



**HIMACHAL PRADESH  
PUBLIC WORKS DEPARTMENT**

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

No. PW-KMS-AB-NIT/2024-25- 3193-95

Dated: -09.08/24

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 interest.

Encl: - Notice Inviting tender &

Schedule of Quantity and certificate.

Subject: -

Publication of Tender Notice

Executive Engineer,  
Kumarsain Division,  
HPPWD Kumarsain

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

Copy to Drawing Branch in this office.

Encl: - Notice Inviting tender &


Schedule of Quantity and certificate.

Executive Engineer,  
Kumarsain Division,  
HPPWD Kumarsain

## CERTIFICATE

CERTIFIED THAT THE TENDERS OF WORKS, AS  
CALLED VIDE THIS OFFICE LETTER NO. PW-KMS-AB-NIT/ 2024-  
25 3442-92 DATED 05.01.24 ARE URGENT NATURE AND  
PUBLIC INTEREST.

CERTIFICATE

  
Executive Engineer,  
Kumarsain Division,  
HPPWD Kumarsain

CERTIFIED THAT THE TENDERS OF WORKS, AS  
CALLED VIDE THIS OFFICE LETTER NO. PW-KMS-AB-NIT/ 2024-  
25 \_\_\_\_\_ DATED \_\_\_\_\_ ARE URGENT NATURE AND  
PUBLIC INTEREST.

Executive Engineer,  
Kumarsain Division,  
HPPWD Kumarsain

**HIMACHAL PRADESH  
PUBLIC WORKS DEPARTMENT**

**"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 **19.08.2024** 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 **17.08.2024** up to **4.00 PM**. The tender form can be had from his office against cash payment (Non-refundable) on **19.08.2024** upto **1.00 PM**.

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:** -C/O link road from Sarkalti to Karalti G.P. Madhawani Km.0/000 to 1/300(SH:- Formation Cutting 5/7 mtr wide road in Km.0/000 to 0/210 & C/O PCC R/Wall at Rd.0/000 to 0/012). Estimated Cost:- 4,98,507/- Earnest Money: 10000/- Time allowed: -One Month.
2. **Name of work:** -Improvement of Geometrics on link road from Khaneri to Balgar Km.0/000 to 1/345 (SH:- C/O PCC R/Wall at Rd.0/275 to 0/285 & 0/800 to 0/810). Estimated Cost:-4,71,001/- Earnest Money: 9500/- Time allowed: -One Month.
3. **Name of work:** -C/O link road from Thachru to Reshwa Banka Jubber Km.0/000 to 1/345 (SH:-C/O PCC Edge Wall at Rd.0/125 to 0/140 & PCC R/Wall at Rd.0/225 to 0/242). Estimated Cost:-4,64,255/- Earnest Money: 9300/- Time allowed: -One Month.
4. **Name of work:** -R/O R/D on link road from Upper Jabli to Lower Jabli Km.0/000 to 1/000(SH:-C/O PCC Toe Wall at Rd.0/060 to 0/076.50). Estimated Cost:-3,49,737/- Earnest Money: 7000/- Time allowed: -One Month.
5. **Name of work:** -C/O link road from Sodnu to Damahi Chajol Chamangna Km.0/000 to 1/890 (SH:-C/O PCC B/Wall at Rd.0/920 to 0/940). Estimated Cost:-2,68,758/- Earnest Money: 5400/- Time allowed: -One Month.
6. **Name of work:** -R/O R/D on various roads under Narkanda Section (SH:- Hiring of JCB for removal of slips at various Rds). Estimated Cost:-2,52,0000/- Earnest Money: 5000/- Time allowed: -One Month.
7. **Name of work:** -Preparation of DPR for C/O road from Talah Sanaogi Bhut Km.0/000 to 5/400(SH:- Preparation of DPR and CBR Tests (Under NABARD).Estimated Cost:-1,44,900/- Earnest Money: 2900/- Time allowed: One Month.
8. **Name of work:** - Preparation of DPR for C/O road from Dalan Bhanana Jheru Nallah Serthi Loshta to Dimri (HPPWD Kumarsain) Km.0/000 to 6/420 (SH:-Preparation of DPR and CBR Tests (Under NABARD).Estimated Cost:-1,68,360/- Earnest Money: 3400/- Time allowed: One Month.
9. **Name of work:** A/R & M/O on link road to Hattu Temple Km.0/000 to 6/000(SH:-Providing & Laying Correction Layer and Repair of Pot Holes in Km.3/000 to 4/500).Estimated Cost:-3,72,146/- Earnest Money: 7500/- Time allowed: One Month.




