uploading on Department website as per Notification Pr. Secy. (PW) to the Govt. of Himachal Pradesh letter No. (PBW(B) A(3) 1/2020 dated 16.7.2021 as the works mentioned in the tender notice are urgent nature and in the public interest.

DA / As above

Executive Engineer,
National Highway Division,
HPPWD Chamba.

HIMACHAL PRADESH

PUBLIC WORKS DEPARTMENT

SHORT TERMS INVITED NOTICE

Sealed item rate tender / percentage rate tender on form 6&8 are hereby invited by the undersigned for the following works on behalf of the Governor of Himachal Pradesh from the approved and eligible contractors enlisted in HPPWD . So as to reach in his office on or before **30.10.2023** to 10:30 AM and will be opened on the same day at 11:00 AM, in the presence of the intending Contractor or their authorized representatives if any. The tender form can be had from his office against cash payment i.e 350/- (Nonrefundable). The application for issuing of tender from will be received up to 12:00 PM and sold up to on 3:00 PM on **27.10.2023** at 3:00 PM. The earnest money in the form of FDR from nationalized bank in HP duly pledged in favour of the Executive Engineer, National Highway Division HPPWD Chamba must be accompanied with each tender . Conditional tenders and the tenders received without earnest money will summarily be rejected. The offer of the tender shall be kept open for 30 days. The Executive Engineer, reserves the right to reject the tender without assigning any reason. Special care should be taken to write the rates both in figure and in words**(Urgent nature of work)**

Sr. No	Name of work	Estimated Cost	Earnest money	Cost of form	Time Limit	Eligible Class
1	A/R & M/O to Chakki-Banikhet Chamba Bharmour road NH 154-A Km 106/0 to 172/0 (SH:-C/o supply of delineator in Km 130/0 to 172/0	262500/-	5300/-	350/-	Three month	D&C
2	A/R & M/O on Chakki-Banikhet Chamba Bharmour road NH 154-A Km 39/0 TO 106/0 (SH:- C/o P.C.C R/wall , To[redacted] wall and repair of humepipe at RD 41/395	498937/-	10000	350	Three month	D&C
3	A/R & M/O on Chakki-Banikhet Chamba Bharmour road NH 154-A Km 39/0 TO 106/0 (SH:- C/o P.C.C R/wall , 41/685 to 41/700	496152/-	10000	350	Three month	D&C
4	A/R & M/O on Chakki-Banikhet Chamba Bharmour road NH 154-A Km 106/0 to 172/0(SH:- C/o Protection work of road at Km 134/415 to 134/427(1st & 2nd step)	496947/-	10000	350	Three month	D&C
5	A/R & M/O on Chakki-Banikhet Chamba Bharmour road NH 154-A Km 39/0 TO 106/0 (SH:- C/o P.C.C R/wall , at Km 63/012 to 63/019(Bankhet Bazar	473037/-	10000	350	Three month	D&C
6	A/R & M/O on Chakki-Banikhet Chamba Bharmour road NH 154-A Km 106/0 to 172/0 (SH:- Providing and erecting W Metal Crash barrier at various stretch from Km 152/720 to 756 & 153/880 & 1543//940	499200/-	10000	350	Three month	D&C

7	A/R & M/O on Chakki- Banikhet Chamba Bharmour road NH 154-A Km 106/0 to 172/0 (SH:- Providing and erecting W Metal Crash barrier at various stretch from Km 159/680 to 159/760 & 159/900 to 916	499200/-	10000	350	Three month	D&C
8	A/R & M/O on Chakki- Banikhet Chamba Bharmour road NH 154-A Km 106/0 to 172/0 (SH:- Providing and erecting W Metal Crash barrier at various stretch from Km 159/300 to 159/350 , 159/400 to 159/446	499200/-	10000	350	Three month	D&C
9	A/R & M/O on Chakki- Banikhet Chamba Bharmour road NH 154-A Km 39/0 to 106/0 (SH:- C/o PCC R/wall at RD 84/107 TO 84/112	498964/-	10000	350	Three month	D&C
10	A/R & M/O on Chakki- Banikhet Chamba Bharmour road NH 154-A Km 39/0 to 106/0 (SH:- C/o PCC R/wall at RD 84/102.00 TO 84/107.00	498398/-	10000	350	Three month	D&C
11	A/R & M/O on Chakki- Banikhet Chamba Bharmour road NH 154-A Km 39/0 to 106/0 (SH:- C/o PCC R/wall at RD 95/503 TO 95/508	495800/-	10000	350	Three month	D&C
12	A/R & M/O on Chakki- Banikhet Chamba Bharmour road NH 154-A Km 39/0 to 106/0 (SH:- C/o PCC R/wall at RD 95/513 TO 95/518	495800/-	10000	350	Three month	D&C
13	A/R & M/O on Chakki- Banikhet Chamba Bharmour road NH 154-A Km 39/0 to 106/0 (SH:- C/o PCC R/wall at RD 95/508 TO 95/513	495800/-	10000	350	Three month	D&C
14	A/R & M/O on Chakki- Banikhet Chamba Bharmour road NH 154-A Km 39/0 to 106/0 (SH:- C/o PCC R/wall at RD 60/080 TO 60/095	499158/-	5000/-	350	Three month	D&C
15	A/R & M/O on Chakki- Banikhet Chamba Bharmour road NH 154-A Km 106/0 to 172/0(SH:-C/o wire crates B/wall at RD 147/900 TO 147/914.50	498616/-	10000	350	Three month	D&C
16	A/R & M/O on Chakki- Banikhet Chamba Bharmour road NH 154-A Km 106/0 to 172/0(SH:-C/o wire crates R/wall at RD 142/525 TO 142/539	483368/-	10000	350	Three month	D&C
17	A/R & M/O on Chakki- Banikhet Chamba Bharmour road NH 154-A Km 106/0 to 172/0(SH:-C/o PCC R/wall at RD 107/810 TO 107/815	499550/-	10000	350	Three month	D&C
18	A/R & M/O to Chakki- Banikhet Chamba Bharmour road NH 154-A Km 106/0 to 172/0 (SH:-C/o supply of delineator in Km 106/0 TO 130/0	487500	10000/-	350/-	Three month	D&C

Note:- Tender to the contractor enlisted only (B&R) Department will be issued after fulfill the below condition .

