



**HIMACHAL PRADESH  
PUBLIC WORKS DEPARTMENT**

Telephone No:-01782-240075  
e-mail:-ee-kum-hp@nic.in

No. PW-KMS-AB-NIT/2023-24-

8497-99

Dated: - 01/11/2023

To

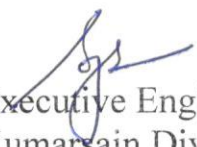
✓ The Executive Engineer (IT Cell),  
HP, PWD, Shimla-2

Subject: -

**Publication of Tender Notice**

Enclosed please find herewith the tender of works as 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)1/2020 dated 16.07.2021 as the works mentioned in the tender notice are urgent in nature and public instrest.

**Encl: - Notice Inviting tender &  
Schedule of Quantity and certificate.**

  
Executive Engineer,  
Kumarsain Division,  
HPPWD Kumarsain

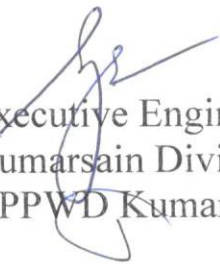
Copy to the Supertntending Engineer, 11th Circle,  
HP.PWD., Rampur Bsr. for information please.

Copy to Drawing Branch in this office.

✓  
Executive Engineer,  
Kumarsain Division,  
HPPWD Kumarsain

## CERTIFICATE

CERTIFIED THAT THE TENDERS OF WORKS, AS  
CALLED VIDE THIS OFFICE LETTER NO. PW-KMS-AB-NIT/ 2023-24-  
8437-96 DATED 31-10-2023 ARE URGENT NATURE AND  
PUBLIC INTEREST.



Executive Engineer,  
Kumarsain Division,  
HPPWD Kumarsain

**HIMACHAL PRADESH  
PUBLIC WORKS DEPARTMENT**

**"SHORT TERM NOTICE INVITING TENDER"**

Sealed item/percentage rate tenders are hereby invited by the Executive Engineer, Kumarsain Division, and HP.PWD. Kumarsain from the experienced contractors enlisted with PWD for B&R works, so as to reach in this office on or before **10.11.2023** up to **3:00 PM** and will be opened on same day at **3:30 PM**. in the presence of intending contractors or their authorized representatives who may wish to be present.

The application for issue of tender form shall be received on **09.11.2023** up to **5.00 PM**. The tender form can be had from his office against cash payment (Non-refundable) on **10.11.2023** upto **1.00 P.M.**

The earnest money in the shape of National saving certificate/Time deposit receipt of any recognized Bank in H.P. duly pledged in the name of XEN must accompany with each application for obtaining the tender form. The Executive Engineer reserves the right to reject the tenders without assigning any reasons.

1. **Name of work:** - R/O R/D Oddi Khaneti Kotgarh road Km.0/000 to 21/000 (SH:-C/O PCC R/Wall at Rd.18/100 to 18/115). Estimated Cost:-2,47,034/- Earnest Money: 5000/- Time allowed: -One Month.
2. **Name of work:** - R/O R/D on link road to village Mailan Km.0/000 to 1/600 (SH:-C/O PCC R/Wall at Rd.1/260 to 1/280). Estimated Cost:-4,71,330/- Earnest Money: 9450/- Time allowed: -One Month.
3. **Name of work:** - R/O R/D Thandhar Bhutti Banot Nallah road Km.0/000 to 9/375 (SH:-C/O PCC R/Wall at Rd.8/890 to 8/905). Estimated Cost:-4,25,825/- Earnest Money: 8550/- Time allowed: -One Month.
4. **Name of work:** - R/O R/D Churath Nallah to Lower Khaltudhar road Km.0/000 to 0/600 (SH:-C/O PCC R/Wall at Rd.0/145 to 0/160). Estimated Cost:-3,46,852/- Earnest Money: 7000/- Time allowed: -One Month.
5. **Name of work:** - R/O R/D Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000 (SH:-C/O PCC R/Wall at Rd.10/500 to 10/513). Estimated Cost:-4,26,099/- Earnest Money: 8550/- Time allowed: -One Month.
6. **Name of work:** - R/O R/D Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000 (SH:-C/O PCC R/Wall at Rd.5/000 to 5/010). Estimated Cost:-3,98,663/- Earnest Money: 8000/- Time allowed: -One Month.
7. **Name of work:** - R/O R/D Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000 (SH:-C/O PCC R/Wall at Rd.5/011 to 5/021). Estimated Cost:-3,97,187/- Earnest Money: 8000/- Time allowed: -One Month.
8. **Name of work:** - R/O R/D Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000 (SH:-C/O PCC R/Wall at Rd.10/513 to 10/525). Estimated Cost:-3,91,118/- Earnest Money: 7850/- Time allowed: -One Month.
9. **Name of work:** - R/O R/D Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000 (SH:-C/O PCC R/Wall at Rd.1/135 to 1/147). Estimated Cost:-4,28,124/- Earnest Money: 8600/- Time allowed: -One Month.
10. **Name of work:** - R/O R/D Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000 (SH:-C/O PCC R/Wall at Rd.1/148 to 1/160). Estimated Cost:-4,13,044/- Earnest Money: 8500/- Time allowed: -One Month.



