

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

NO-PW-KMS-AB-NIT/2021-22- 8092-93 Dated:- 05/11/24

To

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

Subject: - Publication of Tender Notice.

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

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


Executive Engineer,
Kumarsain Division
HPPWD, Kumarsain.

Copy to the Superintending Engineer, XIth Circle, HP.PWD., Rampur Bushahr for information please.

✓
Executive Engineer,
Kumarsain Division
HPPWD, Kumarsain.

CERTIFICATE

**CERTIFIED THAT THE TENDERS OF WORKS, AS
CALLED VIDE THIS OFFICE LETTER No. PW-KMS-AB-N.I.T./2021-22-
854/-89 DATED 05.11.2021 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 **12.11.2021** 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 **11.11.2021** up to **5:00 PM**. The tender form can be had from his office against cash payment (Non-refundable) on **12.11.2021** 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:-** Protection work at I.T.I Kumarsain Distt. Shimla (SH:-Construction of P.C.C Breast wall in front of Block-A (Balance work). Estimated Cost:- 3,60,895/- Earnest Money:- 7300/- Time allowed: -Two Months.
2. **Name of Work:-** Restoration of rain damages on Narkanda Thanedhar Kotgarh Bithal Road Km. 0/000 to 44/000 (SH:- Construction of PCC Wing Wall in the both side of existing hume pipe culvert at Rd. 11/405, 13/420 & 13/990). Estimated Cost.4,45,732/- Earnest Money:- 9000/- Time allowed: -One Month.
3. **Name of Work:-** Improvement of Black spot on Narkanda Thanedhar Kotgarh Bithal Road Km. 0/000 to 44/000 (SH:- Formation deficiency km.5/370 to 5/465). Estimated Cost: - 1,53,887/- Earnest Money:- 3100/- Time allowed: -Two Months.
4. **Name of Work:-** Restoration of rain damages on Oddi Khaneti Kotgarh road Km. 0/000 to 21/000 (SH:- Construction of PCC Retaining Wall at Rd.7/585 to 7/594). Estimated Cost:- 2,08,786/- Earnest Money:- 4200/- Time allowed: -One Month.
5. **Name of Work:-** Construction of Type-II Qtrs 3 Nos at Police Station building Kumarsain (SH:- Construction of Retaining Wall in front of police Qtrs at Rd.0/000 to 0/008). Estimated Cost.4,09,064/- Earnest Money:- 8200/- Time allowed: -One Month.
6. **Name of Work:-** Restoration of rain damages on Narkanda Thanedhar Road Km. 0/000 to 17/000 (SH:- Construction of Retaining Wall at RD.13/885 to 13/898). Estimated Cost.3,77,925/- Earnest Money:- 7,600/- Time allowed: -One Month.
7. **Name of Work:-** Restoration of rain damages on Oddi Khaneti Kotgarh road Km. 0/000 to 21/000 (SH:- Construction of Retaining Wall at Rd.13/425 to 13/443). Estimated Cost.4,84,823/- Earnest Money:- 9700/- Time allowed: -One Month.
8. **Name of Work:-** Restoration of rain damages on Oddi Khaneti Kotgarh road Km. 0/000 to 21/000 (SH:- Construction of Retaining Wall at Rd.9/645 to 9/654, 10/210 to 10/218 & 10/255 to 10/261). Estimated Cost.4,96,463/- Earnest Money:- 10,000/- Time allowed: -One Months.
9. **Name of Work:-** Construction of link road from Reheshwa Banka Jubber km.0/000 to 1/110 (SH:- Formation cutting 5/7mtr. wide road km.0/150 to 0/255). Estimated Cost.2,72,202/- Earnest Money:- 5500/- Time allowed: -Two Months.
10. **Name of Work:-** A/R & M/O on PWD Rest House Building at Luhri (SH:-Providing cement putty, scrapping & emulsion paint on walls and paint in wooden doors & windows, P/F cupboards in bathrooms, aluminum partitions in bathroom etc). Estimated Cost.3,61,565/- Earnest Money:- 7300/- Time allowed: - Two Months.
11. **Name of Work:-** Construction of Type-II Qtrs 3 Nos at Police Station building Kumarsain (SH:- Construction of Retaining Wall in front of police Qtrs at Rd. 0/016 to 0/025.50). Estimated Cost.4,85,612/- Earnest Money:-9800/- Time allowed: -One Month.
12. **Name of Work:-** Construction of road from Pauchi to Ghaderi Km. 0/000 to 0/630 (SH:- Formation Cutting 5/7Mtr. wide road between Km. 0/165 to 0/390). Estimated Cost.4,94,550/- Earnest Money:- 9900/- Time allowed: -Two Months.
13. **Name of Work:-** C/O of link road from Khushbag to Chhabog Km.0/0 to 2/000 (SH:- Widening of narrow stretches between km. 0/225 to 0/315 & Construction of wire crate Retaining wall at Rd. 0/255 to 0/269.40) Estimated Cost. 2,90,656/- Earnest Money:- 5900/- Time allowed: -Two Months.

