



**HIMACHAL PRADESH  
PUBLIC WORKS DEPARTMENT**

Telephone No:-01782-240075

e-mail:-ee-kum-hp@nic.in

**NO-PW-KMS-AB-NIT/ 2023-24- 5296-98**

**Dated:- 18/08/2023**

To


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

**Subject: -**

**Publication of Tender Notice.**


Enclosed please find herewith the tender of various works as per detail given in the Notice Inviting tender for uploading on department website as per the Pr. Secy. (PW) to the Govt. of Himachal Pradesh notification 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.**

  
Executive Engineer  
Kumarsain Division  
HP.PWD. Kumarsain.


Copy to the Superintending Engineer, 11<sup>th</sup> Circle, HPPWD  
Rampur Bsr. for information please.

Copy to Drawing Branch in this office.

  
Executive Engineer  
Kumarsain Division,  
HP.PWD, Kumarsain

CERTIFICATE

CERTIFIED THAT THE TENDERS OF WORKS, AS  
CALLED VIDE THIS OFFICE LETTER NO. PW-KMS-AB-NIT/2023-24-  
5245-5295 DATED 18/08/2023 ARE URGENT NATURE AND PUBLIC  
INTEREST.

  
Executive Engineer  
Kumarsain Division  
HP.PWD, 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 **24.08.2023** up to **3:00 PM** and will be opened on same day at **3:30 P.M.** 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 **23.08.2023** up to **5:00 PM**. The tender form can be had from his office against cash payment (Non-refundable) on **24.08.2023** up to **1.00 P.M.**

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

1. **Name of Work :-** A/R & M/O HPPWD Rest House Building at Narkanda (SH:- Dismantling, R.R masonry, Plastering, False ceiling, doors frames & Shutter, Skirting, Half brick masonry etc.). Estimated Cost:- 4,88,802/- Earnest Money:- 9800/- Time allowed: -One Month.
2. **Name of Work:-** R/O R/D on Lauga Shathla road Km. 0/000 to 3/000 (SH:- Construction of P.C.C. Retaining Wall at RD. 0/135 to 0/150). Estimated Cost,2,56,330/- Earnest Money:- 5200/- Time allowed: -One Month.
3. **Name of Work:-** A/R & M/O link road to village Aroth Km. 0/000 to 2/840 (SH:- Providing and laying correction layer in Km. 0/000 to 2/840). Estimated Cost: - 3,60,975/- Earnest Money: 7300/- Time allowed: -One Month.
4. **Name of Work:-** C/O link road from Devjubber to Shelag Km. 0/000 to 3/000 (SH:- Construction of P.C.C. Breast Wall at RD. 1/354 to 1/390 & wire crate Breast wall at RD 1/605 to 1/620). Estimated Cost,4,98,174/- Earnest Money:- 10000/- Time allowed: -Three Months.
5. **Name of Work:-** R/O R/D on Kumarsain Sharambal Camp road Km. 0/000 to 2/400 (SH:- Construction of PCC Retaining Wall at RD. 0/360 to 0/370) Estimated Cost: - 2,36,010/- Earnest Money: 4800/- Time allowed: -Two Months.
6. **Name of Work:-** R/O R/D on Oddi Ghareothi Rahu Mohan Darog road Km. 0/000 to 5/180 (SH: C/O P.C.C. Retaining Wall at RD. 1/672 to 1/682). Estimated Cost,3,02,802/- Earnest Money:- 6100/- Time allowed: -One Month.
7. **Name of Work:-** R/O R/D on Barogi Khaltudhar road Km. 0/000 to 3/000 (SH:- Construction of wire crate Retaining Wall at Rd. 1/606 to 1/622.80). Estimated Cost,2,02,407/- Earnest Money:- 4100/- Time allowed: -One Month.
8. **Name of Work:-** R/O R/D on link road to village Kupri Km. 0/000 to 2/600 (SH:- Construction of P.C.C. retaining Wall at Rd. 2/035 to 2/050). Estimated Cost,3,90,032/- Earnest Money:- 7900/- Time allowed: -One Month.



9. **Name of Work:-** R/O R/D on Oddi Ghareothi Rahu Mohan Darog road Km. 0/000 to 5/180 (SH: C/O P.C.C. Retaining Wall at RD. 4/963 to 4/975) Estimated Cost.3,62,148/- Earnest Money:- 7300/- Time allowed: -One Month.
10. **Name of Work:-** R/O R/D on Kumarsain Pharal road Km. 0/000 to 7/645 (SH:- C/O PCC Retaining wall at RD 4/220 to 4/227 & 5/915 to 5/927). Estimated Cost: - 3,65,943/- Earnest Money: 7400/- Time allowed: -One Month.
11. **Name of Work:-** R/O R/D on Barogi Khaltudhar road Km. 0/000 to 3/000 (SH:- Construction of wire crate Retaining Wall at Rd. 2/345 to 2/357, C/O PCC Retaining wall at RD 2/398 to 2/404 & 2/432 to 2/438). Estimated Cost.3,49,142/- Earnest Money:- 7000/- Time allowed: -One Month
12. **Name of Work:-** R/O R/D on Oddi Ghareothi Rahu Mohan Darog road Km. 0/000 to 5/180 (SH: C/O P.C.C. Retaining Wall at RD. 5/123 to 5/138) Estimated Cost.2,67,237/- Earnest Money:- 5400/- Time allowed: -One Month.
13. **Name of Work:-** R/O R/D on Kumarsain Pharal road Km. 0/000 to 7/645 (SH:- C/O PCC Retaining wall at RD 2/585 to 2/600 & 3/005 to 3/016). Estimated Cost: - 4,98,159/- Earnest Money: 10000/- Time allowed: -One Month.
14. **Name of Work:-** R/O R/D on Narkanda Doza road Km. 0/000 to 6/500 (SH:- Formation cutting at RD 1/665 to 1/720 & C/O wire crate Retaining wall at RD 6/277 to 6/293.80). Estimated Cost: - 3,32,716/- Earnest Money: 6700/- Time allowed: -One Month
15. **Name of work:-** R/O R/D on Oddi Ghareothi Rahu Mohan Darog road Km. 0/000 to 5/180 (SH: C/O wire crate Retaining Wall at RD. 0/060 to 0/076.80) Estimated Cost.3,81,801/- Earnest Money:- 7700/- Time allowed: -One Month.
16. **Name of work:-** R/O R/D on Bhutti Lauga road Km. 0/000 to 2/400 (SH: C/O PCC Retaining Wall at RD. 0/715 to 0/730) Estimated Cost.4,78,555/- Earnest Money:- 9800/- Time allowed: -One Month
17. **Name of work:-** R/O R/D on Narkanda Thanedhar Kotgarh Bithal road Km. 0/000 to 44/000 (SH: C/O PCC Retaining Wall at RD. 4/770 to 4/784) Estimated Cost.3,64,998/- Earnest Money:- 7500/- Time allowed: -One Month
18. **Name of work:-** R/O R/D on Badubagain Changadhar Dadesh Banot Nallah road Km. 0/000 to 6/970 (SH: C/O Breast Wall at RD. 3/470 to 3/495) Estimated Cost.3,31,975/- Earnest Money:- 6700/- Time allowed: -One Month
19. **Name of work:-** R/O R/D on Narkanda Thanedhar Kotgarh Bithal road Km. 0/000 to 44/000 (SH: C/O PCC Retaining Wall at RD. 11/705 to 11/716) Estimated Cost.3,72,448/- Earnest Money:- 7500/- Time allowed: -One Month.
20. **Name of work:-** R/O R/D on link road to village Bahli Km. 0/000 to 2/000 (SH: C/O PCC Retaining Wall at RD. 1/080 to 1/088) Estimated Cost.2,15,699/- Earnest Money:- 4500/- Time allowed: -One Month.
21. **Name of work:-** R/O R/D on Oddi Khaneti Kotgarh road Km. 0/000 to 21/000 (SH: C/O PCC Retaining Wall at RD. 8/545 to 8/557.50) Estimated Cost.3,27,404/- Earnest Money:- 6600/- Time allowed: -One Month.