11. **Name of work:-** R/O R/D Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000 (SH:-C/O PCC R/Wall at Rd.1/161 to 1/173). Estimated Cost:-4,32,604/- Earnest Money: 8700/- Time allowed: -One Month.
12. **Name of work:-** R/O R/D Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000 (SH:-C/O PCC R/Wall at Rd.2/105 to 2/112). Estimated Cost:-4,23,753/- Earnest Money: 8500/- Time allowed: -One Month.
13. **Name of work:-** R/O R/D Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000 (SH:-C/O PCC R/Wall at Rd.2/113 to 2/120). Estimated Cost:-4,23,595/- Earnest Money: 8500/- Time allowed: -One Month.
14. **Name of work:-** R/O R/D Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000 (SH:-C/O PCC R/Wall at Rd.2/121 to 2/128). Estimated Cost:-4,01,807/- Earnest Money: 8500/- Time allowed: -One Month.
15. **Name of work:-** R/O R/D Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000 (SH:-C/O PCC R/Wall at Rd.18/842 to 18/849). Estimated Cost:-4,18,301/- Earnest Money: 8500/- Time allowed: -One Month.
16. **Name of work:-** R/O R/D Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000 (SH:-C/O PCC R/Wall at Rd.18/850 TO 18/857). Estimated Cost:-4,19,681/- Earnest Money: 8,500/- Time allowed: -One Month.
17. **Name of work:-** R/O R/D Oddi Kingal road Km.0/000 to 21/405 (SH:-C/O PCC R/Wall at Rd.20/920 to 20/930). Estimated Cost:-2,02,579/- Earnest Money: 4100/- Time allowed: -One Month.
18. **Name of work:-** R/O R/D Oddi Khaneti Kotgarh road Km.0/000 to 21/000 (SH:-C/O PCC B/Wall at Rd.5/558 to 5/572). Estimated Cost:-1,71,130/- Earnest Money: 3450/- Time allowed: -One Month.
19. **Name of work:-** R/O R/D Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000 (SH:-C/O PCC R/Wall at Rd.6/467 to 6/483). Estimated Cost:-4,53,327/- Earnest Money: 9100/- Time allowed: -One Month.
20. **Name of work:-** R/O R/D Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000 (SH:-C/O PCC R/Wall at Rd.9/785 to 9/797). Estimated Cost:-3,24,019/- Earnest Money: 6500/- Time allowed: -One Month.
21. **Name of work:-** C/O road from Dalan to Nanja Km.0/000 to 4/015 (SH:-C/O PCC B/Wall at Rd.0/390 to 0/410). Estimated Cost:-2,34,025/- Earnest Money: 4700/- Time allowed: -One Month.
22. **Name of work:-** C/O road from Dalan to Bhanana Km.0/000 to 2/240 (SH:-C/O PCC B/Wall at Rd.1/000 to 1/017) Estimated Cost:-2,37,748/- Earnest Money: 4800/- Time allowed: -One Month.
23. **Name of work:-** R/O R/D on Phreridhar to Dharelu village road Km.0/000 to 1/000 (SH:-C/O PCC R/Wall at Rd.0/240 to 0/246 & 0/250 to 0/261) Estimated Cost:-2,36,698/- Earnest Money: 4750/- Time allowed: -One Month.
24. **Name of work:-** R/O R/D on Oddi Khaneti Kotgarh road Km.0/000 to 21/000 (SH:-C/O PCC R/Wall at Rd.10/495 to 10/505) Estimated Cost:-4,55,670/- Earnest Money: 9150/- Time allowed: -One Month.
25. **Name of work:-** R/O R/D on Oddi Khaneti Kotgarh road Km.0/000 to 21/000 (SH:-C/O PCC R/Wall at Rd.10/506 to 10/513) Estimated Cost:-4,37,438/- Earnest Money: 8800/- Time allowed: -One Month.
26. **Name of work:-** R/O R/D on Oddi Khaneti Kotgarh road Km.0/000 to 21/000 (SH:-C/O PCC R/Wall at Rd.10/514 to 10/534) Estimated Cost:-4,93,000/- Earnest Money: 9900/- Time allowed: -One Month.
27. **Name of work:-** A/R & M/O on Pharbuna to Pauchi road Km.0/000 to 3/900 (SH:-P/L correction layer and repair of pot holes in Km.0/000 to 1/500) Estimated Cost:-4,99,405/- Earnest Money: 10000/- Time allowed: One Month.



