



**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

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

No. PW-KMS-AB-NIT/2021-
To

9903-05

Dated: - 06/12/2021


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

Subject: -

Publication of Tender Notice

Enclosed please find herewith the tender of works as given in the Notice Inviting tender for uploading on department website as per notification Pr. Secy. (PW) to the Govt. of Himachal Pradesh letter No. PBW(B)1/2020 dated 16.07.2021 as the works mentioned in the tender notice are urgent in nature and public interest.

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

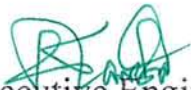

Executive Engineer,
Kumarsain Division,
HPPWD Kumarsain

Copy to the Superintending Engineer, 1st Circle, HP.PWD.,
Rampur Bsr. for information please.
Copy to Drawing Branch in this office.

Executive Engineer,
Kumarsain Division,
HPPWD Kumarsain

CERTIFICATE

**CERTIFIED THAT THE TENDERS OF WORKS,
AS CALLED VIDE THIS OFFICE LETTER NO. PW-KMS- AB-NIT/
2021-22- 9906-56 DATED 06-12-2021 ARE URGENT NATURE
AND PUBLIC INSTREST.**


Executive Engineer,
Kumarsain Division,
HPPWD, Kumarsain

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT
NOTICE INVITING TENDER**

Sealed item/percentage rate tenders are hereby invited by the Executive Engineer, Kumarsain Division, and HP.PWD. Kumarsain from the experienced contractors enlisted with PWD for B&R works, so as to reach in this office on or before **14.12.2021** 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 **13.12.2021** up to **5:00 PM**. The tender form can be had from his office against cash payment (Non-refundable) on **14.12.2021** 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 :-** Restoration of Snow damages on various roads under Thanedhar Section (SH:- Supplying and stacking of crusher sand at various roads under Thanedhar Section). Estimated Cost:- 1,20,000/- Earnest Money:- 2400/- Time allowed:- One Month.
2. **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. 14/250 to 14/256). Estimated Cost:- 1,08,770/- Earnest Money:- 2200/- Time allowed:- One Month.
3. **Name of Work:-** Construction of Kachinghatti to Nag road Km. 0/000 to 1/720 (SH:- C/O Wire crate Retaining Wall at Rd. 1/567 to 1/579 & 1/591 to 1/619.80). Estimated Cost: 3,43,740/- Earnest Money -6900/- Time allowed: - One Month.
4. **Name of Work:-** R/O R/D on Kumarsain Pharal Road Km. 0/000 to 7/645 (SH:- C/O P.C.C. Breast Wall at Rd. 0/935 to 0/955). Estimated Cost:- 3,37,510/- Earnest Money:- 6800/- Time allowed:- Two Months.
5. **Name of Work :-** R/O R/D on Kholvi Kanchi to Bhadewag road Km. 0/000 to 2/990 (SH:- Construction of P.C.C. Breast Wall at Rd. 0/060 to 0/090). Estimated Cost:- 4,38,226/- Earnest Money:- 8800/- Time allowed:- One Month.
6. **Name of Work :-** R/O R/D on Kholvi Kanchi to Bhadewag road Km. 0/000 to 2/990 (SH:- Construction of P.C.C. Breast Wall at Rd. 0/092 to 0/122). Estimated Cost:- 4,38,226/- Earnest Money:- 8800/- Time allowed:- One Month.
7. **Name of Work:-** R/O R/D on Narkanda Thanedhar Road Km. 0/000 to 17/000 (SH:- Construction of P.C.C. Retaining Wall at Rd. 2/180 to 2/188). Estimated Cost:- 4,70,687/- Earnest Money:- 9500/- Time allowed:- One Month.
8. **Name of Work:-** R/O R/D on Narkanda Thanedhar Road Km. 0/000 to 17/000 (SH:- Construction of P.C.C. Retaining Wall at Rd. 4/330 to 4/339). Estimated Cost:- 4,04,599/- Earnest Money:- 8,100/- Time allowed:- Two Months.
9. **Name of Work:-** R/O R/D on Narkanda Thanedhar Road Km. 0/000 to 17/000 (SH:- Construction of Wire Crate Breast Wall at Rd. 1/120 to 1/150). Estimated Cost:- 3,00,796/- Earnest Money:- 6100/- Time allowed:- One Month.
10. **Name of Work:-** A/R & M/O on C.H.C. Building at Baragaon (SH:- Providing and fixing P.V.C. water storage tank, 15mm dia G.I. Fitting & Providing and erecting steel structure stand for water storage tank). Estimated Cost: - 4,83,346/- Earnest Money -9700/- Time allowed: - One Month.
11. **Name of Work:-** R/O R/D on Ahar to Barthanighatti road Km. 0/000 to 3/555 (SH:- Construction of P.C.C. Breast Wall at Rd. 1/945 to 1/976). Estimated Cost: - 4,46,600/- Earnest Money:- 9000/- Time allowed:- One Month.
12. **Name of Work:-** R/O R/D on Lauga Badubagain Changadhar Dadesh Banot Nallah road Km. 0/000 to 6/970 (SH:- Construction of Wire Crate Retaining Wall at Rd. 5/605 to 5/627 & Breast Wall at Rd. 5/570 to 5/590). Estimated Cost: - 4,97,981/- Earnest Money:- 10,000/- Time allowed:- One Month.
13. **Name of Work:-** Construction of Kainthalghatti to Gugvi upto Dassudhar road Km. 0/000 to 5/930 (SH:- Construction of Wire Crate Retaining Walls for dumping at Rd. 3/963 to 3/984.60, 3/985 to 4/004.20 and P.C.C. Breast Wall at Rd. 4/705 to 4/717). Estimated Cost: - 4,58,407/- Earnest Money:- 9200/- Time allowed:- One Month.
14. **Name of Work:-** A/R & M/O on A.E. Residence building at Thanedhar (SH:- Construction of Porch & Tile work). Estimated Cost: - 2,41,333/- Earnest Money:- 4900/- Time allowed:- One Month.
15. **Name of Work:-** Construction of Sub-Tehsil Building at Kotgarh (SH:- Providing steel work railing in front of building). Estimated Cost: - 1,33,446/- Earnest Money:- 2700/- Time allowed:- One Month.
16. **Name of Work:-** A/R & M/O on J.E. office cum Residence building at Kangal (SH:- Providing and laying Tile Flooring, Sanitary works, Distemping and painting etc.). Estimated Cost: - 1,28,275/- Earnest Money:- 2600/- Time allowed:- One Month.
17. **Name of Work:-** R/O R/D on Dudhidhar to Dakolu Km. 0/000 to 5/435 (SH:- Construction of wire crates protection Retaining Wall at dawn stream side between Rd. 2/135 to 2/163.80). Estimated Cost: - 3,33,668/- Earnest Money:- 6700/- Time allowed:- One Month.
18. **Name of Work:-** R/O R/D on Ahar to Barthanighatti road Km. 0/000 to 3/555 (SH:- Construction of wire crate Breast Wall at Rd. 1/981.40 to 1/991 & 2/026 to 2/035.60). Estimated Cost: - 3,50,834/- Earnest Money:- 7100/- Time allowed:- One Month.
19. **Name of Work:-** A/R & M/O on Lauga Shathla Road Km. 0/000 to 2/ (SH:- Maintenance of road side drain & Trimming of Grass & weeds etc.). (2) A/R & M/O on Link road to Village Bahli Km. 0/000 to 2/000 (SH:-