22. **Name of work:-** R/O R/D on Narkanda Thanedhar Kotgarh Bithal road Km. 0/000 to 44/000 (SH: C/O PCC Retaining Wall at RD. 8/330 to 8/350) Estimated Cost.3,74,946/- Earnest Money:- 7500/- Time allowed: -One Month.
23. **Name of work:-** C/O road from Kandyali to Dhank Km. 0/000 to 0/750 (SH: C/O PCC Retaining Wall at RD0/450 to 0/458, 0/510 to 0/525, 0/615 to 0/623 & B/wall at RD 0/735 to 0/755) Estimated Cost.4,99,530/- Earnest Money:- 10000/- Time allowed: -One Month.
24. **Name of work:-** R/O R/D on Oddi Khaneti Kotgarh road Km. 0/000 to 21/000 (SH: C/O PCC Retaining Wall at RD. 10/378 to 10/390) Estimated Cost.3,76,725/- Earnest Money:- 7600/- Time allowed: -One Month.
25. **Name of work:-** R/O R/D on Narkanda Thanedhar Kotgarh Bithal road Km. 0/000 to 44/000 (SH: C/O PCC Retaining Wall at RD. 31/620 to 31/630, 34/600 to 34/612) Estimated Cost.4,86,547/- Earnest Money:- 9800/- Time allowed: -One Month.
26. **Name of work:-** R/O R/D on Badubagain Changadhar Dadesh Banot Nallah road Km. 0/000 to 6/970 (SH: C/O PCC Retaining Wall at RD. 3/386 to 3/398) Estimated Cost.3,95,316/- Earnest Money:- 8000/- Time allowed: -One Month
27. **Name of work:-** R/O R/D on Narkanda Thanedhar Kotgarh Bithal road Km. 0/000 to 44/000 (SH: C/O PCC Retaining Wall at RD. 11/015 to 11/026) Estimated Cost.3,10,184/- Earnest Money:- 6500/- Time allowed: -One Month.
28. **Name of work:-** R/O R/D on Oddi Khaneti Kotgarh road Km. 0/000 to 21/000 (SH: C/O PCC Retaining Wall at RD. 8/557.50 to 8/570) Estimated Cost.3,27,404/- Earnest Money:- 6600/- Time allowed: -One Month.
29. **Name of work:-** R/O R/D on link road to village Mailan Km. 0/000 to 1/800 (SH: C/O PCC Breast Wall at RD. 01/275 to 01/295) Estimated Cost.2,20,920/- Earnest Money:- 4500/- Time allowed: -One Month.
30. **Name of work:-** R/O R/D on Narkanda Thanedhar Kotgarh Bithal road Km. 0/000 to 44/000 (SH: C/O PCC Breast Wall at RD. 09/090 to 09/120) Estimated Cost.4,42,040/- Earnest Money:- 8900/- Time allowed: -One Month
31. **Name of work:-** C/o road from Dokhri Nallah to Rogha Kotgarh via Khobal Nallah Km. 0/000 to 2/000 (SH:- C/O wire crate R/wall at RD 0/960 to 1/000) Estimated Cost.4,68,180/- Earnest Money:- 9500/- Time allowed: -One Month
32. **Name of work:-** R/O R/D on Oddi Khaneti Kotgarh road Km. 0/000 to 21/000 (SH: C/O PCC Retaining Wall at RD. 5/560 to 5/575 & PCC Breast wall at RD 10/370 to 10/385) Estimated Cost.3,97,890/- Earnest Money:- 8000/- Time allowed: -One Month
33. **Name of work:-** R/O R/D on Bhutti Lauga road Km. 0/000 to 2/400 (SH: C/O PCC Retaining Wall at RD. 0/625 to 0/632) Estimated Cost.4,88,443/- Earnest Money:- 9800/- Time allowed: -One Month
34. **Name of work:-**R/O R/D on Narkanda Thanedhar Kotgarh Bithal road Km. 0/000 to 44/000 (SH: C/O PCC Retaining Wall at RD. 11/480 to 11/488 & B/wall at RD 14/630 to 14/642) Estimated Cost.4,53,957/- Earnest Money:- 9100/- Time allowed: -One Month
35. **Name of work:-** R/O R/D on link to Gharal via Nanja road Km. 0/000 to 6/000 (SH: C/O PCC Breast Wall at RD. 01/130 to 01/150) Estimated Cost.2,20,920/- Earnest Money:- 4500/- Time allowed: -One Month.