28. **Name of work:-** A/R & M/O on Pharbuna to Pauchi road Km.0/000 to 3/900 (SH:-P/L correction layer and repair of pot holes in Km.1/500 to 3/900) Estimated Cost:-4,99,788/- Earnest Money: 10000/- Time allowed: One Month.
29. **Name of work:-** R/O R/D on Civil Hospital Kotgarh (SH:-C/O PCC R/Wall in front of Hospital Building length 20 mtrs). Estimated Cost:-4,93,260/- Earnest Money: 9900/- Time allowed: One Month.

**Terms and conditions:-**

1. The contractors shall produce their latest registration/renewal of their registration/GST No/EPF No./ PAN No. along with their application.
2. The single/conditional tender will be rejected.
3. The offer shall remain valid up to 75 days.
4. The amount should be within the 5% above.
4. The work should be started within two days from the opening of tender.

Executive Engineer,  
Kumarsain Division  
HP.PWD, Kumarsain

No. PW-KMS-AB-NIT/2023-24-

8637-96

Dated:- 31/10/2023

- Copy to the Engineer-in-Chief, HP.PWD., Shimla-2.  
Copy to the Deputy Commissioner Shimla, District Shimla (H.P.)  
Copy to the Sub-Divisional Officer © Kumarsain, Distt. Shimla (H.P.)  
Copy to the Superintending Engineer, XIth Circle, HP.PWD., Rampur.  
Copy to Block Development office, Narkanda Distt. Shimla, (H.P.)  
Copy to all Assistant Engineers under this Division for information & n.a.  
Copy to various contractors for information.  
Copy to Notice Board of this office.

Executive Engineer,  
Kumarsain Division,  
HP.PWD. Kumarsain

## SCHEDULE OF QUANTITY


Estimated cost:-Rs.247034/-

Earnest money:-Rs.5000/-

Time allowed:-One month.

Name of work:-Restoration of rain damaged on Oddi Khaneti Kotgarh road Km . 0/000 to 21/000 (SH:-Construction of P.C.C Retaining wall at 18/100 to 18/115).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	15.60 m3			Per cubic metre.	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	49.87 m3			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614.709.1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	12.00 Nos			Each.	
4	Back filling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 Granular material including entire carriage of materials in all leads and lifts.	6.30 m3			Per cubic metre.	
Total:-						

  
Executive Engineer,  
Kumarsain Division,  
HP.PWD., Kumarsain.

### SCHEDULE OF QUANTITY

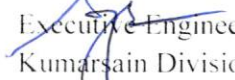
Estimated cost:-Rs.471330/-

Earnest money:-Rs.9450/-

Time allowed:-One month.

~~Name of work:- Restoration of rain damages on link road to village Mailan Km.0/000 to 1/600~~ (SH:-Construction of P.C.C Retaining wall at RD.1/260 to 1/280).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	30.00 m <sup>3</sup>			Per cubic metre.	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	94.50 m <sup>3</sup>			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	36 Nos			Each.	
4	Back filling behind abutment, retaining wall/breast wall including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	12.00 Cum			Per cubic metre.	
	<b>Total:-</b>					

  
Executive Engineer,  
Kumarsain Division,  
HP.PWD., Kumarsain.



## SCHEDULE OF QUANTITY

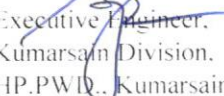
Estimated cost:-Rs.425825/-

Earnest money:-Rs.8550/-

Time allowed:-One month.

~~Name of work:-Restoration of rain damages on Thandhar Bhutti Banot Nallah road Km.0/000 to 9/375 (SH-2) Construction of P.C.C. Retaining wall at RD.8/890 to 8/905).~~

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	18.00 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	23.10 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	82.50 m <sup>3</sup>			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614.709.1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	52 Nos			Each.	
5	Back filling behind abutment, retaining wall/breast wall including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	18.00 Cum			Per cubic metre.	
	<b>Total:-</b>					

  
Executive Engineer,  
Kumarsain Division,  
HP.PWD., Kumarsain.