- Maintenance of road side drain & Trimming of Grass & weeds etc.). (3) A/R & M/O on Chacholi Kharola Road Km. 0/000 to 1/000 (SH:- Maintenance of road side drain & Trimming of Grass & weeds etc.). (4) A/R & M/O on Khalwan to Bankoti via Saroga road Km. 0/000 to 3/900 (SH:- Maintenance of road side drain & Trimming of Grass & weeds etc.). (5) A/R & M/O Upper Shathla to Lower Shathla Road Km. 0/000 to 1/000 (SH:- Maintenance of road side drain & Trimming of Grass & weeds etc.). (6) A/R & M/O on Phalely Lauga Road Km. 0/000 to 0/500 (SH:- Maintenance of road side drain & Trimming of Grass & weeds etc.). Estimated Cost.1,50,120/- Earnest Money:- 3100/- Time allowed: -One Month.
20. **Name of Work:-** Improvement of Geometrics on Tippri to Dhinguli via Chiya Khaltu Harabag Shantibag in G.P. Zar Km. 0/000 to 3/855 (SH:- Removal of formation deficiency at RD. 0/330 to 0/435 & 0/480 to 0/570). Estimated Cost: - 4,89,360/- Earnest Money:- 9800/- Time allowed: -Two Months
 21. **Name of Work:-** Improvement of Geometrics on Tippri to Dhinguli via Chiya Khaltu Harabag Shantibag in G.P. Zar Km. 0/000 to 3/855 (SH:- Removal of formation deficiency at RD. 0/570 to 0/675). Estimated Cost: -3,72,141/- Earnest Money:- 7500/- Time allowed: -Two Months
 22. **Name of Work:-** A/R & M/O on various roads under Kumarsain Sub-Division (SH:-Supplying and fixing of all direction retro-reflective round delineators). Estimated Cost.2,64,985/- Earnest Money:- 5300/- Time allowed: -One Month.
 23. **Name of Work:-**A/R & M/O on various roads under Thanedhar Sub-Division (SH:-Supplying and fixing of all direction retro-reflective round delineators).Estimated Cost.3,48,266/-Earnest Money:-7000/-Time allowed:-One Month.
 24. **Name of Work:-** Improvement of black spot on Barogi Khaltudhar road Km. 0/000 to 3/045 (SH:- Providing and Fixing of W-Metal Beam Crash Barrier Railing at Rd. 0/040 to 0/072, 0/206 to 0/230, 0/260 to 0/280 & 0/335 to 0/405). Estimated Cost: -4,87,459/- Earnest Money:- 9800/- Time allowed: -One Month.
 25. **Name of Work :-** R/O R/D on Upper Shathla to Lower Shathla road Km. 0/000 to 1/000 (SH:- C/O PCC Retaining Wall at RD. 0/285 to 0/300 & C/O Breast Wall at RD. 0/295 to 0/305, 0/950 to 0/962). Estimated Cost.4,43,048/- Earnest Money:- 8900/- Time allowed: -One Month.
 26. **Name of Work :-** R/O R/D on Oddi Khaneti Kotgarh road Km. 0/000 to 21/000 (SH:- C/O PCC Retaining Wall at RD. 9/223 to 9/240). Estimated Cost.4,94,989/- Earnest Money:- 9900/- Time allowed: -One Month.
 27. **Name of Work :-** Construction of Rain Shelter ar Sanaogi (Bal) (SH:- Foundation work Masonary work, R.C.C. Slab & flooring etc). Estimated Cost.3,64,508/- Earnest Money:- 7300/- Time allowed: -One Month.
 28. **Name of Work :-** R/O R/D on Jhamol Nallah to Dhar road Km. 0/000 to 2/375). (SH:- C/Owire Crates retaining wall at RD. 1/525 to 1/553.80). Estimated Cost.2,28,621/- Earnest Money:- 4600/- Time allowed: -Two Months.
 29. **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. 3/900 to 3/910 & 4/645 to 4/654). Estimated Cost.4,83,436/- Earnest Money:- 9700/- Time allowed: -One Month.
 30. **Name of Work :-** R/O R/D on Jogsha Kumarsain road Km. 0/000 to 2/400 (SH:- C/O PCC Retaining Wall at RD. 1/540 to 1/550). Estimated Cost.1,71,018/- Earnest Money:- 3500/- Time allowed: -One Month.
 31. **Name of Work :-** R/O R/D on Oddi Kingal road Km. 0/000 to 21/4050 (SH:- C/O PCC Breast Wall at RD. 16/533 to 16/545). Estimated Cost.2,01,638/- Earnest Money:- 4000/- Time allowed: -One Month.
 32. **Name of Work :-** Restoration of Snow/Slips damages on various roads under Thanedhar Section (SH:- Hiring of JCB for removal of snow/slips at various roads under Thanedhar Section). Estimated Cost:- 1,65,125/- Earnest Money:- 3400/- Time allowed: -One Month
 33. **Name of Work:-** Restoration of Snow damages on various roads under Tikker Section (SH:- Supplying and stacking of crusher sand at various roads under Tikker Section). Estimated Cost:- 1,20,000/- Earnest Money:- 2400/- Time allowed: -One Month.
 34. **Name of Work:-** Restoration of Snow damages on various roads under Narkanda Section (SH:- Supplying and stacking of crusher sand at various roads under Narkanda Section). Estimated Cost:- 1,80,000/- Earnest Money:- 3600/- Time allowed: -One Month.
 35. **Name of Work:-** Construction of link road from Khaneri to Balgar Km. 0/000 to 1/300 (SH:- Formation Cutting 5/7 Mtrs wide road in Km. 0/000 to 0/375). Estimated Cost:- 4,96,543/- Earnest Money:- 10,000/- Time allowed: -Two Months.
 36. **Name of Work:-** Construction of link road from Rehashwa Banka Jubber Km. 0/000 to 1/110 (SH:- Formation Cutting 5/7 Mtrs wide road in Km. 0/255 to 0/495). Estimated Cost:- 4,91,157/- Earnest Money:- 99,000/- Time allowed: -Two Months.
 37. **Name of Work:-** Construction of Kainthalghati to Hatiya Via Proad Mandir Km. 0/000 to 2/500 (SH:- Construction of Wire Crates Retaining wall at RD. 1/840 to 1/870). Estimated Cost:- 4,61,327/- Earnest Money:- 9300/- Time allowed: -Two Months.
 38. **Name of Work:-** Construction of Kainthalghati to Hatiya Via Proad Mandir Km. 0/000 to 2/500 (SH:- Construction of Wire Crates Retaining wall at RD. 1/215 to 1/255.80). Estimated Cost:- 4,70,105/- Earnest Money:- 9500/- Time allowed: -Two Months.
 39. **Name of Work:-** Construction of link road from Tipri to Dhinguli Via Chiya Khaltubag Harabag Shantibag Km. 0/000 to 3/840 (SH:- Formation Cutting 5/7 Mtrs wide road in Km. 3/510 to 3/840). Estimated Cost:- 4,97,362/- Earnest Money:- 10,000/- Time allowed: -Two Months.
 40. **Name of Work:-** Construction of Barthanighatti to Thaya Bajwa road Km. 0/000 to 1/765 (SH:- Construction of P.C.C. Retaining Wall at RD. 0/488 to 0/513 & Breast Wall at RD. 0/375 to 0/589.20). Estimated Cost:- 4,39,276/- Earnest Money:- 8800/- Time allowed: -One Month.