36. **Name of work:-** R/O R/D on link road to Lower Jarol Km. 0/000 to 2/000 (SH: C/O PCC Retaining Wall at RD. 0/850 to 0/860) Estimated Cost.2,50,063/- Earnest Money:- 5100/- 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 Retaining Wall at RD. 9/105 to 9/115, 26/450 to 26/465) Estimated Cost.4,51,167/- Earnest Money:- 9100/- Time allowed: -One Month
38. **Name of work:-** R/O R/D on link road to village Virgarh Km. 0/000 to 1/000 (SH: C/O PCC Retaining Wall at RD. 0/510 to 0/520) Estimated Cost.1,88,398/- Earnest Money:- 3800/- Time allowed: -One Month.
39. **Name of work:-** C/O link road from Gharat Nallah to Machimadhawani Km. 0/000 to 1/540 (SH: C/O wire crate Retaining Wall at RD. 0/525 to 0/539.40 & 0/690 to 0/706.80) Estimated Cost.3,79,914/- Earnest Money:- 7600/- Time allowed: -One Month.
40. **Name of work:-** C/O link road from Aur to Kalmu Galani Km. 0/000 to 2/300 (SH: C/O PCC Breast Wall at RD. 0/230 to 0/240, 1/635 to 1/645 & wire crate Breast wall at RD 0/340 to 0/352) Estimated Cost.4,82,993/- Earnest Money:- 9700/- Time allowed: -One Month
41. **Name of Work:-** R/O R/D on Kumarsain Sharambhal Camp road Km. 0/000 to 2/400 (SH:- C/O PCC Retaining wall at RD 0/630 to 0/638, 0/755 to 0/762 & 1/775 to 1/789). Estimated Cost: - 4,27,874/- Earnest Money: 8600/- Time allowed: -One Month.
42. **Name of Work:-** R/O R/D on Baragaon Machinkhad road Km. 0/000 to 21/500 (SH:- C/O PCC Retaining wall at RD 18/650 to 18/655 & 19/860 to 19/875). Estimated Cost: - 4,87,898/- Earnest Money: 9800/- Time allowed: -One Month
43. **Name of work:-** R/O R/D on link road to village Challan Km. 0/000 to 1/185 (SH: C/O PCC Retaining Wall at RD. 0/130 to 0/135 & 0/160 to 0/170) Estimated Cost.3,88,663/- Earnest Money:- 7800/- Time allowed: -One Month.
44. **Name of work:-** A/R & M/O on Oddi Kingal road Km. 0/000 to 21/405 (SH: C/O PCC Retaining Wall at RD 8/915 to 8/920, 9/360 to 9/365 & 13/530 to 13/540) Estimated Cost.2,91,835/- Earnest Money:- 5900/- Time allowed: -Three Months.
45. **Name of work:-** R/O R/D on Oddi Kingal road Km. 0/000 to 21/405 (SH: C/O PCC Retaining Wall at RD 10/705 to 10/745) Estimated Cost.4,81,401/- Earnest Money:- 9700/- Time allowed: - Three Months.
46. **Name of work:-** R/O R/D on Oddi Kingal road Km. 0/000 to 21/405 (SH: C/O PCC Retaining Wall at RD 8/250 to 8/262) Estimated Cost.3,97,295/- Earnest Money:- 8000/- Time allowed: - Three Months.
47. **Name of work:-** R/O R/D on Oddi Kingal road Km. 0/000 to 21/405 (SH: C/O PCC Retaining Wall at RD 4/120 to 4/134.50) Estimated Cost.2,39,059/- Earnest Money:- 4800/- Time allowed: - Two Months
48. **Name of work:-** C/o on link road to Ropri Bridge Km. 0/000 to 1/135 (SH: C/O PCC Breast Wall at RD 0/300 to 0/330) Estimated Cost.3,31,770/- Earnest Money:- 6700/- Time allowed: -Two Months

49. **Name of work:-** Special repair to existing building of Patwar Khana at Malendi Kumarsain Distt. Shimla, HP (SH:- Providing and laying tile flooring, Plastering, Painting, Distempering and Sanitary Installation etc.) Estimated Cost.2,15,747/- Earnest Money:- 4350/- Time allowed: -Two Months

**Terms and conditions:-**

1. The contractors shall produce their latest registration/renewal of their registration/GST No/EPF No along with their application.
2. The single/conditional tender will be rejected.
3. The offer shall remain valid up to 90days.
4. Note:- The rates quoted by the contractors should be 5% above to 10% below only otherwise the tenders will be rejected.

Executive Engineer,  
Kumarsain Division  
HP.PWD, Kumarsain

No.PW-KMS-AB-NIT/2023-24- 5245-95

Dated: 18/08/2023

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

Executive Engineer,  
Kumarsain Division  
HP.PWD, Kumarsain



### SCHEDULE OF QUANTITY

Estimated cost:-Rs.488802/-

Earnest money:-Rs.9800/-

Time allowed:-One month.

Name of work:-A/R & M/O HPPWD Rest House Building at Narkanda (SH:-Dismantling ,R.R. masonry, Plastering, False ceiling, Doors frames & Shutter,Skirting, Half brick masonry etc.).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead 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 m <sup>2</sup>			Per square metre.	
2	Demolishing stone rubble masonry manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge In cement mortar including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	8.10 m <sup>3</sup>			Per cubic metre.	
3	Soling stone properly hand packed filling interstices with Kharanja stone including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	9.94 m <sup>3</sup>			Per cubic metre.	
4	Providing and laying damp-proof course 50mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	49.72 m <sup>2</sup>			Per square metre.	



5	Random rubble masonry with hard stone in superstructure above plinth level and upto floor five level, including leveling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) at window sills, ceiling level and the like including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	8.10 m3			Per cubic metre.	
6	15 mm cement plaster on rough side of single or half brick wall of mix: 1:4(1 cement : 4 sand) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	29.78 m2			Per square metre.	
7	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc. Deodar Wood including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	2.88 m3			Per cubic metre.	
8	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge.	3.45 m2			Per square metre.	
9	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length ( hold fast lugs or dash fastener shall be paid for separately) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	0.08 m3			Per cubic metre.	
10	Providing and fixing bright finished brass sliding door-bolts with nuts and screws etc. Complete 200x16mm including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	2 Nos.			Each.	

SCHEDULE OF QUANTITY

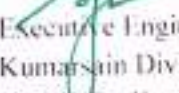
Estimated cost:-Rs.256330/-

Earnest money:-Rs.5200/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Lauga Shathla road Km.0/000 to 3/00 (SH:-C/O PCC Retaining wall at RD. 0/235 to 0/250).

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 505.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	17.10 m <sup>3</sup>			Per cubic metre.	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	52.65 m <sup>3</sup>			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204,3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	20 Nos			Each.	
Total:-						

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



SCHEDULE OF QUANTITY


Estimated cost:-Rs.360975/-

Earnest money:-Rs.7300/-

Time allowed:-One month.

Name of work:-A/R & M/O link road to village Aroth Km. 0/000 to 2/840(SH:-Providing and laying correction layer in Km.0/000 to 2/840).