### SCHEDULE OF QUANTITY


Estimated cost:-Rs.346852/-

Earnest money:-Rs.7000/-

Time allowed:-One month.

~~Name of work:-Construction of link road Churath Nallah to Lower Khaltudhar Km.0/000 to 0/600 (SH:-Construction of P.C.C Retaining wall at RD.0/145 to 0/160).~~

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	19.95 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	19.65 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	69.45 m <sup>3</sup>			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614.709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	24 Nos			Each.	
5	Back filling behind abutment, retaining wall/breast wall including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	6.75 Cum			Per cubic metre.	
	<b>Total:-</b>					

  
Executive Engineer,  
Kumarsain Division,  
HP.PWD., Kumarsain.

# SCHEDULE OF QUANTITY


Estimated cost:-Rs.426099/-

Earnest money:-Rs.8550/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Narkanda-Thanedhar Kotgarh Bithal road Km.0/000 to 44/000 (SH:-Construction of P.C.C. Retaining wall at RD.10/500 to 10/513).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	17.68 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	21.06 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying cement concrete 1:4:8 (1 cement : 4 sand : 8 graded crushed stone aggregate 40mm nominal size) for plain/reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 & 1203 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	26.16 m <sup>3</sup>			Per cubic metre.	
4	Providing and laying concrete for plain reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	56.81 m <sup>3</sup>			Per cubic metre.	
5	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204,3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	30 Nos			Each.	
6	Back filling behind abutment, retaining wall/breast wall including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	16.38 Cum			Per cubic metre.	
Total:-						

  
Executive Engineer,  
Kumarsain Division,  
HP PWD., Kumarsain.



# SCHEDULE OF QUANTITY


Estimated cost:-Rs.398663/-

Earnest money:-Rs.8000/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000 (SH:-Construction of P.C.C. Retaining wall at RD.5/000 to 5/010).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	16.15 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	19.35 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying cement concrete 1:4:8 (1 cement : 4 sand : 8 graded crushed stone aggregate 40mm nominal size) for plain/reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 & 1203 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	20.12 m <sup>3</sup>			Per cubic metre.	
4	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	57.60 m <sup>3</sup>			Per cubic metre.	
5	Providing weapholes in brick masonry/stone masonry plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614.709.1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	32 Nos			Each.	
6	Back filling behind abutment, retaining wall/breast wall including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	15.00 Cum			Per cubic metre.	
Total:-						

  
Executive Engineer,  
Kumarsain Division,  
HP.PWD., Kumarsain.

# SCHEDULE OF QUANTITY

Estimated cost:-Rs.397187/-

Earnest money:-Rs.8000/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000 (SH:-Construction of P.C.C. Retaining wall at RD.5/011 to 5/021).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	19.95 m3			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	17.55 m3			Per cubic metre.	
3	Providing and laying cement concrete 1:4:8 (1 cement : 4 sand : 8 graded crushed stone aggregate 40mm nominal size) for plain/reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 & 1203 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	20.12 m3			Per cubic metre.	
4	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	57.60 m3			Per cubic metre.	
5	Providing weapholes in brick masonry/stone masonry plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	32 Nos			Each.	
6	Back filling behind abutment, retaining wall breast wall including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	13.20 Cum			Per cubic metre.	
Total:-						

Executive Engineer,  
Kumarsain Division,  
HP.PWD., Kumarsain.



### SCHEDULE OF QUANTITY


Estimated cost:-Rs.391118/-

Earnest money:-Rs.7850/-

Time allowed:-One month.

Name of work:- Restoration of rain damages on Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000 (SH:- Construction of P.C.C. Retaining wall at RD.10/513 to 10/525).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	23.46 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	18.36 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying cement concrete 1:4:8 (1 cement : 4 sand : 8 graded crushed stone aggregate 40mm nominal size) for plain/reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 & 1203 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	24.15 m <sup>3</sup>			Per cubic metre.	
4	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	52.44 m <sup>3</sup>			Per cubic metre.	
5	Providing weapholes in brick masonry/stone masonry plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204,3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	30 Nos			Each.	
6	Back filling behind abutment, retaining wall breast wall including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	11.16 Cum			Per cubic metre.	
Total:-						

  
Executive Engineer,  
Kumarsain Division,  
HP.PWD., Kumarsain.