10. **Name of work:-** R/O R/D on Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000(Portion 5/000 to 17/000) (SH:-Removal of slips at various Rds).Estimated Cost:-3,14,026/- Earnest Money: 6300/- Time allowed: One Month.
11. **Name of work:-** R/O R/D on various roads under Kangal Section (SH:-Hiring of JCB for removal of slips at various Rds under Kangal Section).Estimated Cost:-4,80,000/- Earnest Money:-9600/- Time allowed: One Month.
12. **Name of work:-** Improvement of Kirti Bhanana road Km.0/000 to 1/500(SH:-C/O PCC B/Wall at Rd. 1/015 to 1/022). Estimated Cost:-4,17,674/- Earnest Money: 8400/- Time allowed: One Month.
13. **Name of work:-** C/O link road from Oddi to Upper Ghareothi Km.0/000 to 1/200(SH:- C/O PCC B/Wall at Rd.0/990 to 1/015).Estimated Cost:-4,11,810/- Earnest Money:-8300/- Time:- One Month.
14. **Name of work:-** C/O Bagadharta Churath Chebri Lohala road Km.0/000 to 4/875(SH:- C/O PCC B/Wall at Rd.2/870 to 2/900).Estimated Cost:-3,90,395/- Earnest Money:-7900/- Time:- One Month.
15. **Name of work:-** C/O Bagadharta Churath Chebri Lohala road Km.0/000 to 4/875(SH:- C/O 900mm dia Hume Pipe Culvert at Rd.0/155 & 1/590 including both side wing walls).Estimated Cost:-3,28,112/- Earnest Money:-6600/- Time:- One Month.
16. **Name of work:-** A/R & M/O on link road from Firnop Morh to Konthru Km.0/000 to 5/000(SH:-C/O PCC R/Wall at Rd.4/235 to 4/250). Estimated Cost:-3,22,205/- Earnest Money: 6500/- Time allowed: -One Month.
17. **Name of work:-** Improvement of road geometrics Oddi Bagain road Km.0/000 to 1/450 (SH:-C/O PCC R/Wall at Rd.1/133 to 1/147). Estimated Cost:-4,99,796/- Earnest Money: 10000/-Time allowed: -One Month.
18. **Name of work:-** Improvement of road on Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000(SH:-Improvement of curves in various Rds).Estimated Cost:-4,96,630/- Earnest Money: 10000/- Time allowed:-One Month.
19. **Name of work:-** C/O of road from Firebridge Dokhri Nallah to Rogha Kotgarh via Khober Nallah Km.0/000 to 2/000(SH:- C/O PCC R/Wall at Rd.1/140 to 1/146). Estimated Cost:-1,51,960/- Earnest Money:-3500/- Time allowed: -One Month.
20. **Name of work:-** C/O road from Changadhar to Mahouri Km.0/000 to 1/015 (SH:-C/O PCC R/Wall at Rd.0/420 to 0/435). Estimated Cost:-3,79,959/- Earnest Money: 8000/- Time allowed: -One Month.
21. **Name of work:-** R/O R/D on link road from Kholvi Kenchi to Bhadewag Km.0/000 to 2/500(SH:-C/O PCC R/Wall at Rd.1/182 to 1/190).Estimated Cost:-4,76,839/- Earnest Money: 9600/- Time allowed: -One Month.
22. **Name of work:-** C/O road from Chil More to Lubri via Lawan Km.0/000 to 11/565 (SH:-C/O 900mm dia Hume Pipe Culvert at Rd.0/255). Estimated Cost:-3,46,987/- Earnest Money: 7000/- Time allowed: -One Month.
23. **Name of work:-** R/O R/D on Oddi Khaneti Kotgarh road Km.0/000 to 21/000(SH:- C/O PCC R/Wall between Rd.17/680 to 17/686). Estimated Cost:-4,15,484/- Earnest Money: 8500/- Time allowed: -One Month.
24. **Name of work:-** Improvement of road from Upper Shathla to Lower Shathla Km.0/000 to 1/450 (SH:-C/O PCC R/Wall at Rd.0/860 to 0/879 & PCC B/Wall at Rd.0/850 to 0/852, 0/885 to 0/887.20).Estimated Cost:-2,35,383/- Earnest Money:-4800/- Time :- One month.
25. **Name of work:-** C/O link road from Old HT Koti to Kingal Km.0/000 to 2/500(SH:-C/O PCC R/Wall at Rd.0/315 to 0/325 & PCC B/Wall at Rd.0/675 to 0/690). Estimated Cost:-4,82,212/- Earnest Money: 9700/- Time allowed: -One Month.
26. **Name of work:-** C/O road from Chil More to Lubri via Lawan Km.0/000 to 11/565 (SH:-C/O 900mm dia Hume Pipe Culvert at Rd.0/255). Estimated Cost:-3,46,987/- Earnest Money: 7000/- Time allowed: -One Month.