1. Income Tax
2. GST
3. Registration / Renewal.

Executive Engineer,
NH Division

OFFICE OF

EXECUTIVE ENGINEER NATIONAL HIGHWAY DIVISION HPPWD CHAMBA
HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT CHAMBA
PHONE No. 01899-223858 email:- eenh-cha- hp@gov.in

It is certified that tender of work , as called vide this office letter No. PW- NHC- Tender-2022-23 - 3779 dated 17.10.2023 are emergent nature in exigency of public interest

Executive Engineer,
NH Division
HPPWD Chamba .

Schedule of Quantity

NName of work : A/R & M/O on Chakki Banikhet Chamba Bharmour road Km. 106/0 to 172/0

Sub Head:- ~~Installation~~ Supply. of delineator in km 130/0 to 172/0.

				Estimated	262500/-/-
				Earnest	5300/-
				Time:-	Three month
Sr. No.	**Description of item**	**Qty.**	**Rate**	**Unit**	**Amount**
1	**2**	**3**		**6**	**7**
1	Dual directional delineator made out of 18 gauge MS rectangular pipe of size 25 x 68 mm and of length 600 mm. Pipe powder coated head made out of impact resistant plastic rectangular moulded with flat face provided with high intensity prismatic reflector of colour yellow of size 100 x 125 mm with additional 2 reflective strips of 25 mm wide.	210.00	1250.00	Nos	262500.00
				TOTAL=	**262500.00**

DNIT approved for Rs 2,62,500/- only

AE

Executive Engineer
NH Division
HPPWD Chamba

Assistant Engineer
N.H. Sub Division
H.P.P.W.D. CHAMBA

SCHEDULE OF QUANTITY

Name of work :-A/R & M/O Chakki-Banikhet-Chamba-Bharmor road of NH-154A 39/00 TO 106/00
SH:- Construction of PCC R/wall,Toe wall and Repair of Humepipe at RD 41/395

Estimated cost	498937
Earnest Money	10000
Time	Three months

Sr. No.	Description of item	Qty.	Rate In figure	Rate In words	Unit	Amount
1	2	3	4		6	7
1	Earth work in excavation of foundation of structure in all kinds of classification of soil such as pick work, jumper work, blasting work saturated soil including chiseling wedging out of rock where blasting is prohibited or any other mixed variety of soil, dewatering and/or removal of slush and other incidentals, lifts upto any height, stacking the excavated soil upto all leads and lifts clear from the edge of excavation and then returning the stacked soil in 15cm (Fifteen centimetre) thick layer when required into plinths, sides of foundation etc. consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth to the disposal point within all leads and lifts complete in all respects, and as per direction of Engineer-in-Charge.	6.975	359	Three hundred and fifty nine rupees	Cubic metre	2504.025
2	Providing and laying plain cement concrete (M-15) mechanically mixed, vibrated and placing in position and curing containing minimum contents of cement as 5.50 bags per cum. (Five point five zero bags per cubic metre) complete as per drawing and technical specification in open foundation complete as per MORTH specification No 1500,1700 and 2100 including carriage of materials and equipment including mechanical transport and cost of form work and other incidental required to complete the work to the entire satisfaction of Engineer-In-Charge including all leads and lifts.	77.94	6122.00	Six thousand onet hundred and twenty two rupees	Cubic metre	477148.68
3	Providing weep holes in stone, brick masonry/plain /reinforced concrete abutment wing wall /return wall , breast wall and retaining wall with 100mm dia (one hundred millimeter diameter) AC/PVC pipe extended through the full width of the structure with slope of 1V :20 H (One vertical isto 20 Horizontal) towards drawing face complete as per drawing and technical MORT&H specification No 2706 and 2200 including carriage of material with in all leads and lift including mechanical and transportation to the entire staisfication of Engineer- in - Charge.	16.00	293.00	two hundred and ninty three	Each	4688.00
4	Backfilling behibd the retaining wall, wing walls, return walls complete as per drawing and technical specification. Clauses 1204.3.8. within all leads and lifts complete in all respects, and as per direction of Engineer-in-Charge.	18.43	792.00	seven hundred and ninty two	Cubic metre	14596.56
				TOTAL=		498937

DNIT approved for Rs 498937 only

Assistant Engineer
NH Sub-Division HPPWD,
Banikhet

Executive Engineer
NH Division
HPPWD Chamba

SCHEDULE OF QUANTITY

Name of work :-A/R & M/O Chakki-Banikhet-Chamba-Bharmor road of NH-154A 39/00 TO 106/00
SH:- Construction of PCC R/wall at RD 41/685 to 41/700