41. **Name of Work:-** R/O R/D on Narkanda Thanedhar Kotgarh Bithal Road Km. 0/000 to 44/000 (SH:- Construction of P.C.C. Retaining Wall at RD. 14/700 to 14/710, 15/210 to 15/225 & 16/700 to 16/710). Estimated Cost:- 4,94,805/- Earnest Money:- 9900/- Time allowed:- -One Month.
42. **Name of Work:-** A/R & M/O on Kumarsain Pharal road Km. 0/000 to 7/165 (SH:- Patch work between Km. 4/500 to 6/500). Estimated Cost:- 4,99,241/- Earnest Money:- 10,000/- Time allowed:- -Three Months.
43. **Name of Work:-** Restoration of Snow damages on various roads under Kotgarh Section (SH:- Supplying and stacking of crusher sand at various roads under Kotgarh Section). Estimated Cost:- 1,20,000/- Earnest Money:- 2400/- Time allowed:- -One Month.
44. **Name of Work:-** Restoration of Snow/Slips damages on various roads under Kotgarh Section (SH:- Hiring of JCB for removal of snow/slips at various roads under Kotgarh Section). Estimated Cost:- 1,65,125/- Earnest Money:- 3400/- Time allowed:- -One Month.
45. **Name of Work:-** R/O R/D on Pharboona Pauchi Km. 0/000 to 3/900 (SH:- Construction of Wire Crates Retaining Wall at RD. 3/075 to 3/090 & 3/105 to 3/125). Estimated Cost:- 2,81,133/- Earnest Money:- 5700/- Time allowed:- -One Month.
46. **Name of Work:-** R/O R/D on Nog Kirti Road Km. 0/000 to 9/165 (SH:- Construction of Wire Crates Retaining Wall at RD. 0/110 to 0/120). Estimated Cost:- 3,81,140/- Earnest Money:- 7700/- Time allowed:- -One Month.
47. **Name of Work:-** Restoration of Snow/Rain damages on various roads under Narkanda Section (SH:- Hiring of JCB for removal of Snow/Slips at various RDs under Narkanda Section). Estimated Cost:- 1,98,150/- Earnest Money:- 4000/- Time allowed:- -One Month.
48. **Name of Work:-** Restoration of Snow/Slips damages on various roads under Tikker Section (SH:- Hiring of JCB for removal of snow/slips at various roads under Tikker Section). Estimated Cost:- 1,65,125/- Earnest Money:- 3400/- Time allowed:- -One Month.
49. **Name of Work:-** A/R & M/O Residential staff Quarter Near PNB Kumarsain (SH:- C/O Parking & providing and Fixing Gate). Estimated Cost:- 4,73,940/- Earnest Money:- 9500/- Time allowed:- -One Month.
50. **Name of Work:-** A/R & M/O Circuit House Building at Narkanda (SH:- Providing and laying wood in dining hall). Estimated Cost:- 1,82,475/- Earnest Money:- 3700/- Time allowed:- -One Month.
51. **Name of Work:-** A/R & M/O Pharidhar to Jubber via Dharlu village Km. 0/000 to 1/000 (SH:- Construction of PCC Retaining Wall at RD. 0/250 to 0/268 with Crash Barrier Railing P.C.C. R/Wall at RD. 0/470 to 0/478 & C/O Breast Wall at Rd. 0/825 to 0/840). Estimated Cost:- 4,91,082/- Earnest Money:- 9900/- Time allowed:- -One Month.
52. **Name of Work:-** A/R & M/O A.E. Residence building at Thanedhar (SH:- Providing and fixing cup board and flooring work) Estimated Cost:- 1,42,741/- Earnest Money:- 2900/- Time allowed:- -One Month.
53. **Name of Work:-** Improvement of Black spot on various roads under Thanedhar Sub-Division (SH:- Providing Crash Barrier W-Beam Indicator Gaurd) Estimated Cost:- 4,61,925/- Earnest Money:- 9400/- Time allowed:- -One Month.
54. **Name of Work:-** Improvement of Black spot on various roads under Kumarsain Sub-Division (SH:- Providing Crash Barrier W-Beam Indicator Gaurd) Estimated Cost:- 4,61,925/- Earnest Money:- 9400/- Time allowed:- -One Month.
55. **Name of Work :-** R/O R/D on Kholvi Kanchi to Bhadewag road Km. 0/000 to 2/990 (SH:- Construction of P.C.C. Breast Wall at RD. 0/840 to 0/873). Estimated Cost:- 4,51,739/- Earnest Money:- 9100/- Time allowed:- -One Month.
56. **Name of Work :-** R/O R/D on Kainthalghatt to Ghugvi upto Dasvidhar road Km. 0/000 to 5/930 (SH: C/O P.C.C. Breast Wall at RD. 4/605 to 4/620). Estimated Cost:- 2,68,638/- Earnest Money:- 5400/- Time allowed:- -One Month.
57. **Name of Work :-** Improvement of link Road from Bhanana to Serti Km. 0/000 to 3/665 (SH:- C/O P.C.C. Retaining Wall at RD. 2/800 to 2/820). Estimated Cost:- 4,14,469/- Earnest Money:- 8300/- Time allowed:- -One Month.

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 30% below only otherwise the tenders will be rejected.

No.PW-KMS-AB-NIT/2020-21

9946-56
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

Dated: 06/12/2019

Executive Engineer,
Kumarsain Division,
HP.PWD, Kumarsain

SCHEDULE OF QUANTITY


Estimated cost:-Rs.451739/-

Earnest money:-Rs.9100/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Kholvi Kenchi to Bharwag road Km.0/000 to 2/990 (SH:-C/O P.C.C Breast wall at RD.0/840 to 0/873).

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.	34.32 m ³			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	19.80 m ³			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.	88.44 m ³			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.	56 Nos			Each.	
Total:-						


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

SCHEDULE OF QUANTITY


Estimated cost:-Rs.414469/-

Earnest money:-Rs.8300/-

Time allowed:-One month.

Name of work:-Improvement of link road from Bhanana to Serthi Km.0/000 to 3/665 (SH:-Construction of P.C.C Retaining wall at RD.0/800 to 0/820).

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.	13.44 m ³			Per cubic metre.	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	81.00 m ³			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.	45 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.	3.03 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.473940/-

Earnest money:-Rs.9500/-

Time allowed:-One month.

Name of work:-A/R & M/O Residential Staff Quarter Near PNB Kumarsain (SH:-Construction of Parking, Providing and fixing Gate).

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.	269.43 m ³			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.	82.70 m ³			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.	64 Nos			Each.	
4	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including entire carriage of materials in all leads and lifts.	165.00 Kg.			Per Kilogramme.	
5	Providing and fixing ISI marked, IS : 1341, M.S. heavy weight butt hinges with necessary screws etc. complete 125x90x4.00 mm including entire carriage of materials in all leads and lifts.	4 Nos.			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.182475/-
Earnest money:-Rs.3700/-
Time allowed:-One month.

Name of work:-A/R & M/O Circuit House Building at Narkanda (SH:-Providing and laying Wood work in Dining hall).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc. Sal wood including entire carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge.	1.157 m ³			Per cubic metre.	
2	25 mm wooden planking, tongued and grooved in flooring, including fixing with iron screws complete with Second class deodar wood including entire carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge.	28.05 m ²			Per square metre.	
3	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick Particle Board 12 mm thick Plain particle board flat pressed, 3 layer or graded wood particle board medium density Grade I, IS : 3087 marked including entire carriage of materials in all leads and lifts.	1.51 m ²			Per square metre.	
4	Painting with oil type wood preservative of approved brand and manufacture New work (two or more coats) including entire carriage of materials in all leads and lifts.	28.05 m ²			Per square metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.491082/-


Earnest money:-Rs.9900/-

Time allowed:-One month.

Name of work:-A/R & M/O on Pharidhar to Jubber to via Dharlu village Km.0/000 to 1/000(SH:-C)Construction of P.C.C. Retaining wall at RD.0/250 to 0/268 with crash barrier railing, P.C.C R/wall at RD. 0/470 to 0/478 & C/O Breast wall at RD.0/825 to 0/840).

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.	26.66 m ³			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	11.05 m ³			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	83.19 m ³			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 stop 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.	35 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 ³			Per cubic metre.	

6.	Providing and erecting a "W" metal beam crash barrier comprising of 3mm thick corrugated sheet metal rail 70 cm. above road/ground level fixed on ISMC series channel vertical post 150X75x5 mm spaced 2m center to center. 1.8 m high. 1.1 m below ground/road level, all steel part and fittings to be galvanised by hot dip process, all fitting to conforms to IS: 1367 and IS: 1364 metal beam rail to be fixed on the vertical post with a spacer of channel section 150X75x5mm.330mm long complete as per clause 810 including entire carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge.	18.00 Rmt.			Per running metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated Cost:-Rs.142741/-

Earnest money:-2900/-

Time allowed:-One month.