26. **Name of work:-** R/O R/D on various roads under Malendi Section (SH:- Hiring of JCB for removal of slips at various roads under Malendi Section). Estimated Cost:-3,60,000/- Earnest Money: 7200/- Time allowed: - One Month.
27. **Name of work:-** A/R &M/O on Jogsha Kumarsain road Km.0/000 to 2/400(SH:-C/O PCC B/Wall at Rd.1/670 to 1/685). Estimated Cost:-1,94,160/- Earnest Money: 3900/- Time allowed: -One Month.
28. **Name of work:-** R/O R/D on various roads under Kotgarh Section (SH:- Hiring of JCB for removal of slips at various roads). Estimated Cost:-2,58,000/- Earnest Money: 5160/- Time allowed: -One Month.
29. **Name of work:-** C/O road from Changadhar to Mahouri Km.0/000 to 1/015 (SH:-C/O PCC R/Wall at Rd.0/960 to 0/973). Estimated Cost:-2,97,273/- Earnest Money: 6000/- Time allowed: -One Month.
30. **Name of work:-** C/O link road from NH-5 Bhora Gang Hut to village Banu GP Deeb Km.0/000 to 0/750 (SH:-Formation Cutting 5/7 mtr wide road in Km.0/345 to 0/570). Estimated Cost:-4,94,724/- Earnest Money: 9900/- Time allowed: -One Month.
31. **Name of work:-** C/O link road from Mohan to Bagthal Km.0/000 to 0/515 (SH:-Formation Cutting 5/7 mtr wide road in Km.0/450 to 0/615). Estimated Cost:-4,83,853/- Earnest Money: 9700/- Time allowed: -One Month.
32. **Name of work:-** R/O R/D on Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000(SH:-C/O PCC R/Wall at Rd.7/020 to 7/035). Estimated Cost:-4,23,413/- Earnest Money: 9000/- Time allowed: -One Month.
33. **Name of work:-** R/O R/D on Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000(SH:-C/O PCC R/Wall at Rd.0/779 to 0/789). Estimated Cost:-3,66,350/- Earnest Money: 7500/- Time allowed: -One Month.
34. **Name of work:-** R/O R/D on link road to Kotgarh Rest House Km.0/000 to 0/500(SH:-C/O PCC R/Wall at Rd.0/254 to 0/362 & 0/255 to 0/275). Estimated Cost:-4,73,061/- Earnest Money: 9500/- Time allowed: - One Month.
35. **Name of work:-** R/O R/D on Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000(SH:-C/O PCC R/Wall at Rd.20/885 to 20/903). Estimated Cost:-4,92,807/- Earnest Money: 9900/- Time allowed: -One Month.
36. **Name of work:-** R/O R/D on Oddi Khaneti Kotgarh road Km.0/000 to 21/000(SH:-C/O PCC B/Wall at Rd.14/050 to 14/065). Estimated Cost:-2,87,319/- Earnest Money: 6000/- Time allowed: -One Month.
37. **Name of work:-** R/O R/D on Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000(SH:-C/O PCC R/Wall at Rd.18/675 to 18/687). Estimated Cost:-4,94,275/- Earnest Money: 9900/- Time allowed: -One Month.
38. **Name of work:-** R/O R/D on Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000(SH:-C/O PCC R/Wall at Rd.20/239 to 20/254). Estimated Cost:-4,99,640/- Earnest Money: 10000/- 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.
5. The work should be started within fifteen days from the opening of tender.

  
Executive Engineer,  
Kumarsain Division,  
HP.PWD, Kumarsain

No.PW-KMS-AB-N.I.T/2024-25- 3442-92

Dated:- 05/08/24

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

No.PW-KMS-AB-N.I.T/2024-25- 3442-92

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.498507/-**

**Earnest money:-Rs.10000/-**

**Time allowed:-One month.**


**Name of work:-Construction of link road from Sarkalti to Karalti G.P. Madhwani Km.0/000 to 1/300 (SH:-Formation cutting 5/7 mtr. wide road in Km.0/000 to 0/210 & C/O P.C.C. Retaining wall at RD.0/000 to 0/012)**

S.No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	5/7 meters wide (5 meters wide in straight and 7 meters on curves) Excavation in soil in hilly area by mechanical means including cutting and trimming of side slopes and disposal of excavated earth in all height and depths in all kinds of soil, including saturated soil comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock where blasting is prohibited and their intermediate classification of soils including dewatering wherever required, setting out true to the required lines, grades, side, slopes, trimming of bottom and levels as shown on the drawing and as directed by the Engineer.-in Charge. at site according to the HP.PWD specification of 1990 volume-I and sorting out useful and un-useful material and stacking the same in all leads and lifts and transportation of the un serviceable materials for filling in roadways, embankment s for grade improvement and leveling to required grades and then disposing of all surplus excavated materials in acquired width of the road or on approved dumping site /sites through all labours machineries materials, tools, equipments and safety measures and other incidental necessary to complete the work by mechanical means and or labour if any required. The recovery for stones, whether useful or not for <b>69.74 (Sixty nine point seventy four) Cubic Meter</b> in all cases at the rate of <b>Rupees 300/- only (Rupees three hundred only)</b> per cubic meter shall be effected on pro rata basis in all circumstances. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	1394.89 m3			Per cubic metre.	
2	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.	9.96 m3			Per cubic metre.	
3	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.	6.72 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.	44.28 m3			Per cubic metre.	
5	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe 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.	11.52 Cum			Per cubic metre.	
<b>G.Total:-</b>						

Note:-The following materials will be issued from P.W.D Store at Kumarsain.

- |   |                             |                        |
|---|-----------------------------|------------------------|
| 1 | Gelatine @ Rs.88.53/Per Kg. | } +3% storage charges. |
| 2 | Detonator @ Rs.3.39/Each.   |                        |
| 3 | S.F coil @ Rs.31/Coil       |                        |

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



### SCHEDULE OF QUANTITY

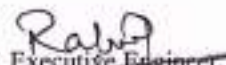
Estimated cost:-Rs.471001/-

Earnest money:-Rs.9500/-

Time allowed:-One month.

Name of work:-Improvement of Geometrics on link road from Kahneri to Balgar road Km.0/0000 to 1/345 (SH:-Construction of P.C.C. Retaining wall at RD.0/275 to 0/285 & 0/800 to 0/810).

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.	29.70 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.	15.30 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.	94.00 m3			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe 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.	40 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.	11.40 Cum			Per cubic metre.	
Total:-						

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

### SCHEDULE OF QUANTITY

Estimated cost:-Rs.464255/-

Earnest money:-Rs.9300/-

Time allowed:-One month.

Name of work:-Construction of link road from Thachru to Reshwa Banka Jubber Km.0/0000 to 1/345 (SH:-Construction of P.C.C. Edge wall at RD.0/125 to 0/140 & P.C.C. Retaining wall at RD.0/225 to 0/242).