### SCHEDULE OF QUANTITY


Estimated cost:-Rs.428124/-

Earnest money:-Rs.8600/-

Time allowed:-One month.

Name of work:-Restoration of rain damaged on Narkanda Thanedhar Kotgarh Bithal road Km . 0/000 to 44/000 ( SH:- Construction of PCC Retaining wall between Rd, 01/135 to 01/147 )

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	22.08 m3			Per cubic metre.	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	87.04 m3			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	32.00 Nos			Each.	
4	Back filling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 Granular material including entire carriage of materials in all leads and lifts.	6.48 m3			Per cubic metre.	
	<b>Total:-</b>					

  
Executive Engineer,  
Kumarsain Division,  
HP.PWD., Kumarsain.

## SCHEDULE OF QUANTITY


Estimated cost:-Rs.413044/-

~~Earnest money:-Rs.8500/-~~

Time allowed:-One month.

Name of work:-Restoration of rain damaged on Narkanda Thanedhar Kotgarh Bithal road Km . 0/000 to 44/000 ( SH:- Construction of PCC Retaining wall between Rd. 01/148 to 01/160 )

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	14.40 m <sup>3</sup>			Per cubic metre.	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	84.24 m <sup>3</sup>			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	32.00 Nos			Each.	
4	Back filling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 Granular material including entire carriage of materials in all leads and lifts.	6.48 m <sup>3</sup>			Per cubic metre.	
<b>Total:-</b>						

  
 Executive Engineer,  
 Kumarsain Division,  
 H.P.W.D., Kumarsain.

## SCHEDULE OF QUANTITY

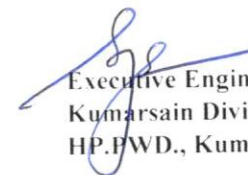
Estimated cost:-Rs.432604/-

Earnest money:-Rs.8700/-

Time allowed:-One month.

**Name of work:-Restoration of rain damaged on Narkanda Thanedhar Kotgarh Bithal road Km . 0/000 to 44/000 ( SH:- Construction of PCC Retaining wall between Rd, 01/161 to 01/173 )**

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	24.96 m <sup>3</sup>			Per cubic metre.	
2	Providing and laying concrete for plain reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	87.84 m <sup>3</sup>			Per cubic metre.	
3	Providing weapholes in brick masonry stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	32.00 Nos			Each.	
4	Back filling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 Granular material including entire carriage of materials in all leads and lifts.	6.48 m <sup>3</sup>			Per cubic metre.	
<b>Total:-</b>						

  
Executive Engineer,  
Kumarsain Division,  
HP.PWD., Kumarsain.



## SCHEDULE OF QUANTITY


Estimated cost:-Rs.423753/-

Earnest money:-Rs.8500/-

Time allowed:-One month.

Name of work:-Restoration of rain damaged on Narkanda Thanedhar Kotgarh Bithal road Km . 0/000 to 44/000 ( SH:- Construction of PCC Retaining wall between Rd, 02/105 to 02/112 )

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	19.53 m3			Per cubic metre.	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	86.20 m3			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614.709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	25.00 Nos			Each.	
4	Back filling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 Granular material including entire carriage of materials in all leads and lifts.	8.40 m3			Per cubic metre.	
	<b>Total:-</b>					

  
Executive Engineer,  
Kumarsain Division,  
HP.PWD., Kumarsain.

## SCHEDULE OF QUANTITY

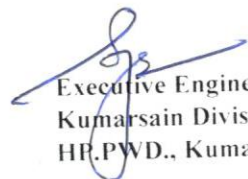
Estimated cost:-Rs.423595/-

Earnest money:-Rs.8500/-

Time allowed:-One month.

**Name of work:-Restoration of rain damaged on Narkanda Thanedhar Kotgarh Bithal road Km . 0/000 to 44/000 ( SH:- Construction of PCC Retaining wall between Rd, 02/113 to 02/120 )**

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	18.90 m <sup>3</sup>			Per cubic metre.	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802. 803. 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	86.20 m <sup>3</sup>			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204,3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	25.00 Nos			Each.	
4	Back filling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 Granular material including entire carriage of materials in all leads and lifts.	8.40 m <sup>3</sup>			Per cubic metre.	
<b>Total:-</b>						

  
 Executive Engineer.  
 Kumarsain Division.  
 H.R.PWD., Kumarsain.