Name of work:-A/R & M/O A.E Residence building at Thanedhar (SH:-Providing and fixing cup board and flooring work).						
S.No.	Sub-Head/Items of work.	Quantity.	Rates.		Unit.	Amount.
			In Fig.	In Words.		
1	2	3	4	5	6	7
1	Providing and fixing Pre-laminated flat pressed 3 layer (medium density) particle board or graded wood particle board IS : 3087 marked. with one side decorative and other side balancing lamination Grade I. Type II exterior grade IS : 12823 marked. in shelves with screws and fittings wherever required. edges to be painted with polyurethane primer (fittings to be paid separately) 18 mm thick including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	19.92 m2			Per square metre.	
2	Providing M.S. Piano hinges ISI marked IS : 3818 finished with nickel plating and fixing with necessary screws etc., complete Overall width 35 mm including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	17.20 Rmt.			Per running metre.	
3	Providing and fixing bright finished brass handles with screws etc. complete including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.					
(a)	125mm.	14 Nos.			Each.	
(b)	100 mm	16 Nos.			Each.	
4	Providing and fixing special quality bright finished brass cupboard or ward robe locks with four levers of approved quality including necessary screws etc. complete 50 mm including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	2 Nos.			Each.	

5	Providing and fixing sliding arrangement in racks/ cupboards/cabinets shutter by with stainless steel rollers to run inside C or E aluminium channel section (The payment of C or E channel shall be made separately) including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	12 Nos.			Each.	
6	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality:-1.50mm thick including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	57.84 m2			Per square metre.	
7	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	22.60 m2			Per square metre.	
8	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes 110 mm diameter including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	12.00 Rmt.			Per running metre.	
9	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion:-including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.					
(A)	Single tee without door					
(i)	110x110x110 mm	5 Nos.			Each.	
(ii)	75x75x75 mm	5 Nos.			Each.	
(B)	Bend 87.5°					

(i)	110 mm bend	5 Nos.			Each.	
(ii)	75 mm bend	4 Nos.			Each.	
(C)	Shoe (Plain)					
(i)	110 mm Shoe	4 Nos.			Each.	
(ii)	75 mm Shoe	2 Nos.			Each.	
10	Providing & fixing 11V stabilised fiberglass reinforced plastic sheet roofing up to any pitch. including fixing with polymer coated 'J' or 'L' hooks, bolts & nuts 8mm dia. G.I plain/bitumen washers complete but excluding the cost of purlins, rafters, trusses etc. The sheets shall be manufactured out of 2400 TEX panel rovgis incorporating minimum 0.3% ultra-violet stabiliser in resin system under approximately 2400 psi and hot cured. They shall be of uniform pigmentation and thickness without air pockets and shall conform to IS 10192 and IS 12866. The sheets shall be opaque or translucent, clear or pigmented, textured or smooth as specified 2 mm thick flat including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	16.00 m ²			Per square metre.	
11	Providing and fixing M.S. holder bat clamps of approved design to C.I. or S.C.I. rain water pipes embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and cost of cutting holes and making good the walls etc. 150 mm diameter including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	10 Nos.			Each.	
12	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc. Sal wood including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	0.12 m ³			Per cubic metre.	
13	Cutting holes of required size in brick masonry wall for fixing of exhaust fan including providing and fixing 300 mm dia PVC pipe conforming BIS 12818 and making good the same etc. complete including entire carriage of materials in all leads and lifts as per direction of Engineer-in-charge.	2 Nos.			Each.	

14	Providing & fixing White vitreous china water closet squatting pan (Indian type) along with "S" or "P" trap including dismantling of old WC seat and "S" or "P" trap at site complete with all operations including all necessary materials, labour and disposal of dismantled material i/c malba, all complete as per the direction of Engineer-in charge:- Orissa pattern W.C Pan of size 580x440mm including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	1 No.			Each.	
15	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 0.80 mm thick with zinc coating not less than 275 gm/m ² including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	9.00 m2			Per square metre.	
16	Providing ridges or hips of width 60 cm overall width plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete 0.80 mm thick with zinc coating not less than 275 gm/m ² including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	6.00 Rmt.			Per running metre.	
17	Dispenpering with oil bound washable distemper of approved brand and manufacture to give an even shade New work (two or more coats) over and including water thinnable priming coat with cement primer including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	21.00 m2			Per square metre.	
18	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	13.14 m2			Per square metre.	

19	Providing and fixing wash basin with C.I. brackets 15mm PTMT pillar cock. 32 mm PTMT waste coupling of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required. White Vitreous China Flat back wash basin size 550X400 mm with single 15 mm PTMT pillar cock including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	1 No.				Each.	
20	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	1 No.				Each.	
21	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete 10 litre capacity - White including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	1 No.				Each.	
22	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge including entire carriage of materials in all leads and lifts.	1 No.				Each.	
23	Providing and fixing G.I. inlet connection for flush pipe connecting with W.C. pan including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	1 No.				Each.	
24	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete 32 mm dia including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	1 No.				Each.	
25	Providing and fixing 100 mm sand cast Iron grating for gully trap including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	4 Nos.				Each.	

26	Providing and fixing 600x450mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	1 No.			Each.	
27	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931:- 15 mm nominal bore including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	1 No.			Each.	
28	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931:- 15 mm nominal bore including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	2 Nos.			Each.	
29	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931:- 15mm nominal bore including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	2 Nos.			Each.	
30	Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws, including excavation, refilling the earth or cutting of wall and making good the same complete wherever required 15 mm nominal bore including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	5 Nos.			Each.	
31	Providing and fixing uplasticised PVC connection pipe with brass unions 30 cm length 15 mm nominal bore including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	2 Nos.			Each.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.228621/-

Earnest money:-Rs.4600/-

Time allowed:-Two months.

Name of work:-Restoration of rain damages on Jhamol Nallah to Dhar road Km.0/000 to 2/375 (SH:-Construction of wire crates retaining wall at RD.1/525 to 1/553.80).

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.	28.22 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.	10.37 m3			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.	82.94 m3			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY


Estimated cost:-Rs.461925/-

Earnest money:-Rs.9400/-

Time allowed:-One Month.

Name of work:-Improvement of Black Spot on various road under Kumarsain Sub-Division H.P.,PWD.Kumarsain (SH:- Providing crash barrier W-beam indicator Gaurd)

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Providing and fixing High prismatic Reflector at three side (Left, Right and Front) liminated to steel sheet body yellow/white/Red colour reflector CAT PART 55-08 powered coated suitable to fit with already bolted/fixd steel crash baricade W-beam indicator rail guard make GREENEITE within all leads and lifts and incidentals. The rate include sale,tax, extra royalty toltax. GST, labour cess or other taxes imposed by the Govt.	1500 Nos			Each.	
Total:-						


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

SCHEDULE OF QUANTITY


Estimated cost:-Rs.461925/-

Earnest money:-Rs.9400/-

Time allowed:-One Month.

Name of work:-Improvement of Black Spot on various road under Thanedhar Sub-Division H.P.PWD.Thanedhar (SH:- Providing crash barrier W-beam indicator Gaurd)

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Providing and fixing High prismatic Reflector at three side (Left, Right and Front) liminated to steel sheet body yellow/white/Red colour reflector CAT PART 55-08 powered coated suitable to fit with already bolted/fixed steel crash barricade W-beam indicator rail guard make GREENEITE within all leads and lifts and incidentals. The rate include sale,tax, extra royalty tollax, GST, labour cess or other taxes imposed by the Govt.	1500 Nos			Each.	
Total:-						


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

SCHEDULE OF QUANTITY.

Name of work:- Construction of link road from Reheswa Banka Jubber Km.0/000 to 1/110 (SH:-Formation cutting 5/7 mtr. wide road Km.0/255 to 0/495).

Estimated Cost:-Rs.491157/-
Earnest money:-9900/-

Time allowed:-One month.

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-1 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. All usefull materials, such as stone shingles, aggregates and slates etc. shall be sorted out and stacked along road side which shall not be less than one third blasting work (hard rock) one sixth of blasting work (soft rock) or 173.81cum. which ever is higher in all cases failing which recovery @ Rs.170/- per cubic metre shall be effected. Any loss to the Public and Private property during the course of execution and disposal of serviceable/un-serviceable materials shall be the absolute responsibility of the Contractor which shall have to be duly compensated to the full extent him in all respect and in all cases.	2466.76 m3			Per cubic metre.	
G.Total:-						

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

- 1 Gelatine @ Rs.88.53/Per Kg.
- 2 Detonator @ Rs.3.39/Each.
- 3 S.F coil @ Rs.31/Coil


+3% storage charges.