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.	29.70 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.	24.45 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.	92.31 m3			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe 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.	
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.	11.22 Cum			Per cubic metre.	
Total:-						

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



### SCHEDULE OF QUANTITY


Estimated cost:-Rs.349737/-

Earnest money:-Rs.7000/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on link road from Upper Jabli to Lower Jabli Km.0/0000 to 1/000 (SH:-Construction of P.C.C. Toe wall at RD.0/060 to 0/076.50).

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.	29.70 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.	9.90 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.	71.28 m3			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe 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.	
Total:-						

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

**SCHEDULE OF QUANTITY**


Estimated cost:-Rs.268758/-

Earnest money:-Rs.5400/-

Time allowed:-One month.

**Name of work:-Construction of link road from Sedhnu to Damahi Chajhol Chamagana Km.0/000 to 1/890 (SH:-Construction of P.C.C. Breast wall at RD.0/920 to 0/940).**

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.	28.60 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.	11.80 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.	53.60 m3			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe 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.	38 Nos			Each.	
<b>Total:-</b>						

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



SCHEDULE OF QUANTITY

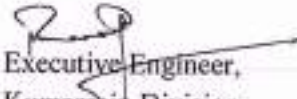
Estimated cost:-Rs.252000/-

Earnest money:-Rs.5040/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on various roads under Narkanda Section(SH:-Hiring of (JCB) Excavator front end loader for removal of slips at various road).

S. No	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	in words.		
1	Hiring of (J.C.B) Excavator front end loader 0.30 cum. Bucket capacity for removal of slips including P.O.L. as per direction Engineer- in-Charge Any loss to Public and Private Property during the course of execution and disposal of serviceable/unserviceable materials shall be absolute responsibility of the contractor which shall be duly compensated to the full extent him in all respect and in all cases.	210.00 Hour			Per Hours	
	<b>Total:-</b>					

  
Executive Engineer,  
Kumarsain Division,

**SCHEDULE OF QUANTITY**

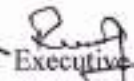
Estimated cost:-Rs.144900/-

Earnest money:-Rs.2900/-

Time allowed:-One month.

Name of work:-Preparation of D.P.R for construction of road Talah Sanaogi Bhut Km.0/000 to 5/400 (SH:-Preparation of DPR and CBR tests),(UNDER NABARD)

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Preparation of Detailed Project report which include following provision as mentioned below:- A) Topography survey by Digital total station with two second accuracy, showing all features on survey plan like trees, culvert, bridge, electric poles, telephone poles, hand pumps, school habitant villages. B) Draw cross section at 15 m (fifteen meter) interval, L-section & calculate the quantity of earth work in standard format of autocard showing all layer of pavement components as applicable. C) Preparation of survey plan showing all provision and preparation of detailed project report as per MORD guidelines.	5.400 Km.			Per Kilometer.	
2	CBR test including grain size analysis, atterbergs limit, proctor compaction and CBR value.	9 Nos.			Per sample.	
	<b>Total:-</b>					

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



SCHEDULE OF QUANTITY

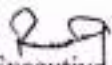
Estimated cost:-Rs.168360/-

Earnest money:-Rs.3400/-

Time allowed:-One month.

Name of work:-Preparation of D.P.R for construction of road Dalan Bhanana Jiru Nala Serthi Loshta to Dhimli (HPPWD Kumarsain) Km.0/000 to 6/420 (SH:- Preparation of DPR and CBR tests).(UNDER NABARD)

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Preparation of Detailed Project report which include following provision as mentioned below:- A) Topography survey by Digital total station with two second accuracy, showing all features on survey plan like trees, culvert, bridge, electric poles, telephone poles, hand pumps, school habitant villages. B) Draw cross section at 15 m (fifteen meter) interval, L-section & calculate the quantity of earth work in standard format of autocard showing all layer of pavement components as applicable. C) Preparation of survey plan showing all provision and preparation of detailed project report as per MORD guidelines.	6.420 Km.			Per Kilometer.	
2	CBR test including grain size analysis, atterbergs limit, proctor compaction and CBR value.	9 Nos.			Per sample.	
	<b>Total:-</b>					

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

**SCHEDULE OF QUANTITY**

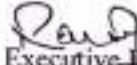
Estimated cost:-Rs.372146/-

Earnest money:-Rs.7500/-

Time allowed:-One month.

Name of work:-A/R & M/O link road Hattu Temple Km. 0/000 to 6/000 (SH:-Providing and laying correction layer and repair of pot holes in Km. 3/000 to 4/500).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	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 through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	15.92 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 (Low porosity) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	212.32 m2			Per square metre.	
3	Repair of 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 (VG-10) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	849.30 m2			Per square metre.	
<b>Total:-</b>						

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



SCHEDULE OF QUANTITY


Estimated cost:-Rs.314026/-

Earnest money:-Rs.6300/-

Time allowed:-One Month.

Name of work:--Restoration of rain damages on Narkanda Thanedhar Kotgarh Bithal road Km.0/0000 to 44/000 (Portion 5/000 to 17/000)(SH:-Removal of slips at various RD's).