S. No.	Sub-Head Items of work.	Quantity.	Rates.		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 mechanical means with in all leads & lifts complete as per directions of the Engineer-in-Charge.	130.33 m <sup>3</sup>			Per cubic metre.	
	<b>Total:-</b>					

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

### SCHEDULE OF QUANTITY

Estimated cost:-Rs.498174/-

Earnest money:-Rs.10000/-

Time allowed:-Three months.

Name of work:-Construction of link road from Devjubber to Shelag Km.0/000 to 3/000 (SH:-C/O P.C.C Breast wall at RD.1/354 to 1/390 & wire crate Breast wall at RD.1/605 to 1/620).

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.	43.95 m3			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	28.41 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.	76.53 m3			Per cubic metre.	
4	Providing and laying of boulder apron laid in wire crates with 4mm dia GI wire conforming to IS:280 and IS: 4826 in 100mm x100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg. each as per drawing and technical specification Clause 1301 including entire carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge.	41.47 m3			Per cubic metre.	
5	Providing weapholes in brick masonry stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204,3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	50 Nos.			Each.	
Total:-						

  
Executive Engineer,  
Kumarsain Division,  
Karnal District.



**SCHEDULE OF QUANTITY**


Estimated cost:-Rs.236010/-

Earnest money:-Rs.4800/-

Time allowed:-Two months.

**Name of work:-Restoration of rain damages on Kumarsain Sharambal Camp road Km.0/000 to 2/400 (SH:-C/O P.C.C Retaining wall at RD.0/360 to 0/370).**

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	13.00 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	9.50 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	46.40 m <sup>3</sup>			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	24 Nos			Each.	
5	Back filling behind abutment, retaining wall/breast wall including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	8.10 Cum			Per cubic metre.	
<b>Total:-</b>						

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

### SCHEDULE OF QUANTITY

Estimated cost:-Rs.302802/-

Earnest money:-Rs.6100/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Oddi Ghareothi Rahu Mohan Darog road Km.0/000 to 5/180 (SH:-C/O PCC Retaining wall at RD. 1/672 to 1/682).

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.	18.90 m <sup>3</sup>			Per cubic metre	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	10.80 m <sup>3</sup>			Per cubic metre	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	60.00 m <sup>3</sup>			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204,3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	24 Nos			Each.	
5	Back filling behind abutment, retaining wall/breast wall including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	10.20 Cum			Per cubic metre	
Total:-						

  
Executive Engineer,  
Kumarsain Division,  
HRPWD., Kumarsain.



SCHEDULE OF QUANTITY


Estimated cost:-Rs.202407/-

Earnest money:-Rs.4100/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Barogi Khaltudhar road Km.0/000 to 3/000 (SH:-C/O Wire crate Retaining wall at RD.1/606 to 1/622.80).

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.	38.30 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	27.22 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying of boulder apron laid in wire crates with 4mm dia GI wire conforming to IS:280 and IS: 4826 in 100mm x100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg. each as per drawing and technical specification Clause 1301 including entire carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge.	72.58 m <sup>3</sup>			Per cubic metre.	
	Total:-					

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

# SCHEDULE OF QUANTITY

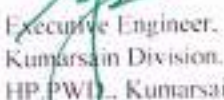
Estimated cost:-Rs.390032/-

Earnest money:-Rs.7900/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on link road to village Kupri Km.0/000 to 2/600 (SH:-C/O PCC Retaining wall at RD.2/035 to 2/050).

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.	27.00 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	13.50 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying concrete for plain reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	79.65 m <sup>3</sup>			Per cubic metre.	
4	Providing weapholes in brick masonry stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (V):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	30 Nos			Each.	
5	Back filling behind abutment, retaining wall/breast wall including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge	0.57 Cum			Per cubic metre.	
	<b>Total:-</b>					

  
Executive Engineer,  
Kumarsain Division,  
HP, PWID, Kumarsain.



### SCHEDULE OF QUANTITY

Estimated cost:-Rs.362148/-

Earnest money:-Rs.7300/-

Time allowed:-One month,

**Name of work:-Restoration of rain damages on Oddi Ghareothi Rahu Mohan Darog road Km.0/000 to 5/180 (SH-C/O PCC Retaining wall at RD. 4/963 to 4/975).**

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 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	17.28 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying concrete for plain reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	72.00 m <sup>3</sup>			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v:20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	30 Nos			Each.	
5	Back filling behind abutment, retaining wall/breast wall including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	9.60 Cum			Per cubic metre.	
<b>Total:-</b>						

  
 Executive Engineer,  
 Kumarsain Division,  
 HP PWD, Kumarsain.

SCHEDULE OF QUANTITY

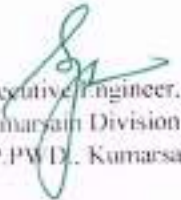
Estimated cost:-Rs.365943/-

Earnest money:-Rs.7400/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Kumarsaim Pharal road Km.0/000 to 7/645 (SH:-C/O PCC Retaining wall at RD.4/220 to 4/227 & 5/915 to 5/927).

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.	21.75 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	9.42 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying concrete for plain reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	72.72 m <sup>3</sup>			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	38 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.	9.63 Cum			Per cubic metre.	
Total:-						

  
Executive Engineer,  
Kumarsaim Division,  
HP.PWD, Kumarsaim.



### SCHEDULE OF QUANTITY

Estimated cost:-Rs.349142/-

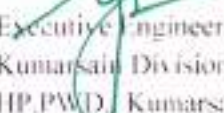
Earnest money:-Rs.7000/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Barogi Khaltudhar road Km.0/000 to 3/000 (SH:-C/O Wire crate Retaining wall at RD.2/345 to 2/357, C/O PCC Retaining wall at RD.2/398 to 2/404 & 2/432 to 2/438).

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.	21.12 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	32.64 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying concrete for plain reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	39.96 m <sup>3</sup>			Per cubic metre.	
4	Providing and laying of boulder apron laid in wire crates with 4mm dia GI wire conforming to IS:280 and IS: 4826 in 100mm x100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg. each as per drawing and technical specification Clause 1301 including entire carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge.	51.84 m <sup>3</sup>			Per cubic metre.	

5	Providing weapholes in brick masonry/stone masonry plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slope 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.	27 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.	9.36 Cum			Per cubic metre.	
	<b>Total:-</b>					

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



### SCHEDULE OF QUANTITY


Estimated cost:-Rs.267237/-

Earnest money:-Rs.5400/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Oddi Ghareothi Rahu Mohan Darog road Km.0/000 to 5/180 (SH-C/O PCC Retaining wall at RD.5/123 to 5/138).