14. **Name of Work:-** A/R & M/O on various roads under Kumarsain Sub-Division (SH:-P&F ABS Plastic cat eyes stud at various road under Kumarsain Sub-Division). Estimated Cost.4,90,880/- Earnest Money:- 9900/- Time allowed: -One Month.
15. **Name of Work:-** A/R & M/O on various roads under Kumarsain Sub-Division (SH:-P&F ABS Plastic cat eyes stud at various road under Kumarsain Sub-Division). Estimated Cost.4,53,120/- Earnest Money:- 9100/- Time allowed: -One Month.
16. **Name of Work:-** Restoration of rain damages on Oddi Jogsha via Ghumana road km. 0/000 to 2/400 (SH:- Construction of P.C.C Breast wall at Rd. 1/088 to 1/091.50, 1/275 to 1/281.75 & Retaining wall at Rd. 1/400 to 1/411 & 1/437 to 1/450.20). Estimated Cost.4,98,848/- Earnest Money:- 10,000/- Time allowed: - One Month.
17. **Name of Work:-** A/R & M/O on Khalwan to Bankoti via Saroga road km.0/000 to 3/990 (SH:- Construction of P.C.C . Retaining Wall at RD. 2/408 to 2/423). Estimated Cost.4,89,459/- Earnest Money:- 9800/- Time allowed: -Two Months.
18. **Name of Work:-** A/R & M/O on Khalwan to Bankoti via Saroga road km.0/000 to 3/990 (SH:- Construction of P.C.C . Breast Wall at RD. 2/408 to 2/441). Estimated Cost.4,84,562/- Earnest Money:- 9700/- Time allowed: -Two Months.
19. **Name of Work:-** Improvement of Grade on Kirti Bhanana Km.0/000 to 1/500 (SH:-C/O P.C.C Edge wall, Providing & layong Grading-I,II & III at Rd. 0/940 to 0/970). Estimated Cost.3,28,575/- Earnest Money:- 6600/- Time allowed: -Two Months.
20. **Name of Work:-** Construction of link road from Jeru Nallah to Serthi Km. 0/000 to 1/540 (SH:- Construction of P.C.C. Breast Wall at Rd. 1/255 to 1/270, 1/271 to 1/286 and C/O P.C.C. Retaining Wall at Rd. 1/290 to 1/304). Estimated Cost.4,99,957/- Earnest Money:- 10,000/- Time allowed: -Two Months.
21. **Name of Work:-** Restoration of rain damages on various road under Narkanda Section (SH:-Hiring of JCB Excavator front end loader for removal of slips at various RDs). Estimated Cost.1,65,125/- Earnest Money:- 3400/- Time allowed: -One Month.
22. **Name of Work:-** R/O & R/D on Jimmu Nallah Jal road Km 0/000 to 5/000 (SH:- C/O Breast/Wall at RD.1/000 to 1/020). Estimated Cost.1,71,752/- Earnest Money:- 3500/- Time allowed: -One Month.
23. **Name of Work:-** R/O & R/D on Jimmu Nallah Jal road Km 0/000 to 5/000 (SH:- C/O Breast/Wall at RD.1/300 to 1/315). Estimated Cost.1,23,546/- Earnest Money:- 2500/- Time allowed: -One Month.
24. **Name of Work:-**A/R & M/O Various roads under Thanedhar Sub-Division (SH:- Providing and fixing ABS Plastic Cat eyes stud at various road under Thanedhar Sub-Division.). Estimated Cost: 4,98,432/- Earnest Money -9,900/- Time allowed: - One Month.
25. **Name of Work:-**Construction of Oddi to Bagain road Km. 0/000 to 1/450(SH:- C/O PCC Retaining Wall & W-Metal Beam Crash Barrier Railing at RD. 0/866 to 0/888). Estimated Cost: 4,89,115/- Earnest Money - 9,800/- Time allowed: - Two Months.
26. **Name of Work :-** R/O & R/D on Panudhank to Katheen road km.0/000 to 5/840 (SH:- C/O P.C.C R/wall at RD. 1/164 to 1/171, 1/643 to 1/650 & 3/245 to 3/252). Estimated Cost.4,88,286/- Earnest Money:- 9800/- Time allowed: -One Month
27. **Name of Work :-** A/R & M/O on Old H.T road from Rest house Luhri to Chill More km. 0/000 to 1/565 (SH:- C/O Wire crate R/wall at Rd. 0/235 to 0/242.20, 0/805 to 0/809.80, 0/950 to 0/954.80 & 1/527 to 1/541.40). Estimated Cost.2,69,934/- Earnest Money:- 5400/- Time allowed: -Two Months.
28. **Name of Work :-** A/R & M/O on Old H.T road from Rest house Luhri to Chill More km. 0/000 to 1/565 (SH:- C/O P.C.C R/wall at Rd.1/542 TO 1/565). Estimated Cost.4,53,338/- Earnest Money:- 9100/- Time allowed:-One Month.
29. **Name of Work:** A/R & M/O on Slapper Tattapani Suni Luri road Km.103/800 to 120/800 (SH:-Providing & fixing of ABS Plastic cat eyes stud at various Rds.).Estimated Cost.4,98,432/-Earnest Money:-10,000/- Time allowed:-One Month.
30. **Name of Work:-** R/O R/D on link road to village Teshan Km.0/000 to2/750 (SH:- C/O PCC R/Wall at Rd.0/750 to 0/765 & Wire Crate R/wall at Rd. 0/345 to 0/371.40). Estimated Cost: 4,88,157/- Earnest Money -9800/- Time allowed: - One Month.
31. **Name of Work:-** R/O R/D on link road to village Teshan Km.0/000 to2/750 (SH:- C/O PCC R/Wall at Rd.1/105 to 1/125, Wire Crate R/wall at Rd. 0/915 to 0/931.80 & Rd.0/300 to 0/316.80). Estimated Cost: 4,90,683/- Earnest Money -9900/- Time allowed: - One Month.
32. **Name of Work:-**Construction of road from Dokhari Nallah Rohga Kotgarh via Khobal Nallah km.0/000 to 2/000 SH:- C/O R/wall at Rd. 0/630 to 0/647). Estimated Cost: 4,95,167/- Earnest Money -10,000/- Time allowed: - One Month.
33. **Name of Work:-**R/O R/D on link road to village Bahli Km. 0/000 to 2/000 (SH:- C/O PCC Breast Wall at RD. 1/900 to 1/908 & Retaining Wall at RD. 1/985 to 2/000 & 1/750 to 1/763). Estimated Cost: 4,14,246/- Earnest Money -8,300/- Time allowed: - Two Months.