S. No	Sub-Head/Items of work.		Rates.		Unit.	Amount.
			In fig.	In words.		
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slops and disposal of cut material with in all leads and lifts as per technical specification 302.3.5 and 1611 including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge	2512.21 m3			Per cubic metre.	
	<b>Total:-</b>					

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

**SCHEDULE OF QUANTITY**

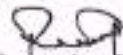
Estimated cost:-Rs.480000/-

Earnest money:-Rs.9600/-

Time allowed:-One Month.

**Name of work:-Restoration of rain damages on various roads under Kangal Section.(SH:-Hiring of JCB for removal of slips at various roads under Kangal Section).**

S. No	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	in words.		
1	Hiring of J.C.B front end loader for removal of slips including P.O.L. as per direction Engineer- in-Charge Any loss to Public and Private Property during the course of execution and disposal of serviceable/unserviceable materials shall be absolute responsibility of the contractor which shall be duly compensated to the full extent him in all respect and in all cases.	400.00 Hour			Per Hours	
<b>Total:-</b>						

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



SCHEDULE OF QUANTITY


Estimated cost:-Rs.417674/-

Earnest money:-Rs.8400/-

Time allowed:-One month.

Name of work:-Improvement of Kirti Bhanana road Km.0/0000 to 1/500 (SH:-Construction of P.C.C. Breast wall at RD.1/015 to 1/022.50).

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.	28.13 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.	31.28 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.	83.93 m3			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe 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.	3.60 Cum			Per cubic metre.	
Total:-						

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

SCHEDULE OF QUANTITY


Estimated cost:-Rs.411810/-

Earnest money:-Rs.8300/-

Time allowed:-One month.

Name of work:-Construction of link road Oddi to Upper Ghareothi Km.0/000 to 1/200 (SH:-Construction of P.C.C. Breast wall at RD. 0/990 to 1/015).

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.	45.75 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.	7.50 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.	84.00 m3			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe 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.	
Total:-						

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



SCHEDULE OF QUANTITY


Estimated cost:-Rs.390395/-

Earnest money:-Rs.7900/-

Time allowed:-One month.

Name of work:-Construction of Bagadharta Churath Chebri Lohalla road Km.0/000 to 4/875 (SH:-Construction of P.C.C. Breast wall at RD. 2/870 to 2/900).

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.	39.00 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.	30.30 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.	78.00 m3			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe 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.	40 Nos			Each.	
Total:-						

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

### SCHEDULE OF QUANTITY

Estimated cost:-Rs.328112/-

Earnest money:-Rs.6600/-

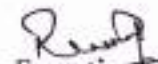
Time allowed:-One month.

Name of work:-Construction of Bagadharta Churath Chebri Lohalla road Km.0/000 to 4/875 (SH:-C/O 900mm dia Hume pipe culvert at RD.0/155 & 1/590 including both side wing walls).

S. No.	Sub-Head/Items of work.	Quantity.	Rates.		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.	89.01 m3			Per cubic metre.	
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802,803,1202 & 1203 P.C.C grade M 10 Nominal mix 1:3:6 (20mm nominal size) including entire carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge.	22.12 m3			Per cubic metre.	
3	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 in all leads and lifts as per direction of the Engineer-in-Charge.	2.69 m3			Per cubic metre.	
4	Providing and laying reinforced cement concrete pipe NP <sup>2</sup> for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection work, back filling, concrete and masonry work in head walls and parapets clause 1108, 900mm dia including entire carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge.	15.00 Rmt.			Per running metre	
5	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.	20.95 m3			Per cubic metre.	



6	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full with 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 in all leads and lifts as per direction of the Engineer-in-Charge.	12 Nos			Each.	
7	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 as per direction of the Engineer-in-Charge.	7.15 m3			Per cubic metre.	
<b>Total:-</b>						

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

**SCHEDULE OF QUANTITY**

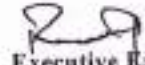
Estimated cost:-Rs.322205/-

Earnest money:-Rs.6500/-

Time allowed:-One month.

Name of work:-A/R & M/O on link road Firnoo Morh to Kanthroo Km . 0/000 to 5/000 ( SH:- Construction of PCC Retaining wall at Rd, 04/235 to 04/250 )

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.	14.62 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.	66.00 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.	14.00 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.	5.40 m3			Per cubic metre.	
Total:-						

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



SCHEDULE OF QUANTITY


Estimated cost:-Rs.499796/-

Earnest money:-Rs.10000/-

Time allowed:-One month.

Name of work:-Improvement of road geometrics Oddi Bagain road Km.0/000 to 1/450 (SH:-Construction of P.C.C. Retaining wall at RD.1/133 to 1/147).

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.	32.34 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.	22.96 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.	101.36 m3			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe 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.	22 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.	7.14 Cum			Per cubic metre.	
Total:-						

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

**SCHEDULE OF QUANTITY.**

Estimated Cost:-Rs.496630/-

Earnest money:-10000/-

Time allowed:-One month.