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.1,71,018/-
 Earnest money:-Rs.3500/-
 Time allowed:-One month.
 Name of work:-Restoration of rain damages on Jogshta Kumarsain road Km.0/000 to 2/400 (SH:-Construction of P.C.C Retaining wall at RD.1/540 to 1/550).

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.	6.50 m ³			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	11.70 m ³			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.	32.30 m ³			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, 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.	3.00 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.4,83,436/-

Earnest money:-Rs.9700/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Oddi Khaneti Kotgarh road Km.0/000 to 21/000 (SH:-Construction of P.C.C Retaining wall at RD.3/900 to 3/910 & 4/645 to 4/654).

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.	40.00 m ³			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.	27.53 m ³			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	94.42 m ³			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	32 Nos			Each.	
5	Back filling behind abutment, 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.	11.04 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY


Estimated cost:-Rs.120000/-

Earnest money:-Rs.2400/-

Time allowed:-One Month.

Name of work:-Restoration of snow damages on various road under Tikkar Section (SH:-Supplying and stacking of crusher sand at various road under Tikkar Section).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	in words.		
1	Supply and stacking of site approved crusher sand consist of natural sand. The sand shall be hard bristled clean and free from adhered costing particulars in all leads and lifts including transport and as per direction of Engineer-in-Charge.	100.00 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.180000/-

Earnest money:-Rs.3600/-

Time allowed:-One Month.

Name of work:-Restoration of snow damages on various road under Narkanda Section (SH:-Supplying and stacking of crusher sand at various road under Narkanda Section).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	in words.		
1	Supply and stacking of site approved crusher sand consist of natural sand. The sand shall be hard bristled clean and free from adhered costing particulars in all leads and lifts including transport and as per direction of Engineer-in-Charge.	150.00 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.2,01,638/-

Earnest money:-Rs.4000/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Oddi Kingal road Km.0/000 to 21/405 (SH:-Construction of P.C.C Breast wall at RD.16/533 to 16/545).

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.	8.40 m ³			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.	12.00 m ³			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.	40.20 m ³			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.	16 Nos			Each.	
Total:-						


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

SCHEDULE OF QUANTITY.

Estimated Cost:-Rs.496543/-

Earnest money:-10000/-

Time allowed:-Two months.

Name of work:-Construction of link road from Khaneri to Balgar Km.0/000 to 1/300 (SH:-Formation cutting 5/7 mtr. wide road in Km.0/000 to 0/375).

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. All usefull materials, such as stone shingles, aggregates and slates etc. shall be sorted out and stacked along road side which shall not be less than one third blasting work (hard rock) one sixth of blasting work (soft rock) or 156.62cum. which ever is higher in all cases failing which recovery @ Rs.170/- per cubic metre shall be effected. Any loss to the Public and Private property during the course of execution and disposal of serviceable/un-serviceable materials shall be the absolute responsibility of the Contractor which shall have to be duly compensated to the full extent him in all respect and in all cases.	2638.80 m3			Per cubic metre.	
G.Total:-						

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

1	Gelaine @ 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.497362/-

Earnest money:-10000/-

Time allowed:-One month.

Name of work:- Construction of link road from Tipri to Dhinguli via Chiya Khalutbag Harabag Shantibag Km.0/000 to 3/840 (SH:-Formation cutting 5/7 mtr. wide road in Km.3/510 to 3/840).

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 .All usefull materials, such as stone shingles, aggregates and slates etc. shall be sorted out and stacked along road side which shall not be less than one third blasting work (hard rock) one sixth of blasting work (soft rock) or 138.90cum. which ever is higher in all cases failing which recovery @ Rs.170/- per cubic metre shall be effected. Any loss to the Public and Private property during the course of execution and disposal of serviceable/un-serviceable materials shall be the absolute responsibility of the Contractor which shall have to be duly compensated to the full extent him in all respect and in all cases.	2764.81 m3			Per cubic metre.	
G.Total:-						

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.120000/-

Earnest money:-Rs.2400/-

Time allowed:-One Month.

Name of work:-Restoration of snow damages on various road under Thanedhar Section (SH:-Supplying and stacking of crusher sand at various road under Thanedhar Section).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	in words.		
1	Supply and stacking of site approved crusher sand consist of natural sand. The sand shall be hard bristled clean and free from adhered costing particulars in all leads and lifts including transport and as per direction of Engineer-in-Charge.	100.00 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY


Estimated cost:-Rs.165125/-

Earnest money:-Rs.3400/-

Time allowed:-One Month.

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

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	in words.		
1	Hiring of J.C.B front end loader 1 cum. Bucket capacity for removal of snow/slips including P.O.L.as per direction Engineer- in-Charge Any loss to Public and Private Property during the course of execution and disposal of serviceable/unserviceable materials shall be absolute responsibility of the contractor which shall be duly compensated to the full extent him in all respect and in all cases.	125.00 Hour			Per Hours	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.165125/-
Earnest money:-Rs.3400/-

Time allowed:-One Month.

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

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	in words.		
1	Hiring of J.C.B front end loader I cum. Bucket capacity for removal of snow/slips including P.O.L. as per direction Engineer- in-Charge Any loss to Public and Private Property during the course of execution and disposal of serviceable/unserviceable materials shall be absolute responsibility of the contractor which shall be duly compensated to the full extent him in all respect and in all cases.	125.00 Hour			Per Hours	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.198150/-

Earnest money:-Rs.4000/-

Time allowed:-One Month.

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

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	in words.		
1	Hiring of J.C.B front end loader 1 cum. Bucket capacity for removal of snow/slips including P.O.L. as per direction Engineer- in-Charge Any loss to Public and Private Property during the course of execution and disposal of serviceable/unserviceable materials shall be absolute responsibility of the contractor which shall be duly compensated to the full extent him in all respect and in all cases.	150.00 Hour			Per Hours	
Total:-						



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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.381140/-
Earnest money:-Rs.7700/-

Name of work:-Restoration of rain damages on Nóg Kirti road Km.0/000 to 9/165 (SH:-C/O Wire crates retaining wall at RD.0/110 to 0/120).
Time allowed:-One month.

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.	32.40 m ³			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.	12.00 m ³			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 as per directions of the Engineer-in-Charge.	138.24 m ³			Per cubic metre.	
Total:-						


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

DRAFT SCHEDULE OF QUANTITY


Estimated cost:-Rs.281133/-

Earnest money:-Rs.5700/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Pharboona Pauchi Km.0/000 to 3/900 (SH:-Construction of wire crates retaining wall at RD.3/075 to 3/090 & 3/105 to 3/125).

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.	21.00 m3			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	12.60 m3			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.	103.68 m3			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY


Estimated cost:-Rs.165125/-

Earnest money:-Rs.3400/-

Time allowed:-One Month.

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

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	in words.		
1	Hiring of J.C.B front end loader I cum. Bucket capacity for removal of snow/slips including P.O.L. as per direction Engineer- in-Charge Any loss to Public and Private Property during the course of execution and disposal of serviceable/unserviceable materials shall be absolute responsibility of the contractor which shall be duly compensated to the full extent him in all respect and in all cases.	125.00 Hour			Per Hours	
Total:-						


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

SCHEDULE OF QUANTITY


Estimated cost:-Rs.120000/-

Earnest money:-Rs.2400/-

Time allowed:-One Month.

Name of work:-Restoration of snow damages on various road under Tikkar Section (SH:-Supplying and stacking of crusher sand at various road under Tikkar Section).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	in words.		
1	Supply and stacking of site approved crusher sand consist of natural sand. The sand shall be hard bristled clean and free from adhered costing particulars in all leads and lifts including transport and as per direction of Engineer-in-Charge.	100.00 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY.

Estimated Cost:-Rs.373141/-
Earnest money:-7500/-

Time allowed:-Two months.

Name of work:-Improvement of Geometrics on Tippri to Dhinguli via Chiya Khaltu Harabag Shantibag in G.P. Zar Km.0/000 to 3/855 (SH:-Removal of formation deficiencies at RD.0/570 to 0/675).