34. **Name of Work:-** Construction of Oddi to Bagain road Km. 0/000 to 1/450(SH:- C/O PCC Retaining Wall & W-Metal Beam Crash Barrier Railing at RD. 0/840 to 0/860). Estimated Cost: 4,96,562/- Earnest Money - 10,000/- Time allowed: - Two Months.
35. **Name of Work:-**A/R & M/O Various roads under Baragaon Sub-Division (SH:- Providing and fixing ABS Plastic Cat eyes stud at various road under Baragaon Sub-Division.). Estimated Cost: 4,60,672/- Earnest Money -9,300/- Time allowed: - One Month.
36. **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. 26/510 to 26/525) Estimate Cost: 3,23,463/- Earnest Money - 6,500/- Time allowed: - One Month.
37. **Name of Work:-** R/O R/D on Narkanda Thanedhar Kotgarh Bithal road Km. 0/000 to 44/000 (SH:- Construction of P.C.C. Retaining Wall at RD. 32/520 to 32/535) Estimate Cost: 3,39,537/- Earnest Money - 6,800/- Time allowed: - One Month.
38. **Name of Work:-** R/O R/D on Narkanda Doza road Km. 0/000 to 6/500 (SH:- Construction of P.C.C. Retaining Wall at RD. 3/435 to 3/446.50) Estimate Cost: 4,99,764/- Earnest Money -10,000/- Time allowed: - Two Month.
39. **Name of Work:-** A/R & M/O Kumarsain Pharal Road Km. 0/000 to 7/165 (SH:- Patch work between Km. 1/400 to 4/500) Estimate Cost: 4,99,965/- Earnest Money -10,000/- Time allowed: - Three Month.
40. **Name of Work:-** R/O R/D on Various road under Kotgarh Section (SH:- Hiring of JCB front end loader for removal of slips at various RDs.) Estimate Cost: 1,98,150/- Earnest Money -4000/- Time allowed: - One Month.