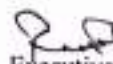
**Name of work:-Improvement of road on Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000 (SH:-Improvement of curve in various RDs).**

S.No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	5/7 meters wide (5 meters wide in straight and 7 meters on curves) Excavation in soil in hilly area by mechanical means including cutting and trimming of side slopes and disposal of excavated earth in all height and depths in all kinds of soil, including saturated soil comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock where blasting is prohibited and their intermediate classification of soils including dewatering wherever required, setting out true to the required lines, grades, side, slopes, trimming of bottom and levels as shown on the drawing and as directed by the Engineer.-in Charge, at site according to the HP.PWD specification of 1990 volume-I and sorting out useful and un-useful material and stacking the same in all leads and lifts and transportation of the un serviceable materials for filling in roadways, embankment s for grade improvement and leveling to required grades and then disposing of all surplus excavated materials in acquired width of the road or on approved dumping site /sites through all labours machineries materials, tools, equipments and safety measures and other incidental necessary to complete the work by mechanical means and or labour if any required. The recovery for stones, whether useful or not for <b>367.34 (Three hundred sixty seven point thirty four) Cubic Meter</b> in all cases at the rate of <b>Rupees 300/-</b> only (Rupees three hundred only) per cubic meter shall be effected on pro rata basis in all circumstances. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	1102.03 m3			Per cubic metre.	
<b>G.Total:-</b>						

Note:-The following materials will be issued

from P.W.D Store at Kumarsain.

- |                               |                        |
|-------------------------------|------------------------|
| 1 Gelatine @ Rs.88.53/Per Kg. | } +3% storage charges. |
| 2 Detonator @ Rs.3.39/Each.   |                        |
| 3 S.F coil @ Rs.31/Coil       |                        |

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



**SCHEDULE OF QUANTITY**


Estimated cost:-Rs. 151960/-

Earnest money:-Rs.3500/-

Time allowed:-One month.

**Name of work:-Construction of road from Firebrigade Dokhri Nallah to Rhogha Kotgarh via Khobar Nallaha Km . 0/000 to 2 /000 ( SH:-**  
**Construction of PCC Retaining wall at Rd, 1/140 to 1 /146 )**

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.	9.18 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.	8.88 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.	30.00 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.	10.00 Nos			Each.	
5	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.	5.04 m3			Per cubic metre.	
<b>Total:-</b>						

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



**SCHEDULE OF QUANTITY**

Estimated cost:-Rs. 379959/-

Earnest money:-Rs.8000/-

Time allowed:-One month.

Name of work:-Construction of road from Changadhar to Mahouri road Km . 0/000 to 1/ 015 ( SH:- Construction of PCC Retaining wall at Rd, 0/420 to 0/435 )

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.	21.60 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.	20.77 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.	75.00 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.	26.00 Nos			Each.	
5	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.	13.05 m3			Per cubic metre.	
<b>Total:-</b>						

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

**SCHEDULE OF QUANTITY**

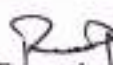
Estimated cost:-Rs. 476839/-

Earnest money:-Rs.9600/-

Time allowed:-One month.

**Name of work:-Restoration of rain damages on link road from Kholvi Kenchi to Bhadweag Km . 0/000 to 2/5005 ( SH:- Construction of PCC Retaining wall at Rd, 1/182 to 1/190 )**

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.	51.04 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.	11.20 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.	95.40 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.	28.00 Nos			Each.	
5	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.	10.56 m3			Per cubic metre.	
	<b>Total:-</b>					

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



### SCHEDULE OF QUANTITY

Estimated cost:-Rs.346987/-


Earnest money:-Rs.7000/-

Time allowed:-One month.

Name of work:- Construction of road from Chil More to Luhri via Lawan Km. 0/000 to 1/565 (SH:-Construction of 900mm dia Hume Pipe Culvert at RD 0/255)

S. No.	Sub-Head/Items of work.	Quantity.	Rates.		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.	15.53 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.	53.17 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 1:6:12(40mm aggregate) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	1.93 m3			Per cubic metre.	
4	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.	1.24 m3			Per cubic metre.	
5	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802,803,1202 & 1203 P.C.C. grade M 10 nominal mix 1:3:6 (1 cement : 3 sad : 6 graded stone aggregate 25mm nominal size ) and curing complete.including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	10.73 m3			Per cubic metre.	

6	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.	42.29 m3			Per cubic metre.	
7	Providing and laying reinforced cement concrete pipe NP <sup>2</sup> for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection work, back filling, concrete and masonry work in head walls and parapets clause 1108, 900mm including entire carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge.	7.50 Rmt.			Per running metre	
8	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.	9.72 Cum			Per cubic metre.	
9	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe 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.	18 Nos			Each.	
<b>Total:-</b>						

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



**SCHEDULE OF QUANTITY**

Estimated cost:-Rs.415484/-

Earnest money:-Rs.8500/-

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 PCC Retaining wall at Rd 17/680 to 17/686 )

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
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.	33.67 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.	84.54 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.	20.00 Nos			Each.	
5	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.	5.40 m3			Per cubic metre.	
	<b>Total:-</b>					

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

### SCHEDULE OF QUANTITY

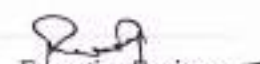
Estimated cost:-Rs.235383/-

Earnest money:-Rs.4800/-

Time allowed:-One month.

Name of work:-Improvement of link road Upper Shatla to Lower Shatla Km.0/000 to 1/450(SH:-Construction of P.C.C. Retaining wall at RD.0/860 to 0/879 & PCC Breast wall at RD.0/850 to 0/852, 0/885 to 0/887.20).

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.	22.97 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.	46.19 m3			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe 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.	38 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.	5.70 Cum			Per cubic metre.	
Total:-						

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



### SCHEDULE OF QUANTITY


Estimated cost:-Rs.482212/-

Earnest money:-Rs.9700/-

Time allowed:-One month.

Name of work:-Construction of link road from Old H.T. road Koti to Kingal Km.0/000 to 2/500 (SH:-Construction of P.C.C. Retaining wall at RD.0/315 to 0/325 & P.C.C. Breast wall at RD.0/675 to 0/690).