## SCHEDULE OF QUANTITY

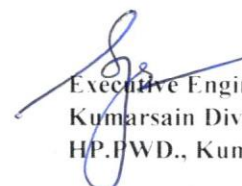
Estimated cost:-Rs.401807/-

Earnest money:-Rs.8500/-

Time allowed:-One month.

**Name of work:-Restoration of rain damaged on Narkanda Thanedhar Kotgarh Bithal road Km . 0/000 to 44/000 ( SH:- Construction of PCC Retaining wall between Rd, 02/121 to 02/128 )**

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	17.85 m3			Per cubic metre.	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	81.62 m3			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614.709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	25.00 Nos			Each.	
4	Back filling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 Granular material including entire carriage of materials in all leads and lifts.	8.40 m3			Per cubic metre.	
<b>Total:-</b>						

  
Executive Engineer,  
Kumarsain Division,  
HP.PWD., Kumarsain.



## SCHEDULE OF QUANTITY

Estimated cost:-Rs.418301/-

Earnest money:-Rs.8500/-

Time allowed:-One month.

**Name of work:-Restoration of rain damaged on Narkanda Thanedhar Kotgarh Bithal road Km . 0/000 to 44/000 ( SH:- Construction of PCC Retaining wall between Rd, 18/842 to 18/849 )**

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	22.68 m <sup>3</sup>			Per cubic metre.	
2	Providing and laying concrete for plain/reinforced concrete in open foundation complete as per drawing and technical specification clauses 802.803.1202 and 1203 P.C.C. nominal mix 1:4:8 (25mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	84.84 m <sup>3</sup>			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614.709.1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	30.00 Nos			Each.	
4	Back filling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 Granular material including entire carriage of materials in all leads and lifts.	7.35 m <sup>3</sup>			Per cubic metre.	
<b>Total:-</b>						

  
Executive Engineer,  
Kumarsain Division,  
HP.PWD., Kumarsain.

## SCHEDULE OF QUANTITY

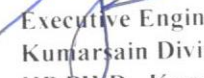
Estimated cost:-Rs.419681/-

Earnest money:-Rs.8500/-

Time allowed:-One month.

Name of work:-Restoration of rain damaged on Narkanda Thanedhar Kotgarh Bithal road Km . 0/000 to 44/000 ( SH:- Construction of PCC Retaining wall between Rd, 18/850 to 18/857 )

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	22.68 m <sup>3</sup>			Per cubic metre.	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	84.84 m <sup>3</sup>			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614.709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	36.00 Nos			Each.	
4	Back filling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 Granular material including entire carriage of materials in all leads and lifts.	7.35 m <sup>3</sup>			Per cubic metre.	
Total:-						

  
Executive Engineer,  
Kumarsain Division,  
HP.PWD., Kumarsain.

## SCHEDULE OF QUANTITY


Estimated cost:-Rs.202579/-

Earnest money:-Rs.4100/-

Time allowed:-One month.

~~Name of work: Restoration of rain damages on Oddi Kingat road Km 0/000 to 21/405 (SI:- Construction of P.C.C Retaining wall at RD.20/920 to 20/930).~~

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	15.30 m3			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	8.50 m3			Per cubic metre.	
3	Providing and laying concrete for plain reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	39.70 m3			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614.709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	26 Nos			Each.	
5	Back filling behind abutment, retaining wall/breast wall including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	5.40 Cum			Per cubic metre.	
Total:-						

  
Executive Engineer.  
Kumarsain Division.  
HP.PWD., Kumarsain.



## SCHEDULE OF QUANTITY


Estimated cost:-Rs.171130/-

Earnest money:-Rs.3450/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Oddi Khaneti Kotgarh road Km.0/000 to 21/000 (SH:-Construction of P.C.C. Breast wall at RD.5/558 to 5/572).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	23.91 m3			Per cubic metre.	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	34.16 m3			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614.709.1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	20 Nos			Each.	
	<b>Total:-</b>					

  
Executive Engineer,  
Kumarsain Division,  
HP.PWD., Kumarsain.

## SCHEDULE OF QUANTITY


Estimated cost:-Rs.453327/-

Earnest money:-Rs.9100/-

Time allowed:-One month.

~~Name of work:- Restoration of rain damages on Narkanda Thaneedhar Kotgarh Bithal road Km 0/000 to 44/000 (SH:- Construction of P.C.C. Retaining wall at RD.6/467 to 6/483).~~

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	13.44 m3			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	23.04 m3			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	88.00 m3			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204,3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	42 Nos			Each.	
5	Back filling behind abutment, retaining wall/breast wall including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	23.04 Cum			Per cubic metre.	
Total:-						

  
Executive Engineer,  
Kumarsain Division,  
HP.PWD., Kumarsain.