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-1 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 .All usefull materials, such as stone shingles, aggregates and slates etc. shall be sorted out and stacked along road side which shall not be less than one third blasting work (hard rock) one sixth of blasting work (soft rock) or 174.24cum. which ever is higher in all cases failing which recovery @ Rs.170/- per cubic metre shall be effected. Any loss to the Public and Private property during the course of execution and disposal of serviceable/un-serviceable materials shall be the absolute responsibility of the Contractor which shall have to be duly compensated to the full extent him in all respect and in all cases.	1610.10 m3			Per cubic metre.	
G.Total:-						

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

- | | | |
|---|----------------------------|------------------------|
| 1 | Gelaine @ 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.268638/-

Earnest money:-Rs.5400/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Kainthalghati to Ghoogvi upto Dassudhar road Km.0/000 to 5/930 (SH:-C/O P.C.C Breast wall at RD.4/605 to 4/620).

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.	18.00 m ³			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.	9.75 m ³			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.	52.65 m ³			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.	
Total:-						


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

SCHEDULE OF QUANTITY

Name of work:-Restoration of rain damages on Kumarsain Pharal road Km.0/000 to 7/645 (SH:-C/O P.C.C Breast wall at RD.0/935 to 0/955).

Estimated cost:-Rs.337510/-
Earnest money:-Rs.6800/-
Time allowed:-Two months.

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.	19.60 m ³			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.	20.80 m ³			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.	68.00 m ³			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (V):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	54 Nos			Each.	
Total:-						



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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.108770/-
Earnest money:-Rs.2200/-
Time allowed:-One month.

Name of work:-Restoration of rain damages on Oddi Khaneti Kotgarh road Km.0/000 to 21/000 (SH:-Construction of P.C.C Retaining wall at RD.14/250 to 14/256).

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.	7.56 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.	20.40 m3			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	14 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.	4.59 m3			Per cubic metre.	
	Total:-					


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.343740/-

Earnest money:-Rs.6900/-

Time allowed:-One month.

Name of work:-Construction of Kachingharti to Nag road Km.0/000 to 1/720(SH:-C/O wire crate Retaining wall at RD.1/567 to 1/579 & 1/591 to 1/619.80)

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.	25.01 m ³			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.	20.88 m ³			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 as per directions of the Engineer-in-Charge.	120.38 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.497981/-
Earnest money:-Rs.10000/-
Time allowed:-One month.

Name of work:-Restoration of rain damages on Lauga Badubagain Changadhar Dadesh Banot Nallah road Km.0/000 to 6/970 (SH:-Construction of wire crate retaining wall at RD.5/605 to 5/627 & Breast wall at RD.5/570 to 5/590).

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.	11.00 m ³			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.	54.88 m ³			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.	27.20 m ³			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (V):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	18 Nos			Each.	

5	Back filling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 Granular material including entire carriage of materials in all leads and lifts.	21.60 m ³			Per cubic metre.	
6	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 as per directions of the Engineer-in-Charge.	138.24 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.458407/-
Earnest money:-Rs.9200/-
Time allowed:-One month.

Name of work:-Construction of Kaintalghati to Ghoogvi upto Dassudhar road Km.0/000 to 5/930 (SH:-C construction of wire crate Retaining walls for dumping at RD.3/963 to 3/984.60, 3/985 to 4/004.20 and P.C.C Breast wall at RD.4/705 to 4/717).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	9.00 m ³			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	19.97 m ³			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.	110.59 m ³			Per cubic metre.	
4	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	31.56 m ³			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.	22 Nos			Each.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.241333/-
Earnest money:-Rs.4900/-
Time allowed:-One month.

Name of work:-A/R & M/O on A.F. Residence Building at Thanedhar (SH:-Construction of porch & tile work).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m including entire carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge.	5.18 m ³			Per cubic metre.	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering in cement concrete 1:5:10 (1 cement : 5 coarse sand) : 10 graded stone aggregate 40 mm nominal size) including entire carriage of materials in all leads and lifts.	0.64 m ³			Per cubic metre.	
3	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement in cement concrete 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size) including entire carriage of materials in all leads and lifts.	4.46 m ³			Per cubic metre.	
4	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level :-Mild steel and Medium Tensile steel bars including entire carriage of materials in all leads and lifts.	535.20 Kg.			Per Kilogramme.	
5	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including entire carriage of materials in all leads and lifts.	1117.35 Kg.			Per Kilogramme.	
6	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required:- In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including entire carriage of materials in all leads and lifts	105.91 Kg.			Per Kilogramme.	

7	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer M.S. tube including entire carriage of materials in all leads and lifts.	20.00 Kg.			Per Kilogramme.	
8	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 @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete Size of Tile 500x500 mm including entire carriage of materials in all leads and lifts.	30.28 m ²			Per square metre.	
9	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete including entire carriage of materials in all leads and lifts.	16.75 m ²			Per square metre.	
10	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) Sal wood including entire carriage of materials in all leads and lifts.	0.12 m ³			Per cubic metre.	
	Total:-					


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.446600/-

Earnest money:-Rs.9000/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Ahar to Barthanighati road Km.0/000 to 3/555 (SH:-Construction of P.C.C Breast wall at RD.1/945 to 1/976).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	29.14 m ³			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.	16.74 m ³			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	83.39 m ³			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.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.483346/-
Earnest money:-Rs.9700/-
Time allowed:-One month.

Name of work:-A/R & M/O on C.H.C Hospital building at Baragaon (SH:-Providing and fixing P.V.C water storage tank, 15mm dia G.I. pipe fitting & Providing and erecting steel structure stand for water storage tank).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	10.09 m ³			Per cubic metre.	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering in cement concrete 1:1½:3 (1 Cement: 1½ coarse sand) : 3 graded stone aggregate 20 mm nominal size)including entire carriage of materials in all leads and lifts.	5.40 m ³			Per cubic metre.	
3	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required:- In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including entire carriage of materials in all leads and lifts.	2697.03 Kg.			Per Kilogramme	
4	Providing and fixing PVC water storage tank of ISI :12701 marked G.I inlet and outlet connection 15mm nominal bore ball valve and mosquito proof PVC cover with locking arrangement including hoisting upto a height of 10 metres above ground level:-2000 litres capacity.	6 Nos.			Each.	

5	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. 15 mm dia nominal bore including entire carriage of materials in all leads and lifts.	360.00 Rmt.			Per cubic metre.	
6	Providing and fixing ball valve (brass) of approved quality. High or low pressure. with plastic floats complete 15 mm nominal bore including entire carriage of materials in all leads and lifts.	6 Nos.			Each.	
	Total:-					


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

SCHEDULE OF QUANTITY


Estimated cost:-Rs.487459/-

Earnest money:-Rs.9800/-

Time allowed:-One Month

Name of work:-Improvement of Black spot on Barogi Khatludhar road Km.0/000 to 3/045 (SH:-Providing and Fixing of W-Metal Beam Crash barrier Railing at RD. 0/040 to 0/072, 0/206 to 0/230, 0/260 to 0/280, 0/335 to 0/405).