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.	43.40 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.	22.70 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.	96.70 m3			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe 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.	40 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.	5.30 m3			Per cubic metre.	
Total:-						

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

**SCHEDULE OF QUANTITY**

Estimated cost:-Rs.360000/-

Earnest money:-Rs.7200/-

Time allowed:-One Month.

**Name of work:-Restoration of rain damages on various roads under Malendi Section.(SH:-Hiring of JCB for removal of slips at various roads under Malendi Section).**

S. No	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	in words.		
1	Hiring of J.C.B front end loader for removal of slips including P.O.L. as per direction Engineer- in-Charge Any loss to Public and Private Property during the course of execution and disposal of serviceable/unserviceable materials shall be absolute responsibility of the contractor which shall be duly compensated to the full extent him in all respect and in all cases.	300.00 Hour			Per Hours	
	<b>Total:-</b>					

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



**SCHEDULE OF QUANTITY**

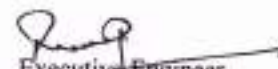
Estimated cost:-Rs.194160/-

Earnest money:-Rs.3900/-

Time allowed:-One month.

**Name of work:-A/R & M/O Jogsha Kumarsain road Km.0/0000 to 2/400 (SH:-Construction of P.C.C. Breast wall at RD.1/670 to 1/685).**

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.	15.15 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.	19.65 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.	39.00 m3			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe 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.	14 Nos			Each.	
Total:-						

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

**SCHEDULE OF QUANTITY**

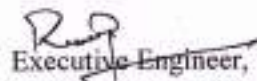
Estimated cost:-Rs.258000/-

Earnest money:-Rs.5160/-

Time allowed:-One month.

**Name of work:-Restoration of rain damages on various roads under Kotgarh Section(SH:-Hiring of (JCB) Excavator front end loader for removal of slips at various road).**

S. No	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	in words.		
1	Hiring of (J.C.B) Excavator front end loader 0.30 cum. Bucket capacity for removal of slips including P.O.L. as per direction Engineer- in-Charge Any loss to Public and Private Property during the course of execution and disposal of serviceable/unserviceable materials shall be absolute responsibility of the contractor which shall be duly compensated to the full extent him in all respect and in all cases.	215.00 Hour			Per Hours	
	<b>Total:-</b>					

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



**SCHEDULE OF QUANTITY**


Estimated cost:-Rs. 297273/-

Earnest money:-Rs.6000/-

Time allowed:-One month.

**Name of work:-Construction of road from Changadhar to Mahouri road Km . 0/000 to 1/015 ( SH:- Construction of PCC Retaining wall at Rd, 0/960 to 0/973 )**

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.	14.36 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.	15.73 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.	58.50 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.	22.00 Nos			Each.	
5	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.	11.31 m3			Per cubic metre.	
<b>Total:-</b>						

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

**SCHEDULE OF QUANTITY.**

**Estimated Cost:-Rs.494724/-**

**Earnest money:-9900/-**


**Time allowed:-One month.**

**Name of work:-Construction of link road from NH-5 Bhora Gang Hut to village Banu GP Deeb Km.0/000 to 0/750 (SH:-Formation cutting 5/7 mtr. wide road in Km. 0/345 to 0/570)**

S.No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	5/7 meters wide (5 meters wide in straight and 7 meters on curves) Excavation in soil in hilly area by mechanical means including cutting and trimming of side slopes and disposal of excavated earth in all height and depths in all kinds of soil, including saturated soil comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock where blasting is prohibited and their intermediate classification of soils including dewatering wherever required, setting out true to the required lines, grades, side, slopes, trimming of bottom and levels as shown on the drawing and as directed by the Engineer.-in Charge, at site according to the HP.PWD specification of 1990 volume-I and sorting out useful and un-useful material and stacking the same in all leads and lifts and transportation of the un serviceable materials for filling in roadways, embankment s for grade improvement and leveling to required grades and then disposing of all surplus excavated materials in acquired width of the road or on approved dumping site /sites through all labours machineries materials, tools, equipments and safety measures and other incidental necessary to complete the work by mechanical means and or labour if any required. The recovery for stones, whether useful or not for <b>183.64 (One hundred eighty three point sixty four) Cubic Meter</b> in all cases at the rate of <b>Rupees 300/-</b> only (Rupees three hundred only) per cubic meter shall be effected on pro rata basis in all circumstances. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	2145.75 m3			Per cubic metre.	
<b>G.Total:-</b>						

Note:-The following materials will be issued from P.W.D Store at Kumarsain.

- |                               |                        |
|-------------------------------|------------------------|
| 1 Gelatine @ Rs.88.53/Per Kg. | } +3% storage charges. |
| 2 Detonator @ Rs.3.39/Each.   |                        |
| 3 S.F coil @ Rs.31/Coil       |                        |

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



**SCHEDULE OF QUANTITY.**

Estimated Cost:-Rs.483853/-

Earnest money:-9700/-

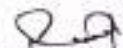
Time allowed:-One month.