Estimated cost	496152
Earnest Money	10000
Time	Three months

Sr. No.	Description of item	Qty.	Rate In figure	Rate In words	Unit	Amount
1	2	3	4		6	7
1	Earth work in excavation of foundation of structure in all kinds of classification of soil such as pick work, jumper work, blasting work saturated soil including chiseling wedging out of rock where blasting is prohibited or any other mixed variety of soil, dewatering and/or removal of slush and other incidentals, lifts upto any height, stacking the excavated soil upto all leads and lifts clear from the edge of excavation and then returning the stacked soil in 15cm (Fifteen centimetre) thick layer when required into plinths, sides of foundation etc. consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth to the disposal point within all leads and lifts complete in all respects, and as per direction of Engineer-in-Charge.	49.68	359	Three hundred and fifty nine rupees	Cubic metre	17835.12
2	Providing and laying plain cement concrete (M-15) mechanically mixed, vibrated and placing in position and curing containing minimum contents of cement as 5.50 bags per cum. (Five point five zero bags per cubic metre) complete as per drawing and technical specification in open foundation complete as per MORTH specification No 1500,1700 and 2100 including carriage of materials and equipment including mechanical transport and cost of form work and other incidental required to complete the work to the entire satisfaction of Engineer-In-Charge including all leads and lifts.	76.14	6122.00	Six thousand onet hundred and twenty two rupees	Cubic metre	466129.08
3	Providing weep holes in stone, brick masonry/plain /reinforced concrete abutment wing wall /return wall , breast wall and retaining wall with 100mm dia (one hundred millimeter diameter) AC/PVC pipe extended through the full width of the structure with slope of 1V :20 H (One vertical isto 20 Horizontal) towards drawing face complete as per drawing and technical MORT&H specification No 2706 and 2200 including carriage of material with in all leads and lift including mechanical and transportation to the entire staisfication of Engineer- in - Charge.	27.00	293.00	two hundred and ninty three	Each	7911.00
4	Backfilling behibd the retaining wall, wing walls, return walls complete as per drawing and technical specification. Clauses 1204.3.8. within all leads and lifts complete in all respects, and as per direction of Engineer-in-Charge.	5.40	792.00	seven hundred and ninty two	Cubic metre	4276.80
					TOTAL=	496152

DNIT approved tender Rs 4

Assistant Engineer
N.H. Sub Division
H.P.P.W.D. CHAMBA

Executive Engin
NH Division
HPPWD Cham

DNIT

Name of work:- HIR 0 0/2 To Chakki-Banikhet-Chamba-Bharmor road of NH-154A km 106/0 to 172/0.
SH:--Protection work of road at Km 134/415 to 134/427(1st & 2nd step)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In figure	In words		
			Estimated cost=496947 Earnst money=10000 Time limit=one month			
1	2	3			6	7
1	Earth work in excavation of foundation of structure in all kinds of classification of soil such as pick work, jumper work, blasting work saturated soil including chiseling wedging out of rock where blasting is prohibited or any other mixed variety of soil, dewatering and/or removal of slush and other incidentals, lifts upto any height, stacking the excavated soil upto all leads and lifts clear from the edge of excavation and then returning the stacked soil in 15cm (Fifteen centimetre) thick layer when required into plinths, sides of foundation etc. consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth to the disposal point within all leads and lifts complete in all respects, and as per direction of Engineer-in-Charge.	106.56	359.00	Three hundred fifty nine only	Cubic metre	38255.04
2	Providing and laying plain cement concrete (M-15) mechanically mixed, vibrated and placing in position and curing containing minimum contents of cement as 5.50 bags per cum. (Five point five zero bags per cubic metre) complete as per drawing and technical specification in open foundation complete as per MORTH specification No 1500,1700 and 2100 including carriage of materials and equipment including mechanical transport and cost of form work and other incidental required to complete the work to the entire satisfaction of Engineer-In-Charge including all leads and lifts.	69.12	6509.00	Six thousand five hundred nine only	Cubic metre	449902.08
3	Providing weep holes in stone, brick masonry/plain /reinforced concrete abutment wing wall /return wall , breast wall and retaining wall with 100mm dia (one hundred millimeter diameter) AC/PVC pipe extended through the full width of the structure with slope of 1V :20 H (One vertical isto 20 Horizontal) towards drawing face complete as per drawing and technical MORT&H specification No 2706 and 2200 including carriage of material with in all leads and lift including mechanical and transportation to the entire staisfication of Engineer- in - Charge.	30.00	293.00	Two hundred ninety nine only	Nos	8790.00
					TOTAL=	496947.00

DNIT approved for Rs 496947/- only

Executive Engineer
NH Division
HPPWD Chamba

Draft Schedule of Quantity

Name of work :-A/R & M/O on Chakki Banikhet Chamba Bharmour road NH-154A Km. 39/0 to172/0/0 to172/0 (SH:-Construction of PCC Retaining wall at km.63/012 to63/019)(Banikhet Bazar)

Estimated Cost :- Rs. 473037.00
Earnest Money :- Rs. 10000/-
Time :- Three Months