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.	9.43 m ³			Per cubic metre.	
2	Providing concrete for plain/reinforced concrete in opens foundation complete as per drawings and technical specifications clause 802, 803, 1202 & 1203 P.C.C M-15 nominal mix (1:2.5 : 5) including entire carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge.	9.43 m ³			Per cubic metre.	
3	Providing and erecting a "W" metal beam crash barrier comprising of 3mm thick corrugated sheet metal rail 70 cm. above road/ground level fixed on ISMC series channel vertical post 150x75x5 mm spaced 2m center to center, 1.8 m high, 1.1 m below ground/road level, all steel part and fitments to be galvanised by not dip process, all fitting to conforms to IS: 1367 and IS : 1364 metal beam rail to be fixed on the vertical post with a spacer of channel section 150x75x5mm,330mm long complete as per clause 810 including entire carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge.	141.00 Rmt.			Per running metre.	
G.Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.348266/-

Earnest money:-Rs.7000-

Time allowed:-One Month

Name of work:-A/R & M/O on various road under Thanedhar Sub-Division.(SH:-Supplying and fixing of all direction retro-reflective round delineators).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Supplying and fixing of all directional retro reflective round delineator SHORT made out of 18 (eighteen) gauge to have a 200mm (two hundred millimetres) dia 47mm (forty seven millimetre) and of a length 600mm (six hundred millimetres) delineator powder coated delineator to have a 200mm (two hundred millimetres) wide reflective bands of colour white and red reflective bands protacted with welded wire mesh cage CAT PORT No.GPL-11-11 Make GREENS/ GREENLITE including entire carriage of material in all leads and lifts as per direction of Engineer-in-Charge. Rates are inclusive of all kind of taxes as Govt.	460 Nos.			Each.	
Total:-						


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

SCHEDULE OF QUANTITY


Estimated cost:-Rs.264985/-

Earnest money:-Rs.5300/-

Time allowed:-One Month

Name of work:-A/R & M/O on various road under Kumarsain Sub-Division.(SH:-Supplying and fixing of all direction retro-reflective round delineators).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Supplying and fixing of all directional retro reflective round delineator SHORT made out of 18 (eighteen) gauge to have a 200mm (two hundred millimetres) dia 47mm (forty seven millimetre) and of a length 600mm (six hundred millimetres) delineator powder coated delineator to have a 200mm (two hundred millimetres) wide reflective bands of colour white and red reflective bands protacted with welded wire mesh cage CAT PORT No.GPL-11-11 Make GREENS/ GREENLITE including entire carriage of material in all leads and lifts as per direction of Engineer-in-Charge. Rates are inclusive of all kind of taxes as Govt.	350 Nos.			Each.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.364508/-
Earnest money:-Rs.7300/-


Time allowed:-One month.

Name of work:-Construction of Rain Shelter at Saneogi (Bal) (SH:-Foundation work,Masonry work , R.C.C slab & flooring etc.).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m. All kinds of soil as directed by Engineer-in-charge including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	10.62 m ³			Per cubic metre.	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level in cement concrete 1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40 mm nominal size) including entire carriage of materials in all leads and lifts as per directions of Engineer-in-Charge.	3.36 m ³			Per cubic metre.	
3	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with :Cement mortar 1:6 (1 cement : 6 coarse sand) including entire carriage of materials in all leads and lifts as per directions of Engineer-in-Charge.	25.18 m ³			Per cubic metre.	
4	Coursed rubble masonry with hard stone (first or second sort) in superstructure above plinth level and upto floor five level Masonry work (first sort), in cement mortar 1:6 (1 cement : 6 coarse sand) including entire carriage of materials in all leads and lifts as per directions of Engineer-in-Charge.	9.07 m ³			Per cubic metre.	

5	Stone soling under floor 150mm thick with hard stone of approved quality including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	1.85 m3				Per cubic metre.	
6	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level in cement concrete 1:2:4 (1 Cement : 2 coarse sand) : 4 graded stone aggregate 40 mm nominal size) including entire carriage of materials in all leads and lifts as per directions of Engineer-in-Charge.	12.36 m3				Per cubic metre.	
7	Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand) Flush/ Ruled pointing including entire carriage of materials in all leads and lifts as per directions of Engineer-in-Charge.	24.21 m2				Per square metre.	
8	Centering and shuttering including strutting, propping etc. and removal of form for:-						
(a)	Suspended floors, roofs, landings, balconies and access platform including entire carriage of materials in all leads and lifts.	17.09 m2				Per square metre.	
(b)	Lintels, beams, plinth beams, girders, bressumers and cantilevers including entire carriage of materials in all leads and lifts.	10.47 m2				Per square metre.	
(c)	Edges of slabs and breaks in floors and walls Under 20 cm wide including entire carriage of materials in all leads and lifts.	19.26 Rmt.				Per running metre.	
9	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand) : 3 graded stone aggregate 20 mm nominal size) including entire carriage of materials in all leads and lifts as per directions of Engineer-in-Charge.	4.29 m3				Per cubic metre.	

10	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Cold twisted bars including entire carriage of materials in all leads and lifts as per directions of Engineer-in-Charge.	364.65 Kg.			Per Kilogramme	
11	15 mm cement plaster on rough side of single or half brick wall of mix in cement mortar 1:4 (1 cement: 4 coarse sand) including entire carriage of materials in all leads and lifts as per directions of Engineer-in-Charge	21.03 m ²			Per square metre.	
12	6 mm cement plaster of mix in cement mortar 1:3 (1 cement : 3 fine sand) including entire carriage of materials in all leads and lifts as per directions of Engineer-in-Charge	7.56 m ²			Per square metre.	
13	White washing with lime to give an even shade New work (three or more coats) including entire carriage of materials in all leads and lifts as per directions of Engineer-in-Charge	28.59 m ²			Per square metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.499241/-

Earnest money:-Rs.10000/-

Time allowed:-Three months.

Name of work:-A/R & M/O on Kumarsain Pharal road Km 0/000 to 7/165(SH:-Patch work between Km.4/500 to 6/500).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	W/BM Grading 3:-Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 KN in stages to proper grade and camber, applying and brooming, stone screening to fill up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical specification clause 405 By manual means(Pot hole) including entire carriage of materials in all leads and lifts.	18.71 m3			Per cubic metre.	
2	Providing and applying primer coat with Bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70 -1.00 Kg/Sqm. using mechanical means as per Technical Specification Clause 502 with in all leads & lifts complete as per directions of the Engineer-in-Charge.	249.46 m2			Per square metre.	
3	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20mm thick premix carpet and seal coat type B specification Clause 1904.2.503 and 508.1 including entire carriage of materials in all leads and lifts as per direction of the Engineer-in-charge.	2253.19 m2			Per square metre.	
Total:-						

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


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.4,94,805/-

Earnest money:-Rs.9900/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000 (SH:-C construction of P.C.C Retaining wall at RD.14/700 to 14/710, 15/210 to 15/225 & 16/700 to 16/710).

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.	14.62 m ³			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.	21.10 m ³			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	101.80 m ³			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.	35 Nos			Each.	
5	Back filling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 Granular material including entire carriage of materials in all leads and lifts.	5.60 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.4,39,276/-
Earnest money:-Rs.8800/-

Name of work:-Construction of Barthanighati to Thaya Bajwa road Km.0/000 to 1/765 (SH:-Construction of P.C.C Retaining wall at RD.0/488 to 0/513 & B/wall at RD.0/375 to 0/389.20).

Time allowed:-One month.

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.	18.59 m ³			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	14.27 m ³			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.	85.06 m ³			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.	48 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.	11.52 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.470105/-

Earnest money:-Rs.9500/-

Time allowed:-Two months.

Name of work:-Construction of Kainthalghati to Hatiya via Proad Mandir Km.0/000 to 2/500 (SH:-Construction of wire crates retaining wall at RD.1/215 to 1/255.80).

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.	18.10 m ³			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.	20.88 m ³			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.	176.26 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.461327/-
Earnest money:-Rs.9300/-

Name of work:-Construction of Kainthalghati to Hatya via Proad Mandir Km.0/000 to 2/500 (SH:-Construction of wire crates retaining wall at RD.1/840 to 1/870).
Time allowed:- Two months.

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.	21.60 m ³			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.	172.80 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY


Estimated cost:-Rs.343740/-

Earnest money:-Rs.6900/-

Time allowed:-One month.

Name of work:-Construction of Kachinghatti to Nag road Km.0/000 to 1/720(SH:-C/O wire crate Retaining wall at RD.1/567 to 1/579 & 1/591 to 1/619.80)

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.	25.01 m3			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	20.88 m3			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 as per directions of the Engineer-in-Charge.	120.38 m3			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.438226/-

Earnest money:-Rs.8800/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Kholvi Kenchi to Bharwag road Km.0/000 to 2/990 (SH:-Construction of P.C.C Breast wall at RD.0/092 to 0/122).