S. No.	Sub-Head Items of work	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	23.40 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	21.60 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	49.95 m <sup>3</sup>			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 in 20(1:20) 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.	16.20 Cum			Per cubic metre	
Total:-						

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

### SCHEDULE OF QUANTITY


Estimated cost:-Rs.498159/-

Earnest money:-Rs.10000/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Kumarsaim Pharal road Km.0/000 to 7/645 (SH:-C/O PCC Retaining wall at RD.2/585 to 2/600 & 3/005 to 3/016).

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.	24.33 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	12.47 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	99.64 m <sup>3</sup>			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204,3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	50 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.	12.06 Cum			Per cubic metre.	
Total:-						

  
Executive Engineer,  
Kumarsaim Division,  
HP,PW.D, Kumarsaim.



SCHEDULE OF QUANTITY.

Estimated Cost:-Rs.332716/-

Earnest money:-6700/-

Time allowed:-One month.


Name of work:-Restoration of rain damages on Narkanda Doza road Km.0/000 to 6/500 (SH:-Formation cutting at RD.1/665 to 1/720 & C/O wire crate Retaining wall at RD.6/277 to 6/293.80).

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>71.04 (Seventy one point 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.	507.78 m <sup>3</sup>			Per cubic metre.	

2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	21.17 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying of boulder apron laid in wire crates with 4mm dia GI wire conforming to IS:280 and IS: 4826 in 100mm x100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg. each as per drawing and technical specification Clause 1301 including entire carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge.	72.57 m <sup>3</sup>			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

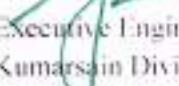
Estimated cost:-Rs.381801/-

Earnest money:-Rs.7700/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Oddi Ghareothi Rahu Mohan Darog road Km.0/000 to 5/180 (SH:-C/O Wire crate Retaining wall at RD.0/060 to 0/076.80).

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.	55.44 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	85.68 m <sup>3</sup>			Per cubic metre.	
4	Providing and laying of boulder apron laid in wire crates with 4mm dia GI wire conforming to IS:280 and IS: 4826 in 100mm x100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg. each as per drawing and technical specification Clause 1301 including entire carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge.	134.77 m <sup>3</sup>			Per cubic metre.	
	<b>Total:-</b>					

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

**SCHEDULE OF QUANTITY**

Estimated cost:-Rs.478555/-

Earnest money:-Rs.9800/-

Time allowed:-One month.

Name of work:-Restoration of rain damaged on Bhutti Lauga Road Km 0/000 to 2/400( SH:- Construction of PCC Retaining wall at RD,0/715 to0/730

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-Charge.	23.47 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.	21.60 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.	93.75 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.	45.00 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.	18.90 m3			Per cubic metre.	
	<b>Total:-</b>					

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



### SCHEDULE OF QUANTITY


Estimated cost:-Rs./ 364998/

Earnest money:-Rs.1 7500/

Time allowed:-One months.

Name of work:-Restoration of rain damage on Narkanda Thanedhar Kotgarh Bithal Road Km 0/000 to44/000( SH:- Construction of PCC Retaining wall at RD, 4/770 to4/784

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.	21.00 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.	73.50 m3			Per cubic metre.	
3	Providing weepholes 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.	24.00 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.	9.24 m3			Per cubic metre.	
Total:-						

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

**SCHEDULE OF QUANTITY**

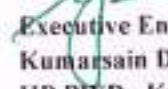
Estimated cost:-Rs.331975/-

Earnest money:-Rs.6700/-

Time allowed:-One months.

Name of work:-Restoration of rain damage on Badugagain Changadhar Dadesh Banot Nallha road Km 0/000 to 6/970( SH:- Construction of Breast wall at Rd 3/470 to 3/495

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.	46.25 m3			Per cubic metre.	
2	Providing and laying of boulder apron laid in wire crates with 4mm dia GI wire conforming to IS:280 and IS: 4826 in 100mmx100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg. each as per drawing and technical specification Clause 1301 including entire carriage of materials in all leads and lifts.	67.10 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.	36.00 Nos			Each	
Total:-						

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



### SCHEDULE OF QUANTITY

Estimated cost:-Rs./ 372448/

Earnest money:-Rs.1 7500/

Time allowed:-One month.

Name of work:-Restoration of rain damaged on Narkanda Thanedhar Kotgarh Bithal Road Km 0/000 to 44/000( SH:- Construction of PCC Retaining wall at RD, 11/705 to 11/716

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-Charge.	19.14 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.	24.25 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.	72.60 m3			Per cubic metre.	
4	Providing weepholes 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.	44.00 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.	12.21 m3			Per cubic metre.	
Total:-						

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

**SCHEDULE OF QUANTITY**

Estimated cost:-Rs.215699/-

Earnest money:-Rs.4500/-

Time allowed:-One month.

**Name of work:-Restoration of rain damaged on link road to village Bahli Km 0/000 to 2/000 ( SH:- Construction of PCC Retaining wall at RD. 1/080 to 1/088)**

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 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	9.80 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	42.00 m <sup>3</sup>			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	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.	9.12 m <sup>3</sup>			Per cubic metre.	
	<b>Total:-</b>					

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



**SCHEDULE OF QUANTITY**


Estimated cost:-Rs 327404/-

Earnest money:-Rs. 6600/-

Time allowed:-One months.

Name of work:-Restoration of rain damage on Oddi Khaneti Kotgarh Road Km 0/000 to 21/000 ( SH:- Construction of PCC Retaining wall at RD, 8/545 to 8/557.50

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.	14.06 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.	65.63 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.	33.00 Nos			Each.	
4	Back filling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 Granular material including entire carriage of materials in all leads and lifts.	8.25 m3			Per cubic metre.	
	<b>Total:-</b>					

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

### SCHEDULE OF QUANTITY

Estimated cost:-Rs./ 374946/

Earnest money:-Rs.1 7500/

Time allowed:-One month.

Name of work:-Restoration of rain damaged on Narkanda Thanedhar Kotgarh Bithal Road Km 0/000 to 44/000( SH:- Construction of PCC Retaining wall at RD, 08/330 to 08/350

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-Charge.	13.20 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stamps 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.	19.20 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	72.00 m <sup>3</sup>			Per cubic metre.	
4	Providing weepholes 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.	22.20 m <sup>3</sup>			Per cubic metre.	
Total:-						

  
Executive Engineer,  
Kumarsain Division,  
HPPWD., Kumarsain.



**SCHEDULE OF QUANTITY**

Estimated cost:-Rs.499530/-

Earnest money:-Rs.10000/-

Time allowed:-One months.