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In figure	In words		
1	2	3	4	5	6	7
1	Earth work in excavation of foundation of structure in all kinds of classification of soil such as pick work, jumper work, blasting work saturated soil including chiseling wedging out of rock where blasting is prohibited or any other mixed variety of soil, dewatering and/or removal of slush and other incidentals, lifts upto any height, stacking the excavated soil upto all leads and lifts clear from the edge of excavation and then returning the stacked soil in 15cm (Fifteen centimetre) thick layer when required into plinths, sides of foundation etc. consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth to the disposal point within all leads and lifts complete in all respects, and as per direction of Engineer-in-Charge.	33.60	359.00	Rupees three hundred fifty nine only.	Per Cubic metre	12062.00
2	Providing and laying plain cement concrete (M-15) (M-fifteen) mechanically mixed, vibrated and placing in position and curing containing minimum contents of cement as 5.50 bags per cum. (Five point five zero bags per cubic metre) complete as per drawing and technical specification in open foundation complete as per MORT&H specification 5th revision No 1500, 1700 & 2100 including carriage of materials and equipment including mechanical transport and cost of form work and other incidental required to complete the work to the entire satisfaction of Engineer-In-Charge including all leads and lifts.	72.80	6122.00	Rupees six thousand one hundred twenty two only.	Per Cubic metre	445682.00
3	Providing weep holes in stone, brick masonry/plain /reinforced concrete abutment wing wall /return wall , breast wall and retaining wall with 100mm dia (one hundred millimeter diameter) AC/PVC pipe extended through the full width of the structure with slope of 1V :20 H (One vertical isto twenty Horizontal) towards drawing face complete as per drawing and technical MORTH specification No 2706 and 2200 including carriage of material with in all leads and lifts including mechanical transportation to the entire satisfaction of Engineer- in - Charge complete in all respect.	17	293.00	Rupees two hundred ninty three only.	Each	4981.00
4	Backfilling behind abutment, wing wall and return wall with granular material complete as per the Drawings and MORT&H Specifications. 710.1.4 of IRC :78 and 2200 (5th revision) Item to include all materials, labour, machinery/equipment and incidental work including mechanical transport required to complete the job including all leads and lifts and as per direction of Engineer-in-Charge. Measurement shall be made for compacted finished volume of the backfilling material.	13.02	792.00	Rupees seven hundred ninty two only.	Per Cubic metre	10312.00
					Total	**473037.0**

DNIT approved for Rs 473037

Executive Engineer,
National Highway Division,
HPPWD Chamba.

DNIT

Name of work :- A/R & M/O on Chakki- Banikhet Chamba Bharmour road NH 154-A Km 106/0 to 172/0 (SH:-Providing and erecting W meatl Crash Barriar at various streatches from Km ~~152/0 to 154~~/0 152/720 to 756 & 153/880 & 153/940	Estimated Cost :- Rs.	499200.00
	Earnest Money :- Rs.	10000/-
	Time :- Three month.	

Sr No.	Description of item	Qty.	Rate In figure	Rate In words	Unit	Amount
1	2	3	4	5	6	7
1	Providing and erecting a "W" metal beam crash barrier comprising of 3mm (three millimetre) thick corrugated sheet metal beam rail, 70cm (Seventy centimetre) above road/ ground level, fixed on ISMC series channel vertical post, 150x75x5mm (one hundred fifty into seventy five into five millimetre) spaced 2m (Two metre) centre to centre , 1.8 m (One decimal eight metre) high, 1.1 m (One decimal one metre) below ground/ road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS : 1367 and IS : 1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x75 x 5mm (One hundred fifty into seventy five into five millimeter), 330 mm (three hundred thirty millimetre) long complete as per clause 810 and as per direction of the Engineer-in- Charge including all leads and lifts complete in all respect.	96.00	5200.00	(Rupees :- Five thousand two hundred	Per Running Metre	499200.00
						499200.00

DNIT Approved Amounting to RS 499200/-

Executive Engineer,
National Highway Division
HPPWD, Chamba

DNIT

Name of work - A/R & M/O on Chakki- Banikhet Chamba Bharmour road NH 154-A Km 106/0 to 172/0
(SH -Providing and erecting W meatl Crash Barriar at various streatches from Km ~~158/0~~ to ~~172/0~~ 159/680 to 159/760 & 159/900 to 916

Estimated Cost - Rs	499200.00
Earnest Money - Rs	10000/-
Time - Three month	

Sr No	Description of item	Qty	Rate In figure	Rate In words	Unit	Amount
1	2	3	4	5	6	7
1	Providing and erecting a "W" metal beam crash barrier comprising of 3mm (three millimetre) thick corrugated sheet metal beam rail, 70cm (Seventy centimetre) above road/ ground level, fixed on ISMC series channel vertical post, 150x75x5mm (one hundred fifty into seventy five into five millimetre) spaced 2m (Two metre) centre to centre , 1.8 m (One decimal eight metre) high, 1.1 m (One decimal one metre) below ground/ road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS : 1367 and IS : 1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x75 x 5mm (One hundred fifty into seventy five into five millimeter), 330 mm (three hundred thirty millimetre) long complete as per clause 810 and as per direction of the Engineer-in- Charge including all leads and lifts complete in all respect.	96.00	5200.00	(Rupees - Five thousand two hundred	Per Running Metre	499200.00
						499200.00

DNIT approved Amounting to Rs 4,99,200/-

Executive Engineer,
National Highway Division
HPPWD, Chamba

DNIT

Name of work :- A/R & M/O on Chakki- Banikhet Chamba Bharmour road NH 154-A Km 106/0 to 172/0
(SH:-Providing and erecting W meatal Crash Barriar at various streatches from from Kharamukh to Bharmour ~~158/0 to 172/0~~
159/300 to 159/350, 159/400 to 159/446

Estimated Cost - Rs	499200.00
Earnest Money - Rs	10000/-
Time - Three month	

Sr. No.	Description of item	Qty	Rate In figure	Rate In words	Unit	Amount
1	2	3	4	5	6	7
1	Providing and erecting a "W" metal beam crash barrier comprising of 3mm (three millimetre) thick corrugated sheet metal beam rail, 70cm (Seventy centimetre) above road/ ground level, fixed on ISMC series channel vertical post, 150x75x5mm (one hundred fifty into seventy five into five millimetre) spaced 2m (Two metre) centre to centre , 1.8 m (One decimal eight metre) high, 1.1 m (One decimal one metre) below ground/ road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS : 1367 and IS : 1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x75 x 5mm (One hundred fifty into seventy five into five millimeter), 330 mm (three hundred thirty millimetre) long complete as per clause 810 and as per direction of the Engineer-in- Charge including all leads and lifts complete in all respect.	96.00	5200.00	(Rupees :- Five thousand two hundred	Per Running Metre	499200.00
						499200.00