# SCHEDULE OF QUANTITY

Estimated cost:-Rs.324019/-

Earnest money:-Rs.6500/-

Time allowed:-One month.

~~Name of work:- Restoration of rain damages on Narkanda Thaneedhar Kotgarh Bithal road Km.0/000 to 44/000 (SH:- Construction of P.C.C. Retaining wall at RD.9/785 to 9/797).~~

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	12.24 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	15.24 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	62.70 m <sup>3</sup>			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614.709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	30 Nos			Each.	
5	Back filling behind abutment, retaining wall/breast wall including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	17.28 Cum			Per cubic metre.	
Total:-						

  
Executive Engineer.  
Kumarsain Division.  
HP.PWD., Kumarsain.



## SCHEDULE OF QUANTITY

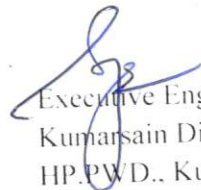
Estimated cost:-Rs.234025/-

Earnest money:-Rs.4700/-

Time allowed:-One month.

Name of work:- ~~Construction of road from Dulan to Nanja Kun 0/000 to 4/015(SH)~~ Construction of P.C.C. Breast wall at RD.0/390 to 0/410)

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	24.70 m <sup>3</sup>			Per cubic metre.	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	47.50 m <sup>3</sup>			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614.709.1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	20 Nos			Each.	
Total:-						

  
Executive Engineer,  
Kumarsain Division,  
HP.PWD., Kumarsain.

### SCHEDULE OF QUANTITY


Estimated cost:-Rs.237748/-

Earnest money:-Rs.4800/-

Time allowed:-One month.

~~Name of work:- Construction of road from Dulan to Bharana Km.0/000 to 2/240(SH:- Construction of P.C.C. Breast wall at RD.1/000 to 1/017).~~

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	25.41 m <sup>3</sup>			Per cubic metre.	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	48.45 m <sup>3</sup>			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614.709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	16 Nos			Each.	
Total:-						

  
Executive Engineer,  
Kumarsain Division,  
HP.PWD., Kumarsain.

### SCHEDULE OF QUANTITY

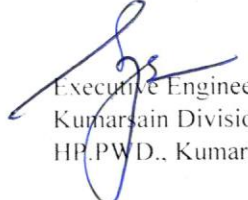
Estimated cost:-Rs.236698/-

Earnest money:-Rs.4750/-

Time allowed:-One month.

~~Name of work: Restoration of rain damages on Pharedhar to via Dharlu village road Km 0/000 to 1/000 (SH- Construction of P.C.C. Retaining wall at~~  
RD. 0/240 to 0/246 & 0/250 to 0/261).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	10.19 m3			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	13.72 m3			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	45.65 m3			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614.709.1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	32 Nos			Each.	
5	Back filling behind abutment, retaining wall/breast wall including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	10.02 Cum			Per cubic metre.	
Total:-						

  
Executive Engineer,  
Kumarsain Division,  
HP.PWD., Kumarsain.



### SCHEDULE OF QUANTITY


Estimated cost:-Rs.455670/-

Earnest money:-Rs.9150/-

Time allowed:-One month.

Name of work: Restoration of rain damages on Oddi Khaner Kotgarh road Km 0/000 to 21/000 (SI:- Construction of P.C.C. Retaining wall at RD.10/495 to 10/505).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	25.50 m3			Per cubic metre.	
2	Providing and laying cement concrete 1:4:8 (1 cement : 4 sand : 8 graded crushed stone aggregate 40mm nominal size) for plain/reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 & 1203 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	87.90 m3			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614.709.1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	24 Nos			Each.	
4	Back filling behind abutment, retaining wall/breast wall including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	4.50 Cum			Per cubic metre.	
Total:-						

  
Executive Engineer,  
Kumarsain Division,  
HP.P.W.D., Kumarsain.

### SCHEDULE OF QUANTITY


Estimated cost:-Rs.437438/-

Earnest money:-Rs.8800/-

Time allowed:-One month.