**Name of work:-Construction of road from Kandyali to Dhank Km 0/000 to 0/750 ( SH:- Construction of PCC Retaining wall at RD, 0/450 to 0/458, 0/510 to 0/525, 0/615 to 0/623 & B/wall 0/735 to 0/755**

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.	35.56 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.	100.50 m3			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	25.00 Nos			Each.	
4	Back filling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 Granular material including entire carriage of materials in all leads and lifts.	13.20 m3			Per cubic metre.	
Total:-						

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

**SCHEDULE OF QUANTITY**

Estimated cost:-Rs./ 376725/

Earnest money:-Rs.1 7600/

Time allowed:-One months.

**Name of work:-Restoration of rain damage on Oddi Khaneti Kotgarh Road Km 0/000 to 21/000( SH:- Construction of PCC Retaining wall at RD, 10/378 to 10/390**

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	22.50 m <sup>3</sup>			Per cubic metre.	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1205) 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.	75.60 m <sup>3</sup>			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614.709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	24.00 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.	10.80 m <sup>3</sup>			Per cubic metre.	
Total:-						

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



**SCHEDULE OF QUANTITY**

Estimated cost:-Rs. 486547/-

Earnest money:-Rs. 9800

Time allowed:-One months.

Name of work:-Restoration of rain damaged on Narkanda Thanedhar Kotgarh Bithal Road Km 0/000 to 44/000 ( SH:- Construction of PCC Retaining wall at RD, 31/620 to 31/630 , 34/600 to 34/612)

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in foundation trenches etc. earth work in lift upto 1.5 m stacking the excavated soil not more than 3m clear from the edge of the excavation and then returning the stacked soil in 15cm layers when require into plinth sides of foundation etc. consolidation each deposited layer by ramming and watering and then disposing of all surplus excavated earth as directed within a lead of 20m in pick and jumper work ( for retaining wall ) upto all leads and lifts as per directions of the Engineer-in-Charge.	21.60 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	16.92 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	97.65 m <sup>3</sup>			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	32.00 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.	11.16 m <sup>3</sup>			Per cubic metre.	
Total:-						

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

**SCHEDULE OF QUANTITY**


Estimated cost:-Rs.395316/-

Earnest money:-Rs.8000/-

Time allowed:-One months.

Name of work:-Restoration of rain damaged on Badubagain Changadhar Dadesh Banot Nallah Road Km 0/000 to 6/970( SH:- Construction of PCC Retaining wall at RD, 3/386 to 3/398 )

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.	18.36 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 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.	
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.	14.04 m3			Per cubic metre.	
Total:-						

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



### SCHEDULE OF QUANTITY

Estimated cost:-Rs./ 310184/

Earnest money:-Rs.1 6500/

Time allowed:-One month.

Name of work:-Restoration of rain damaged on Narkanda Thanedhar Kotgarh Bithal Road Km 0/000 to 44/000( SH:- Construction of PCC Retaining wall at RD, 11/015 to 11/026

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.	16.94 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.	16.72 m3			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	60.50 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.	40.00 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.	9.90 m3			Per cubic metre.	
Total:-						

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

### SCHEDULE OF QUANTITY

Estimated cost:-Rs.327404/-

Earnest money:-Rs.6600/-

Time allowed:-One months.

Name of work:-Restoration of rain damage on Oddi Khaneti Kotgarh Road Km 0/000 to 21/000( SH:- Construction of PCC Retaining wall at RD, 8/557.50 to 8/570

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.	14.06 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.	65.63 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.	33.00 Nos			Each	
4	Back filling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 Granular material including entire carriage of materials in all leads and lifts.	8.25 m3			Per cubic metre.	
Total:-						

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



### SCHEDULE OF QUANTITY


Estimated cost:-Rs./ 220920/

Earnest money:-Rs. 4500

Time allowed:-One months.

Name of work:-Restoration of rain damage on link road village Mailan Km 0/000 to 1/800( SH:- Construction of PCC Breast wall at RD, 01/275 to 01/295

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	15.60 m <sup>3</sup>			Per cubic metre.	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	45.00 m <sup>3</sup>			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204,3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	24.00 Nos			Each.	
Total:-						

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

### SCHEDULE OF QUANTITY


Estimated cost:-Rs./ 442040/

Earnest money:-Rs.1 8900/

Time allowed:-One month.

Name of work:-Restoration of rain damaged on Narkanda Thanedhar Kotgarh Bithal Road Km 0/000 to 44/000( SH:- Construction of PCC B/ wall at RD, 09/090 to 09/120

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.	70.00 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.	90.00			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.	28.00			Each.	
Total:-						

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



SCHEDULE OF QUANTITY


Estimated cost:-Rs 468180/

Earnest money:-Rs;-9500/-

Time allowed:-One months.

Name of work:-Construction of road from Dokhri Nallah to Rogha Kotgarh via Khobal Nallah Km 0/000 to 2/000( SH:- Construction of wire crate wall at RD, 0/960 to 1/000)

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.	76.00 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	180.00 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying of boulder apron laid in wire crates with 4mm dia GI wire conforming to IS:280 and IS: 4826 in 100mmx100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg. each as per drawing and technical specification Clause 1301 including entire carriage of materials in all leads and lifts.	157.50 m <sup>3</sup>			Per cubic metre.	
Total:-						

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

### SCHEDULE OF QUANTITY

Estimated cost:-Rs./ 397890/

Earnest money:-Rs.1 8000/

Time allowed:-One months.

Name of work:-Restoration of rain damage on Oddi Khaneti Kotgarh Road Km 0/000 to 21/000( SH:- Construction of PCC Retaining wall at RD, 5/560 to 5/575 & PCC Breast wall at rd 10/370 to 10/385)

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	25.42 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.	80.55 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.	34.00 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,  
H.P.F.W.D., Kumarsain.



### SCHEDULE OF QUANTITY


Estimated cost:-Rs./-453957/

Earnest money:-Rs.19100/

Time allowed:-One months.

Name of work:-Restoration of rain damaged on Narkanda Thanedhar Kotgarh Bithal road Km 0/000 to 44/000( SH:- Construction of PCCR/ wall at RD, 11/480 to 11/488 & B/ wall at Rd 14/630 to 14/642 )

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.	25.10 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	22.62 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	89.40 m <sup>3</sup>			Per cubic metre.	
4	Providing, weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	60.00 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.	10.32 m <sup>3</sup>			Per cubic metre.	
Total:-						

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

### SCHEDULE OF QUANTITY

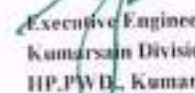
Estimated cost:-Rs./- 220920/

Earnest money:-Rs.1 4500/

Time allowed:-One months.