DNIT Approved Amounting to RS 4,99,200/-

Executive Engineer,
National Highway Division
HPPWD, Chamba

Schedule of Quantity

Name of work:- Restoration of Rain Damage on Chakki Banikhet Chamba Bharmour Road km 39/0 to 106/0. (SH:- C/O PCC R/wall at RD 84/107-84/112)

Estimated Cost (Rs.)	498964.00
Earnest Money (Rs.)	10000.00
Time Limit	3 months

Sr. No.	Description of item	Qty.	Rate In figure	Rate In words	Unit	Amount
1	Earth work in excavation of foundation of structure in all kinds of classification of soil such as pick work, jumper work, blasting work saturated soil including chiseling wedging out of rock where blasting is prohibited or any other mixed variety of soil, dewatering and/or removal of slush and other incidentals, lifts upto any height, stacking the excavated soil upto all leads and lifts clear from the edge of excavation and then returning the stacked soil in 15cm (Fifteen centimetre) thick layer when required into plinths, sides of foundation etc. consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth to the disposal point within all leads and lifts complete in all respacts and as per dircetion of Engineer- in Charge .	40.20	359.00	Three hundres fifty nine	Cubic metre	14432.00
2	Providing and laying plain cement concrete (M-15) mechanically mixed, vibrated and placing in position and curing containing minimum contents of cement as 5.50 bags per cum. (Five point five zero bags per cubic metre) complete as per drawing and technical specification in open foundation complete as per MORD specification No 1500,1700 and 2100 including carriage of materials and equipment including mechanical transport and cost of form work and other incidental required to complete the work to the entire satisfaction of Engineer-In-Charge including all leads and lifts.	75.20	6256.00	Six thousand two hundred fifty six	Cubic metre	470451.00
3	Providing weep holes in stone, brick masonry/plain /reinforced concrete abutment wing wall /return wall , breast wall and retaining wall with 100mm dia (one hundred millimeter diameter) PVC pipe extended through the full width of the structure with slope of 1V :20 H (One vertical isto 20 Horizontal) towards drawing face complete as per drawing and technical MORD specification No 2706 and 2200 including carriage of material with in all leads and lift .	15	293.00	Two hundred ninety three	Each	4395.00
4	Back filling behind the retaining wall , wing wall, return walls complete as per drawing and techinical specification Clause 1204.3.8 with in leads and lifts complete in all respacts and asp er direction of Engineer- in- Chief.	12.23	792.00	Seven hundred ninety two	Cubic metre	9686.00
					Total (Rs.)	**498964.00**

DNIT approved for Rs 4989641

Assistant Engineer
NH Sub Division H.P.PWD
Banikhat

Executive Engineer
NH Division
HPPWD Chamba

Schedule of Quantity

Name of work:- Restoration of Rain Damage on Chakki Banikhet Chamba Bharmour Road km 39/0 to 106/0. (SH:- C/O PCC R/wall at RD 84/102.00 to 84/107.00)

Estimated Cost (Rs.)	498398.00
Earnest Money (Rs.)	10000.00
Time Limit	3 months

Sr. No.	Description of item	Qty.	Rate In figure	Rate In words	Unit	Amount
1	Earth work in excavation of foundation of structure in all kinds of classification of soil such as pick work, jumper work, blasting work saturated soil including chiseling wedging out of rock where blasting is prohibited or any other mixed variety of soil, dewatering and/or removal of slush and other incidentals, lifts upto any height, stacking the excavated soil upto all leads and lifts clear from the edge of excavation and then returning the stacked soil in 15cm (Fifteen centimetre) thick layer when required into plinths, sides of foundation etc. consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth to the disposal point within all leads and lifts complete in all respacts and as per dircetion of Engineer- in Charge .	38.63	359.00	Three hundres fifty nine	Cubic metre	13866.00
2	Providing and laying plain cement concrete (M-15) mechanically mixed, vibrated and placing in position and curing containing minimum contents of cement as 5.50 bags per cum. (Five point five zero bags per cubic metre) complete as per drawing and technical specification in open foundation complete as per MORD specification No 1500,1700 and 2100 including carriage of materials and equipment including mechanical transport and cost of form work and other incidental required to complete the work to the entire satisfaction of Engineer-In-Charge including all leads and lifts.	75.20	6256.00	Six thousand two hundred fifty six	Cubic metre	470451.00
3	Providing weep holes in stone, brick masonry/plain /reinforced concrete abutment wing wall /return wall , breast wall and retaining wall with 100mm dia (one hundred millimeter diameter) PVC pipe extended through the full width of the structure with slope of 1V :20 H (One vertical isto 20 Horizontal) towards drawing face complete as per drawing and technical MORD specification No 2706 and 2200 including carriage of material with in all leads and lift .	15	293.00	Two hundred ninety three	Each	4395.00
4	Back filling behind the retaining wall , wing wall, return walls complete as per drawing and techinical specification Clause 1204.3.8 with in leads and lifts complete in all respacts and asp er direction of Engineer- in- Chief.	12.23	792.00	Seven hundred ninety two	Cubic metre	9686.00
					Total (Rs.)	**498398.00**

Assistant Engineer
NH Sub Division H.P.PWD
Banikhat

DNIT approved for Rs 498398/-

Executive Engineer
NH Division
HPPWD Chamba

Schedule of Quantity

Name of work:-A/R & M/O on Chakki Banikhet Chamba Bharmour Road km 39/0 to 106/0. (SH:- C/O PCC R/wall at RD 95/503 to 95/508)