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.	38.40 m ³			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.	22.20 m ³			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.	85.50 m ³			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.	56 Nos			Each.	
Total:-						


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

SCHEDULE OF QUANTITY


Estimated cost:-Rs.438226/-

Earnest money:-Rs.8800/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Kholvi Kenchi to Bharwag road Km.0/000 to 2/990 (SH:-C construction of P.C.C Breast wall at RD.0/060 to 0/090).

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.	38.40 m ³			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.	22.20 m ³			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.	85.50 m ³			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.	56 Nos			Each.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.404599/-

Earnest money:-Rs.8100/-

Time allowed:- Two months.

Name of work:-Restoration of rain damages Narkanda Thanedhar road Km.0//000 to 17/000 (SH:-C/O P.C.C Retaining wall at RD.4/330 to 4/339).

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.	14.58 m3			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	22.23 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.	79.20 m3			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (V):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	36 Nos			Each.	
5	Back filling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 Granular material including entire carriage of materials in all leads and lifts.	7.29 m3			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.470687/-

Earnest money:-Rs.9500/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Narkanda Thanedhar road Km.0/000 to 17/000(SH:-Construction of P.C.C Retaining wall at RD.2/180 to 2/188).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	37.92 m ³			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.	24.64 m ³			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.	77.68 m ³			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 in all leads and lifts.	6.00 Cum			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY


Estimated cost:-Rs.300796/-

Earnest money:-Rs.6100/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000 (SH:-C/O wire crate Breast wall at RD.1/120 to 1/150).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	10.80 m ³			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	30.60 m ³			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 as per directions of the Engineer-in-Charge.	124.41 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY


Estimated cost:-Rs.4,43,048/-

Earnest money:-Rs.8900/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Upper Shathla to Lower Shathla road Km.0/000 to 1/000 (SH:-Construction of P.C.C Retaining wall at RD.0/285 to 0/300 & C/O Breast wall at RD.0/295 to 0/305, 0/950 to 0/962).

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.	13.30 m ³			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.	22.00 m ³			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.	88.51 m ³			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	32 Nos			Each.	
5	Back filling behind abutment, 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.	9.00 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Name of work:-Restoration of rain damages on Oddi Khaneti Kotgarh road Km.0/000 to 21/000 (SH:-C/O Retaining wall at RD.9/223 to 9/240).

Estimated cost:-Rs.494989/-

Earnest money:-Rs.9900/-

Time allowed:-One month.

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	28.73 m ³			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.	24.31 m ³			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802.803.1202 and 1203 P.C.C nominal mix 1:6:12(40mm aggregate) including entire carriage of materials in all leads and lifts.	6.80 m ³			Per cubic metre.	
4	Stone masonry in cement mortar for substructure complete as per drawing & technical specification Clauses 702.704.1202 and 1204 Random rubble masonry in cement mortar 1:6 including entire carriage of materials in all leads and lifts.	90.44 m ³			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.	48 Nos			Each.	
6	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.	9.35 m ³			Per cubic metre.	
Total:-						


 Executive Engineer,
 Kumarsain Division,
 HP PWD Kumarsain

SCHEDULE OF QUANTITY


Estimated cost:-Rs.150120/-

Earnest money:-Rs.3100/-

Time allowed:-One month.

- Name of work:-(1) A/R & M/O on Lauga Shathla road Km.0/000 to 2/400 (SH:- Maintenance of road side drain & Trimming of grass and weeds etc.).
 (2) A/R & M/O on link road to village Bahli Km.0/000 to 2/000 (SH:- Maintenance of road side drain & Trimming of grass and weeds etc.).
 (3) A/R & M/O on Chacholi Kharola road Km.0/000 to 1/000 (SH:- Maintenance of road side drain & Trimming of grass and weeds etc.).
 (4) A/R & M/O on Khalwan to Bankoti via Saroga road Km.0/000 to 3/900 (SH:- Maintenance of road side drain & Trimming of grass and weeds etc.).
 (5) A/R & M/O on Upper Shathla to Lower Shathla road Km.0/000 to 1/000 (SH:- Maintenance of road side drain & Trimming of grass and weeds etc.).
 (6) A/R & M/O on Phalely Lauga road Km.0/000 to 0/500 (SH:- Maintenance of road side drain & Trimming of grass and weeds etc.).

S. No.	Sub-Head/Items of work.	Quantity.	Rates.		Unit.	Amount.
			In fig.	In words.		
1	The maintenance of drain include erosion repair, clearing cleaning, reshaping, regarding, deepening of side drains as well as catch water drains as per technical specification clause 1907 including entire carriage of materials in all leads and lifts.	10800.00 Rmt.			Per running metre.	
2	Trimming of grass and weeds from the shoulders/berms and disposing off the same to suitable locations as per technical specifications clause 1914 including entire carriage of materials in all leads and lifts.	32400.00 m2			Per square metre.	
Total:-						


 Executive Engineer,
 Kumarsain Division,
 HPPWD Kumarsain.

SCHEDULE OF QUANTITY

Estimated cost:-Rs.350834/-

Earnest money:-Rs.7100/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Ahar to Barthanighati road Km.0/000 to 3/555(SH:-C/O wire crate Breast wall at RD.1/981.40 to 1/991 & 2/026 to 2/035.60).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	17.28 m ³			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.	6.91 m ³			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 as per directions of the Engineer-in-Charge.	131.32 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.333668/-

Earnest money:-Rs.6700/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Dudhithar to Dakolu road Km.0/000 to 5/435 (SH:-C/O wire crates protection retaining wall on down stream side between RD.2/135 to 2/163.80).

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.	12.10 m ³			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.	10.37 m ³			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 as per directions of the Engineer-in-Charge.	124.42 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.128275/-


Earnest money:-Rs.2600/-

Time allowed:-One month.

Name of work:-A/R & M/O on J.E Office cum Residence Building at Kangal (SH:-Providing and laying Tile flooring, Sanitary works, Distempering and painting etc.).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering in cement concrete 1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40 mm nominal size) including entire carriage of materials in all leads and lifts.	0.56 m ³			Per cubic metre.	
2	Providing and fixing 10 mm thick acid and/or alkali resistant tiles of approved make and colour using acid and/or alkali resisting mortar bedding, and joints filled with acid and/or alkali resisting cement as per IS : 4457, In flooring on a bed of 10 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand) Acid and alkali resistant tile complete including entire carriage of materials in all leads and lifts as per the direction of Engineer-in-Charge	47.72 m ²			Per square metre.	
3	Providing and fixing 10 mm thick acid and/or alkali resistant tiles of approved make and colour using acid and/or alkali resisting mortar bedding, and joints filled with acid and/or alkali resisting cement as per IS : 4457, In dado/skirting on 12 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand) Acid and alkali resistant tile including entire carriage of materials in all leads and lifts as per the direction of Engineer-in-Charge	4.87 m ²			Per square metre.	
4	Tile work in skirting, risers of steps and dado up to 2 m height over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with grey cement slurry @ 3.3 kg/sqm, including pointing in white cement mixed with pigment of matching shade complete 8 mm thick including entire carriage of materials in all leads and lifts.	29.15 m ²			Per square metre.	
5	Distempering with dry distemper of approved brand and manufacture (two or more coats) of required shade on new work, over and including water thinnable priming coat to give an even shade including entire carriage of materials in all leads and lifts.	111.80 m ²			Per square metre.	

6	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 in all leads and lifts.	21.96 m2			Per square metre.	
7	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture including entire carriage of materials in all leads and lifts.	82.50 m2			Per square metre.	
8	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid. 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid including entire carriage of materials in all leads and lifts.	1 Nos.			Each.	
9	Providing and fixing brass bib cock of approved quality : 15 mm nominal bore including entire carriage of materials in all leads and lifts.	2 Nos.			Each.	
	Total:-					


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.133446/-

Earnest money:-Rs.2700/-

Time allowed:-One month.

Name of work:-Balance work of construction of Sub-Tehsil Building at Kotgarh (SH:-Providing steel work railing in front of building).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including entire carriage of materials in all leads and lifts.	1438.64 Kg.			Per Kilogramme.	
2	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture including entire carriage of materials in all leads and lifts.	97.75 m ²			Per square metre.	
	Total:-					


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