**Name of work:-Construction of link road from Mohan to Bagthal Km.0/000 to 1/515 (SH:-Formation cutting 5/7 mtr. wide road in Km.0/450 to 0/615)**

S.No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	5/7 meters wide (5 meters wide in straight and 7 meters on curves) Excavation in soil in hilly area by mechanical means including cutting and trimming of side slopes and disposal of excavated earth in all height and depths in all kinds of soil, including saturated soil comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock where blasting is prohibited and their intermediate classification of soils including dewatering wherever required, setting out true to the required lines, grades, side, slopes, trimming of bottom and levels as shown on the drawing and as directed by the Engineer.-in Charge, at site according to the HP.PWD specification of 1990 volume-I and sorting out useful and un-useful material and stacking the same in all leads and lifts and transportation of the un serviceable materials for filling in roadways, embankment s for grade improvement and leveling to required grades and then disposing of all surplus excavated materials in acquired width of the road or on approved dumping site /sites through all labours machineries materials, tools, equipments and safety measures and other incidental necessary to complete the work by mechanical means and or labour if any required. The recovery for stones, whether useful or not for <b>185.71 (One hundred eighty five point seventy one) Cubic Meter</b> in all cases at the rate of <b>Rupees 300/-</b> only (Rupees three hundred only) per cubic meter shall be effected on pro rata basis in all circumstances. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	2052.31 m3			Per cubic metre.	
<b>G.Total:-</b>						

Note:-The following materials will be issued from P.W.D Store at Kumarsain.

- |   |                             |                        |
|---|-----------------------------|------------------------|
| 1 | Gelatine @ Rs.88.53/Per Kg. | } +3% storage charges. |
| 2 | Detonator @ Rs.3.39/Each.   |                        |
| 3 | S.F coil @ Rs.31/Coil       |                        |

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

**SCHEDULE OF QUANTITY**


Estimated cost:-Rs. 423413/-

Earnest money:-Rs.9000/-

Time allowed:-One month.

**Name of work:-Restoration of rain damage on Narkanda Thanedhar Kotgarh Bithal road Km . 0/000 to 44/000 ( SH:- Construction of PCC Retaining wall at Rd, 07/020 to 07/035 )**

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.	37.13 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.	14.40 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.	82.50 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.	36.00 Nos			Each.	
5	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.	18.00 m3			Per cubic metre.	
	<b>Total:-</b>					

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



**SCHEDULE OF QUANTITY**

Estimated cost:-Rs. 366350/-

Earnest money:-Rs.7500/-

Time allowed:-One month.

**Name of work:-Restoration of rain damages on Narkanda Thanedhar Kotgarh Bithal road Km . 0/000 to 41/000 ( SH:- Construction of PCC Retaining wall at Rd, 0/779 to 0/789 )**

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amounts.
			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.	7.50 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.	74.75 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.	18.00 Nos			Each.	
5	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.	7.80 m3			Per cubic metre.	
<b>Total:-</b>						

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

**SCHEDULE OF QUANTITY**


Estimated cost:-Rs.473061/-

Earnest money:-Rs.9500/-

Time allowed:-One month.

**Name of work:-Restoration of rain damage on link road to Kotgarh Rest House Km . 0/000 to 0/500 ( SH:- Construction of PCC Retaining wall at Rd, 0/254 to 0/362 & 0/255 to 0/275 )**

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.	18.41 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.	35.84 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.	92.15 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.	47.00 Nos			Each.	
5	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.	17.76 m3			Per cubic metre.	
<b>Total:-</b>						

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



**SCHEDULE OF QUANTITY**

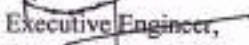
Estimated cost:-Rs.492807/-

Earnest money:-Rs.9900/-

Time allowed:-One month.

**Name of work:-Restoration of rain damages on Narkanda Thanedhar Kotgarh Bithal road Km.0/0000 to 44/000 (SH:-Construction of P.C.C. Retaining wall at RD.20/885 to 20/903).**

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.	12.60 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.	43.02 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.	95.22 m3			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe 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.	51 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.	21.60 Cum			Per cubic metre.	
<b>Total:-</b>						

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

**SCHEDULE OF QUANTITY**

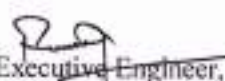
Estimated cost:-Rs.287319/-

Earnest money:-Rs.6000/-

Time allowed:-One month.

**Name of work:-Restoration of rain damage on Oddi Khaneti Kotgarh Road Km . 0/000 to 21/000 ( SH:- Construction of PCC Breast wall at Rd, 14/050 to 14/065 )**

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.	22.80 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.	25.20 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.	57.45 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.	30.00 Nos			Each.	
<b>Total:-</b>						

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



**SCHEDULE OF QUANTITY**


Estimated cost:-Rs.494275/-

Earnest money:-Rs.9900/-

Time allowed:-One month.

**Name of work:-Restoration of rain damage on Narkanda Thanedhar Kotgarh Bithal road Km . 0/000 to 44/000 ( SH:- Construction of PCC Retaining wall at Rd, 18/675 to 18/687 )**

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.	16.92 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.	43.02 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.	95.22 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.	54.00 Nos			Each.	
5	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.	21.60 m3			Per cubic metre.	
<b>Total:-</b>						

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

SCHEDULE OF QUANTITY

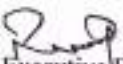
Estimated cost:-Rs.499640/-

Earnest money:-Rs.10000/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Narkanda Thanedhar Kotgarh Bithal road Km.0/0000 to 44/000 (SH:-Construction of P.C.C. Retaining wall at RD.20/239 to 20/254).

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.	21.15 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.	28.95 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.	98.85 m3			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe 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.	18.00 Cum			Per cubic metre.	
Total:-						

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