Estimated Cost (Rs.)	495800.00
Earnest Money (Rs.)	10000.00
Time Limit	3 months

Sr. No.	Description of item	Qty.	Rate In figure	Rate In words	Unit	Amount
1	Earth work in excavation of foundation of structure in all kinds of classification of soil such as pick work, jumper work, blasting work saturated soil including chiseling wedging out of rock where blasting is prohibited or any other mixed variety of soil, dewatering and/or removal of slush and other incidentals, lifts upto any height, stacking the excavated soil upto all leads and lifts clear from the edge of excavation and then returning the stacked soil in 15cm (Fifteen centimetre) thick layer when required into plinths, sides of foundation etc. consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth to the disposal point within all leads and lifts complete in all respacts and as per dircetion of Engineer- in Charge .	26.98	359.00	Three hundres fifty nine	Cubic metre	9684.00
2	Providing and laying plain cement concrete (M-15) mechanically mixed, vibrated and placing in position and curing containing minimum contents of cement as 5.50 bags per cum. (Five point five zero bags per cubic metre) complete as per drawing and technical specification in open foundation complete as per MORD specification No 1500,1700 and 2100 including carriage of materials and equipment including mechanical transport and cost of form work and other incidental required to complete the work to the entire satisfaction of Engineer-In-Charge including all leads and lifts.	75.20	6256.00	Six thousand two hundred fifty six	Cubic metre	470451.00
3	Providing weep holes in stone, brick masonry/plain /reinforced concrete abutment wing wall /return wall , breast wall and retaining wall with 100mm dia (one hundred millimeter diameter) PVC pipe extended through the full width of the structure with slope of 1V :20 H (One vertical isto 20 Horizontal) towards drawing face complete as per drawing and technical MORD specification No 2706 and 2200 including carriage of material with in all leads and lift .	15	293.00	Two hundred ninety three	Each	4395.00
4	Back filling behind the retaining wall , wing wall, return walls complete as per drawing and techinical specification Clause 1204.3.8 with in leads and lifts complete in all respacts and asp er direction of Engineer- in- Chief.	14.23	792.00	Seven hundred ninety two	Cubic metre	11270.00
					Total (Rs.)	**495800.00**

DNIT approved for Rs 495800/-

Assistant Engineer
NH Sub Division H.P.PWD
Banikhet

Executive Engineer
NH Division
HPPWD Chamba

Schedule of Quantity

Name of work:-A/R & M/O on Chakki Banikhet Chamba Bharmour Road km 39/0 to 106/0. (SH:- C/O PCC R/wall at RD 95/513 to 95/518)

Estimated Cost (Rs.)	495800.00
Earnest Money (Rs.)	10000.00
Time Limit	3 months

Sr. No.	Description of item	Qty.	Rate In figure	Rate In words	Unit	Amount
1	Earth work in excavation of foundation of structure in all kinds of classification of soil such as pick work, jumper work, blasting work saturated soil including chiseling wedging out of rock where blasting is prohibited or any other mixed variety of soil, dewatering and/or removal of slush and other incidentals, lifts upto any height, stacking the excavated soil upto all leads and lifts clear from the edge of excavation and then returning the stacked soil in 15cm (Fifteen centimetre) thick layer when required into plinths, sides of foundation etc. consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth to the disposal point within all leads and lifts complete in all respacts and as per dircetion of Engineer- in Charge .	26.98	359.00	Three hundres fifty nine	Cubic metre	9684.00
2	Providing and laying plain cement concrete (M-15) mechanically mixed, vibrated and placing in position and curing containing minimum contents of cement as 5.50 bags per cum. (Five point five zero bags per cubic metre) complete as per drawing and technical specification in open foundation complete as per MORD specification No 1500,1700 and 2100 including carriage of materials and equipment including mechanical transport and cost of form work and other incidental required to complete the work to the entire satisfaction of Engineer-In-Charge including all leads and lifts.	75.20	6256.00	Six thousand two hundred fifty six	Cubic metre	470451.00
3	Providing weep holes in stone, brick masonry/plain /reinforced concrete abutment wing wall /return wall , breast wall and retaining wall with 100mm dia (one hundred millimeter diameter) PVC pipe extended through the full width of the structure with slope of 1V :20 H (One vertical isto 20 Horizontal) towards drawing face complete as per drawing and technical MORD specification No 2706 and 2200 including carriage of material with in all leads and lift .	15	293.00	Two hundred ninety three	Each	4395.00
4	Back filling behind the retaining wall , wing wall, return walls complete as per drawing and techinical specification Clause 1204.3.8 with in leads and lifts complete in all respacts and asp er direction of Engineer- in- Chief.	14.23	792.00	Seven hundred ninety two	Cubic metre	11270.00
					Total (Rs.)	**495800.00**

DNIT approved for Rs 495800/-

Assistant Engineer
NH Sub Division H.P.PWD
Banikhet

Executive Engineer
NH Division
HPPWD Chamba

Schedule of Quantity

Name of work:-A/R & M/O on Chakki Banikhet Chamba Bharmour Road km 39/0 to 106/0. (SH:- C/O PCC R/wall at RD 95/508 to 95/513)