Name of work:-Restoration of rain damage on link to Gharal Via Nanja road Km 0/000 to 6/000( SH:- Construction of PCC Breast wall at RD, 01/130 to 01/150

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	15.60 m <sup>3</sup>			Per cubic metre.	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	45.00 m <sup>3</sup>			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	24.00 Nos			Each	
Total:-						0.00

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



### SCHEDULE OF QUANTITY

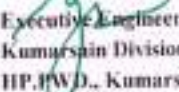
Estimated cost:-Rs./ 250063/

Earnest money:-Rs.1 5100/

Time allowed:-One months.

Name of work:-Restoration of rain damaged on link road lower Jarol Km 0/000 to 2/000( SH:- Construction of PCC Retaining wall at RD, 0/850 to 0/860)

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.	12.35 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.	12.80 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.	49.50 m3			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pic 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.	10.20 m3			Per cubic metre.	
Total:-						

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

**SCHEDULE OF QUANTITY**

Estimated cost:-Rs.451167/-

Earnest money:-Rs.9100/-

Time allowed:-One month.

Name of work:-Restoration of rain damaged on Narkanda Thanedhar Kotgarh Bithal Road Km 0/000 to 44/000( SH:- Construction of PCC Retaining wall at RD, 9/105 to 9/115, 26/450 to 26/465

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.	15.40 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	31.60 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	88.50 m <sup>3</sup>			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	46.00 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.	14.70 m <sup>3</sup>			Per cubic metre.	
	<b>Total:-</b>					

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

**SCHEDULE OF QUANTITY**

Estimated cost:-Rs 188398/

Earnest money:-Rs. 3800/

Time allowed:-One months.

Name of work:-Restoration of rain damage on link road to village Virgarh Km 0/000 to 1/000 ( SH:- Construction of PCC Retaining wall at RD, 0/510 to 0/520

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.	11.05 m <sup>3</sup>			Per cubic metre.	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	38.00 m <sup>3</sup>			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3,7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	12.00 Nos			Each.	
4	Back filling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 Granular material including entire carriage of materials in all leads and lifts.	4.30 m <sup>3</sup>			Per cubic metre.	
Total:-						



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



SCHEDULE OF QUANTITY

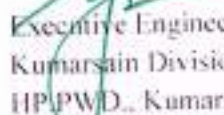
Estimated cost:-Rs.379914/-

Earnest money:-Rs.7600/-

Time allowed:-One month.

Name of work:-Construction of link road from Gharat Nallah to Machimadhwani Km.0/000 to 1/540 (SH:-C/O Wire crate Retaining wall at RD.0/525 to 0/539.40 & 0/690 to 0/706.80).

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.	32.26 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	20.74 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying of boulder apron laid in wire crates with 4mm dia GI wire conforming to IS:280 and IS: 4826 in 100mm x100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg. each as per drawing and technical specification Clause 1301 including entire carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge.	134.79 m <sup>3</sup>			Per cubic metre.	
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.	19.44 Cum			Per cubic metre.	
Total:-						

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

# SCHEDULE OF QUANTITY

Estimated cost:-Rs.482993/-

Earnest money:-Rs.97000/-

Time allowed:-One month.

Name of work:-Construction of link road from Aur to Kalmu Galani Km.0/000 to 2/300 (SH:-C/O PCC Breast wall at RD.0/230 to 0/240, 1/635 to 1/645 & Wire crate Breast wall at RD.0/340 to 0/352).

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.	42.68 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	21.70 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying concrete for plain reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	78.90 m <sup>3</sup>			Per cubic metre.	
4	Providing weapholes in brick masonry stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	40 Nos			Each.	
5	Providing and laying of boulder apron laid in wire crates with 4mm dia GI wire conforming to IS:280 and IS: 4826 in 100mm x100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg. each as per drawing and technical specification Clause 1301 including entire carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge.	34.56 m <sup>3</sup>			Per cubic metre.	
Total:-						

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



### SCHEDULE OF QUANTITY

Estimated cost:-Rs.427874/-

Earnest money:-Rs.8600/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Kumarsain Sharambal Camp road Km.0/000 to 2/400 (SH:-C/O PCC Retaining wall at RD.0/630 to 0/638, 0/755 to 0/762 & 1/775 to 1/789).

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 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	18.80 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying concrete for plain reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	82.18 m <sup>3</sup>			Per cubic metre.	
4	Providing weapholes in brick masonry stone masonry plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614.709.1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	53 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.	21.72 Cum			Per cubic metre.	
Total:-						

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



### SCHEDULE OF QUANTITY

Estimated cost:-Rs.487898/-

Earnest money:-Rs.9800/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Baragaon Machinkhad road Km.0/000 to 21/500 (SH:-C/O PCC Retaining wall at RD.18/650 to 18/655 & 19/860 to 19/875).

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.	33.00 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	13.20 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying concrete for plain reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	96.45 m <sup>3</sup>			Per cubic metre.	
4	Providing weapholes in brick masonry stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614.709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	60 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.	12.15 Cum			Per cubic metre.	
Total:-						

  
Executive Engineer,  
Kumarsain Division,  
HP PWD, Kumarsain.

### SCHEDULE OF QUANTITY

Estimated cost:-Rs.388663/-

Earnest money:-Rs.7800/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on link road to village Chellan Km.0/000 to 1/185 (SH:-C/O PCC Retaining wall at RD.0/130 to 0/135 & 0/160 to 0/170).

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	18.60 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	6.60 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying concrete for plain reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	77.25 m <sup>3</sup>			Per cubic metre.	
4	Providing weapholes in brick masonry stone masonry plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (vt.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.	35 Nos			Each.	
5	Back filling behind abutment, retaling wall breast wall including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge	13.20 Cum			Per cubic metre.	
Total:-						

  
Executive Engineer,  
Kumarsain Division,  
HP, PW D., Kumarsain.



# SCHEDULE OF QUANTITY

Estimated cost:-Rs.291835/-

Earnest money:-Rs.5900/-

Time allowed:-Three months.

Name of work:-A/R & M/O on Oddi Kingal road Km.0/000 to 21/405(SH:-Construction of P.C.C Retaining wall at RD.8/915 to 8/920, 9/360 to 9/365 & 13/530 to 13/540).

S. No.	Sub-Head items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in full 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.	20.05 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	13.95 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	57.20 m <sup>3</sup>			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe extending through the full width of the structures with slope 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.	7.05 Cum			Per cubic metre.	
Total:-						

  
Executive Engineer,  
Kumarsain Division,  
MP.DWD., Kumarsain.