Name of work: Restoration of rain damages on Oddi Khanchi Kotgarh road Km.0/000 to 21/000 (SH-1) Construction of P.C.C. Retaining wall at RD.10/506 to 10/513).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	18.90 m <sup>3</sup>			Per cubic metre.	
2	Providing and laying cement concrete 1:4:8 (1 cement : 4 sand : 8 graded crushed stone aggregate 40mm nominal size) for plain/reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 & 1203 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	84.84 m <sup>3</sup>			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	24 Nos			Each.	
4	Back filling behind abutment, retaining wall/breast wall including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	3.15 Cum			Per cubic metre.	
Total:-						

  
Executive Engineer,  
Kumarsain Division,  
HP.PWD., Kumarsain.



### SCHEDULE OF QUANTITY

Estimated cost:-Rs.493900/-

Earnest money:-Rs.9900/-

Time allowed:-One month.

Name of work: Restoration of rain damages on Oddi Khanchi Kofgarh road Km:0/000 to 24/000 (SH: Construction of P.C.C. Retaining wall at RD.10/514 to 10/534).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	33.00 m3			Per cubic metre.	
2	Providing and laying cement concrete 1:4:8 (1 cement : 4 sand : 8 graded crushed stone aggregate 40mm nominal size) for plain/reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 & 1203 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	94.50 m3			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	20 Nos			Each.	
4	Back filling behind abutment, retaining wall/breast wall including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	9.00 Cum			Per cubic metre.	
Total:-						

  
Executive Engineer,  
Kumarsain Division,  
HP PWD., Kumarsain.



## SCHEDULE OF QUANTITY

Estimated cost:-Rs.499405/-


Earnest money:-Rs.10000/-

Time allowed:-One month.

Name of work:- A/R & M/D on Pharwana to Panchi road Km 0/000 to 3/900 (SI:- Providing and laying correction layer and repair of pot holes in Km.0/000 to 1/500).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	WBM Grading 3:-Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 KN in stages to proper grade and camber, applying and brooming, stone screening to fill up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical specification clause 405 By manual means(Pot hole) including entire carriage of materials in all leads and lifts.	50.57 m3			Per cubic metre.	
2	Providing and applying primer coat with Bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70 -1.00 Kg/Sqm. using mechanical means as per Technical Specification Clause 502 with in all leads & lifts complete as per directions of the Engineer-in-Charge.	674.21 m2			Per square metre.	
3	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20mm thick premix carpet and seal coat type B specification Clause 1904.2.503 and 508.1 including entire carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge.	1672.79 m2			Per square metre.	
<b>Total:-</b>						

Note :-Bitumen VG-10 & emulsion (SS-1) will be supplied by department free of cost.

  
 Executive Engineer,  
 Kumarsain Division,  
 HP.PWD., Kumarsain.

### SCHEDULE OF QUANTITY

Estimated cost:-Rs.499788/-


Earnest money:-Rs.10000/-

Time allowed:-One month.

Name of work: A/R & M/O on Pharbora to Pauchi road Km 0/000 to 3/900(SH:- Providing and laying correction layer and repair of pot holes in Km.1/500 to 3/900).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	WBM Grading 3:-Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 KN in stages to proper grade and camber, applying and brooming, stone screening to fill up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical specification clause 405 By manual means(Pot hole) including entire carriage of materials in all leads and lifts.	38.37 m3			Per cubic metre.	
2	Providing and applying primer coat with Bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70 -1.00 Kg/Sqm. using mechanical means as per Technical Specification Clause 502 with in all leads & lifts complete as per directions of the Engineer-in-Charge.	511.61 m2			Per square metre.	
3	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20mm thick premix carpet and seal coat type B specification Clause 1904.2.503 and 508.1 including entire carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge.	1842.18 m2			Per square metre.	
	<b>Total:-</b>					

Note :-Bitumen VG-10 & emulsion (SS-1) will be supplied by department free of cost.

  
Executive Engineer,  
Kumarsain Division,  
HP.PWD., Kumarsain.

## SCHEDULE OF QUANTITY


Estimated cost:-Rs.493260/-

Earnest money:-Rs.9900/-

Time allowed:-One month.

**Name of work:-Restoration of rain damaged on Civil Hospital Kotgarh ( SH:- Construction of PCC Retaining wall in front of Hospital Building .length 20 meters )**

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	28.00 m <sup>3</sup>			Per cubic metre.	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	100.00 m <sup>3</sup>			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614.709.1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	36.00 Nos			Each.	
4	Back filling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 Granular material including entire carriage of materials in all leads and lifts.	8.40 m <sup>3</sup>			Per cubic metre.	
	<b>Total:-</b>					

  
 Executive Engineer,  
 Kumarsain Division,  
 HP.PWD., Kumarsain.