Estimated Cost (Rs.)	495800.00
Earnest Money (Rs.)	10000.00
Time Limit	3 months

Sr. No.	Description of item	Qty.	Rate In figure	Rate In words	Unit	Amount
1	Earth work in excavation of foundation of structure in all kinds of classification of soil such as pick work, jumper work, blasting work saturated soil including chiseling wedging out of rock where blasting is prohibited or any other mixed variety of soil, dewatering and/or removal of slush and other incidentals, lifts upto any height, stacking the excavated soil upto all leads and lifts clear from the edge of excavation and then returning the stacked soil in 15cm (Fifteen centimetre) thick layer when required into plinths, sides of foundation etc. consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth to the disposal point within all leads and lifts complete in all respacts and as per dircetion of Engineer- in Charge .	26.98	359.00	Three hundres fifty nine	Cubic metre	9684.00
2	Providing and laying plain cement concrete (M-15) mechanically mixed, vibrated and placing in position and curing containing minimum contents of cement as 5.50 bags per cum. (Five point five zero bags per cubic metre) complete as per drawing and technical specification in open foundation complete as per MORD specification No 1500,1700 and 2100 including carriage of materials and equipment including mechanical transport and cost of form work and other incidental required to complete the work to the entire satisfaction of Engineer-In-Charge including all leads and lifts.	75.20	6256.00	Six thousand two hundred fifty six	Cubic metre	470451.00
3	Providing weep holes in stone, brick masonry/plain /reinforced concrete abutment wing wall /return wall , breast wall and retaining wall with 100mm dia (one hundred millimeter diameter) PVC pipe extended through the full width of the structure with slope of 1V :20 H (One vertical isto 20 Horizontal) towards drawing face complete as per drawing and technical MORD specification No 2706 and 2200 including carriage of material with in all leads and lift .	15	293.00	Two hundred ninety three	Each	4395.00
4	Back filling behind the retaining wall , wing wall, return walls complete as per drawing and techinical specification Clause 1204.3.8 with in leads and lifts complete in all respacts and asp er direction of Engineer- in- Chief.	14.23	792.00	Seven hundred ninety two	Cubic metre	11270.00
					Total (Rs.)	**495800.00**

Assistant Engineer
NH Sub Division HPPWD
Banikhet

DNIT approved for Rs 495800/-

Executive Engineer
NH Division
HPPWD Chamba

SCHEDULE OF QUANTITY

Name of work :-A/R & M/O Chakki-Banikhet-Chamba-Bharmor road of NH-154A 39/00 TO 106/00
S/H:- Construction of PCC R/wall at RD 60/080 TO 60/095

					Estimated cost	499158
					Earnest Money	10000
					Time	Three months
Sr. No.	Description of item	Qty.	Rate In figure	Rate In words	Unit	Amount
1	2	3	4		6	7
1	Earth work in excavation of foundation of structure in all kinds of classification of soil such as pick work, jumper work, blasting work saturated soil including chiseling wedging out of rock where blasting is prohibited or any other mixed variety of soil, dewatering and/or removal of slush and other incidentals, lifts upto any height, stacking the excavated soil upto all leads and lifts clear from the edge of excavation and then returning the stacked soil in 15cm (Fifteen centimetre) thick layer when required into plinths, sides of foundation etc. consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth to the disposal point within all leads and lifts complete in all respects, and as per direction of Engineer-in-Charge.	50.048	359	Three hundred and fifty nine rupees	Cubic metre	17967.232
2	Providing and laying plain cement concrete (M-15) mechanically mixed, vibrated and placing in position and curing containing minimum contents of cement as 5.50 bags per cum. (Five point five zero bags per cubic metre) complete as per drawing and technical specification in open foundation complete as per MORTH specification No 1500,1700 and 2100 including carriage of materials and equipment including mechanical transport and cost of form work and other incidental required to complete the work to the entire satisfaction of Engineer-In-Charge including all leads and lifts.	76.70	6122.00	Six thousand onet hundred and twenty two rupees	Cubic metre	469557.40
3	Providing weep holes in stone, brick masonry/plain /reinforced concrete abutment wing wall /return wall , breast wall and retaining wall with 100mm dia (one hundred millimeter diameter) AC/PVC pipe extended through the full width of the structure with slope of 1V :20 H (One vertical isto 20 Horizontal) towards drawing face complete as per drawing and technical MORT&H specification No 2706 and 2200 including carriage of material with in all leads and lift including mechanical and transportation to the entire staisfication of Engineer- in - Charge.	25.00	293.00	two hundred and ninty three	Each	7325.00
4	Backfilling behibd the retaining wall, wing walls, return walls complete as per drawing and technical specification. Clauses 1204.3.8. within all leads and lifts complete in all respects, and as per direction of Engineer-in-Charge.	5.44	792.00	seven hundred and ninty two	Cubic metre	4308.48
				TOTAL=		499158

new DNIT approved for Rs 499158/-

Assistant Engineer
N.H. Sub Division
H.P.P.W.D. CHAMBA

Executive Engi
NH Division
HPPWD C mb

D.N.I.T.

Name of work :- AR & M10 on Chakki Banikhet Chamba Bharmour road Km. 106/0 to 172/0

Sub Head:- Construction of wire Crates B/wall at RD 147 1900 To 147 1914.56

Estimated Cost :- Rs 4,98,616/-

Earnest Money :- Rs 10,000/-

Time :- Three month

Sr. No.	Description of item	Qty	Rate In figure	Rate In words	Unit	Amount
1	2	3	4	5	6	7
1	Excavation in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut material with all lift and lead upto 1000 metres within all leads and lifts complete in all respects, and as per direction of Engineer-in-Charge	45.24 Cubic metre	224.00	Rupees two hundred twenty four only	Per Cubic metre	10,133.00
2	Earth work in excavation of foundation of structure in all kinds of classification of soil such as pick work, jumper work, blasting work saturated soil including chiseling wedging out of rock where blasting is prohibited or any other mixed variety of soil, dewatering and/or removal of slush and other incidentals, lifts upto any height, stacking the excavated soil upto all leads and lifts clear from the edge of excavation and then returning the stacked soil in 15cm (Fifteen centimetre) thick layer when required into plinths, sides of foundation etc consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth to the disposal point within all leads and lifts complete in all respects, and as per direction of Engineer-in-Charge	21.75 Cubic metre	359.00	Rupees Three hundred fifty nine only	Per Cubic metre	7808.00
3	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS 280 and IS 4826 in 100 mm x 100 mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 1301	181.25 Cubic metre	2652.00	Rupees two thousand six hundred fifty two only	Per Cubic metre	4,80,675.00
					TOTAL=	4,98,616.00