### SCHEDULE OF QUANTITY


Estimated cost:-Rs.481401/-

Earnest money:-Rs.9700/-

Time allowed:-Three months.

Name of work:-Restoration of rain damages on Oddi Kingal road Km.0/000 to 21/405(S11:-Construction of P.C.C Retaining wall at RD.10/705 to 10/745).

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.	35.95 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-charge.	13.40 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	95.65 m <sup>3</sup>			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	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.	13.50 Cum			Per cubic metre.	
Total:-						

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



### SCHEDULE OF QUANTITY


Estimated cost:-Rs.397295/-

Earnest money:-Rs.8000/-

Time allowed:-Three months.

Name of work:-Restoration of rain damages on Oddi Kingal road Km.0/000 to 21/405(SH:-Construction of P.C.C Retaining wall at RD.8/250 to 8/262).

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.	31.36 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	16.20 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying concrete for plain reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	79.68 m <sup>3</sup>			Per cubic metre.	
4	Providing weapholes in brick masonry stone masonry plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3,7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	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.	5.04 Cum			Per cubic metre.	
Total:-						

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

### SCHEDULE OF QUANTITY


Estimated cost:-Rs.239059/-

Earnest money:-Rs.4800/-

Time allowed:-Two months.

Name of work:-Restoration of rain damages on Oddi Kingal road Km.0/000 to 21/405(SH:-Construction of P.C.C Retaining wall at RD.4/120 to 4/134.50).

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.	18.27 m <sup>3</sup>			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	10.44 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying concrete for plain reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	47.27 m <sup>3</sup>			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	28 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.	4.79 Cum			Per cubic metre.	
Total:-						

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



SCHEDULE OF QUANTITY

Estimated cost:-Rs.331770/-

Earnest money:-Rs.6700/-

Time allowed:-Two months.

Name of work:-Construction of link road to Ropri Bridge Km.0/000 to 1/135 (SH:-Construction of P.C.C Breast wall at RD.0/300 to 0/330).

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.	36.00 m <sup>3</sup>			Per cubic metre.	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	67.50 m <sup>3</sup>			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3,7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	24 Nos.			Each.	
	<b>Total:-</b>					

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

**SCHEDULE OF QUANTITY**

Estimated Cost:-Rs.215747/-

Earnest money:-Rs.4350/-

Time allowed:- Two months.

Name of work:-Special repair to exiting building of Patwar Kahana at Malendi Tehsil Kumarsain Distt. Shimla HP(SH:-Providing and laying tile flooring, Plastering, Painting, Distempering and Sanitary installation etc.).

Sr 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 material in ordinary soil upto all leads and lifts as per directions of the Engineer-in-Charge.	7.17 m <sup>3</sup>			Per cubic metre.	
2	Stone soling properly hand packed filling interstices with Kharanja stone and consolidating with power road roller to the required gradient and camber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD specification 100mm spread thickness (finished work including materials and labour) including including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	4.78 m <sup>3</sup>			Per cubic metre.	
3	Providing and laying cement concrete 1:4:8 (1 cement:4 sand:8 graded stone aggregate 40mm nominal size) and curing complete excluding cost of form work in: Foundation and plinth including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	1.79 m <sup>3</sup>			Per cubic metre.	



4	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.5 kg/ sqm including grouting the joints with white cement and matching pigments etc., 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.	47.08 m <sup>2</sup>			Per square metre.	
5	White glazed tiles 6 mm thick in skirting risers of steps and dado 12 mm thick cement mortar 1:3 (1 cement :3 sand) and jointed with cement slurry including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	17.88 m <sup>2</sup>			Per square metre.	
6	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required 0.63 mm thick with zinc coating not less than 275 gm/ m <sup>2</sup> including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	10.44 m <sup>2</sup>			Per square metre.	
7	15 mm cement plaster on the rough side of single or half brick wall of mix 1:6 (1 cement: 6 fine sand) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	85.46 m <sup>2</sup>			Per square metre.	
8	Providing and applying white cement-based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	148.32 m <sup>2</sup>			Per square metre.	

9	Distemping with 1st quality acrylic distemper (Ready mix) having VOC content less than 50 grams/ litre of approved brand and manufacture to give an even shade :Old work (one or more coats) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	148.32 m2			Per square metre.	
10	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	95.48 m2			Per square metre.	
11	Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :New work (two or more coats) including a coat of approved steel primer but excluding a coat of mordant solution including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	125.27 m2			Per square metre.	
12	Providing and fixing vitreous China wash down, water closet Angle Indian Universal closet of Hindware (European type, W.C. pan) Cat No.20049 of Hindware or its Equivalent with integral 'P' or 'S' trap including jointing the trap with soil pipe in cement mortar 1:1(1 cement : 1 sand) 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 Nos.			Each.	
13	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps 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 Nos.			Each.	



14	Providing and fixing 600mm x 450 mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. Sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers 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 Nos.			Each.	
15	Providing and fixing C.P. brass bib tap with capstan head 15mm dia including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	2 Nos.			Each.	
16	Providing and fixing C.P. brass angle valve 15mm without Nuts and pipe including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	4 Nos.			Each.	
17	Providing and fixing Polyethelene-Aluminium-Polyethelene PE-AL-PE Composite Pressure Pipes conforming to IS - 15450. U.V. stabilized with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etc., with clamps at 1.00 metre spacing. This includes testing of joints complete as per direction of the Engineer-in-charge 1216 (16 mm OD) pipe including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	16.94 Rmt.			Per running metre.	
18	Providing and fixing uplasticised PVC connection pipe with brass unions :15 mm nominal bore 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 Nos.			Each.	
19	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. 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.					

i	150 mm dia.	12 Rmt.			Per running metre.	
ii	110 mm dia.	12 Rmt.			Per running metre.	
20	Providing and fixing PVC door bend with oval access door, insertion rubber washer 3 mm thick bolts and nuts ISI marked complete 150 mm dia including fixing with approved adhesive etc. 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.	2 Nos.			Each.	
21	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete 100 mm dia including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	2 Nos.			Each.	
22	Providing and fixing PIMI jet spray of approved quality and colour with one metre tube 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 Nos.			Each.	
23	Providing and fixing PIMI grating round of approved quality and colour 100 mm nominal dia including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	4 Nos.			Each.	
	<b>G.Total:-</b>					

  
 Executive Engineer,  
 Kumarsain Division,  
 HPJWD., Kumarsain.