D.N.I.T. Approved for approved for 2/3 4,98,6

Executive Engineer
NH Division
HPPWD Chamba

Draft Schedule of Quantity

Name of work : 42-8 m 10 on Chakki Banikhet Chamba Bharmour road Km. 106/0 to 172/0

Sub Head.- Cons. uction of wire Crates R/wall at RD 142/525 70/142/539

Estimated Cost :- Rs. 4833 68/-

Earnest Money :- Rs. 9667/-

Time :- Three month

Sr. No.	Description of item	Qty.	Rate In figure	Rate In words	Unit	Amount
1	2	3	4	5	6	7
1	Excavation in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut material with all lift and lead upto 1000 metres within all leads and lifts complete in all respects, and as per direction of Engineer-in-Charge	52.36 Cubic metre	224.00	Rupees two hundred twenty four only	Per Cubic metre	11729.00
2	Earth work in excavation of foundation of structure in all kinds of classification of soil such as pick work, jumper work, blasting work saturated soil including chiseling wedging out of rock where blasting is prohibited or any other mixed variety of soil, dewatering and/or removal of slush and other incidentals, lifts upto any height, stacking the excavated soil upto all leads and lifts clear from the edge of excavation and then returning the stacked soil in 15cm (Fifteen centimetre) thick layer when required into plinths, sides of foundation etc. consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth to the disposal point within all leads and lifts complete in all respects, and as per direction of Engineer-in-Charge	21.00 Cubic metre	359.00	Rupees Three hundred fifty nine only	Per Cubic metre	7539.00
3	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS 280 and IS:4826 in 100 mm x 100 mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 1301	175.00 Cubic metre	2652.00	Rupees two thousand six hundred fifty two only	Per Cubic metre	464100
					TOTAL=	483368.00

DNIT approved for Rs 4,83,368/- only.

Executive Engineer
NH Division
HPPWD. Chamba.

Executive Eng
NH Division
HPPWD Chamba

H.P.P.W.D. CHAMBA

Schedule of Quantity

Name of work :- A/R and M/O on Chakki-Banikhet-Chamba-Bharmour Road NH-154A km 106/0 to 172/0. SH-: C/O PCC R/wall at RD 107/810 to 107/815

E/ Cost	499550
E / Money	10000
Time	3 months

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In figure	In words		
1	Earth work in excavation of foundation of structure in all kinds of classification of soil such as pick work, jumper work, blasting work saturated soil including chiseling wedging out of rock where blasting is prohibited or any other mixed variety of soil, dewatering and/or removal of slush and other incidentals, lifts upto any height, stacking the excavated soil upto all leads and lifts clear from the edge of excavation and then returning the stacked soil in 15cm (Fifteen centimetre) thick layer when required into plinths, sides of foundation etc. consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth to the disposal point within all leads and lifts complete in all respacts and as per dircetion of Engineer- in Charge .	26.95	359.00	Three hundres fifty nine	Cubic metre	9675
2	Providing and laying plain cement concrete (M-15) mechanically mixed, vibrated and placing in position and curing containing minimum contents of cement as 5.50 bags per cum. (Five point five zero bags per cubic metre) complete as per drawing and technical specification in open foundation complete as per MORD specification No 1500,1700 and 2100 including carriage of materials and equipment including mechanical transport and cost of form work and other incidental required to complete the work to the entire satisfaction of Engineer-In-Charge including all leads and lifts.	74.85	6347.00	Six thousand six hundred sixty six	Cubic metre	475073
3	Providing weep holes in stone, brick masonry/plain /reinforced concrete abutment wing wall /return wall , breast wall and retaining wall with 100mm dia (one hundred millimeter diameter) AC/PVC pipe extended through the full width of the structure with slope of 1V :20 H (One vertical isto 20 Horizontal) towards drawing face complete as per drawing and technical MORD specification No 2706 and 2200 including carriage of material with in all leads and lift .	12.00	293.00	Two hundred ninety three	Tonne	3516
4	Back filling behind the retaining wall , wing wall, return walls complete as per drawing and techinical specification Clause 1204.3.8 with in leads and lifts complete in all respacts and asp er direction of Engineer- in-Chief.	14.25	792.00	Seven hundred ninety two	Cubic metre	11286
					Total	**499550**

DRCIT approved for Rs 4,99,550/- only

Assistant Engineer
N.H. Sub Division
H.P.P.W.D. CHAMBA

Executive Engineer
NH Division
HPPWD Chamba

Schedule of Quantity

NName of work : A/R & M/O on Chakki Banikhet Chamba Bharmour road Km. 106/0 to 172/0
Sub Head:- Installation of delineator in km 106/0 to 130/0.

Supply.

Estimated cost:- 487500/-
Earnest Money:- 9800/-
Time:- Three month

Sr. No.	Description of item	Qty.	Rate	Unit	Amount
1	2	3		6	7
1	Dual directional delineator made out of 18 gauge MS rectangular pipe of size 25 x 68 mm and of length 600 mm. Pipe powder coated head made out of impact resistant plastic rectangular moulded with flat face provided with high intensity prismatic reflector of colour yellow of size 100 x 125 mm with additional 2 reflective strips of 25 mm wide.	390.00	1250.00	Nos	487500.00
				TOTAL=	487500.00

DNIT approved for Rs 4,87,500/- only.

Assistant Engineer
N.H. Sub Division
H.P.P.W.D. CHAMBA

Executive Engineer
NH Division
HPPWD Chamba