Certificate

Certified that the above works are of emergent & urgent required in the public interest.

Terms and conditions:-

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

Executive Engineer,
Kumarsain Division
HP.PWD, Kumarsain

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

8531-89

Dated: 05/11/2024

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

Executive Engineer,
Kumarsain Division,
HP.PWD, Kumarsain

SCHEDULE OF QUANTITY.

Name of work:-Constrecution of road from Pauchi to Gadheri Km.0/000 to 0/630 (SH:-Formation cutting 5/7 mtr. wide road between Km.0/165 to 0/390).

Estimated Cost:-Rs.494550/-
Earnest money:-9900/-

Time allowed:-Two months.

S.No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	5/7 meters wide (5 meters wide in straighth 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 176.87 cum. 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.	2470.65 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.409064/-

Earnest money:-Rs.8200/-

Time allowed:-One month.

Name of work:-Construction of Type-II Quarters 3 Nos at Police Station building Kumarsain (SH:-Construction of P.C.C Retaining wall in front of Police Quarters at RD.0/000 to 0/008).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	15.68 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.	12.32 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.	79.68 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.	30 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

Name of work:- Restoration of rain damages on Oddi Khaneti Kotgarh road Km.0/000 to 21/000 (SH:-C/O P.C.C Retaining wall at RD.7/585 to 7/594).

Estimated cost:-Rs.208786/-
Earnest money:-Rs.4200/-

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.	14.13 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.	8.64 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.	40.32 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.	3.78 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY.

Name of work:-Improvement of Black spot on Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/00 (SH:-Formation deficiency Km.5/370 to 5/465).

Estimated Cost:-Rs.153887/-
Earnest money:-3100/-
Time allowed:-Two months.

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 111.64cum. 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.	439.49 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. | | |


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.445732/-
Earnest money:-Rs.9000/-

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 P.C.C wing wall in both side of existing hume pipe culvert at RD.11/405, 13/420 & 13/990).

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.	13.40 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.	21.13 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.	90.25 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.	19 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.	16.68 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.3,60,895/-

Earnest money:-Rs.7300/-

Time allowed:-Two months.

Name of work:-Protection work at I.T.I Kumarsain Distt. Shimla (SH:-Construction of P.C.C Breast wall in front of Block-A (Balance work).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	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.	70.85 m ³			Per cubic metre.	
2	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.	
3	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.	15.77 m ³			Per cubic metre.	
	Total:-					


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.361565/-
Earnest monney:-Rs.7300/-
Time allowed:-Two months.

Name of work:-A/R & M/O on PWD Rest House Building at Luhri (SH:-Providing cement putty, scrapping and emulsiolin paint on walls and paint in wooden doors and windows , P/F cupboards in bath rooms, aluminium partitions in bathroom etc.).

S.No.	Sub-Head/Items of work.	Quantity.	In fig.	In words.	Unit.	Amount.
1	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including entire carriage of materials in all leads and lifts.	13.71 m2			Per sqaure metre.	
2	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including entire carriage of materials in all leads and lifts.	127.62 m2			Per sqaure metre.	
3	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour:-Two coats including entire carriage of materials in all leads and lifts.	172.57 m2			Per sqaure metre.	
4	Painting one coat (excluding priming coat) on previously painted wood and based surfaces with readymixed paint brushing to given an even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping with readymixed paint other than white including entire carriage of materials in all leads and lifts.	254.89 m2			Per sqaure metre.	
5	Extra for item No.16043000 and for every subsequent coat of paint including entire carriage of materials in all leads and lifts.	254.89 m2			Per sqaure metre.	
6	Renewing glass panes, with wooden fillets wherever necessary :-Float glass panes of nominal thickness 4 mm (weight not less than 10kg/sqm) including entire carriage of materials in all leads and lifts.	1.10 m2			Per sqaure metre.	

7	Providing ad fixing water proof kit ply of standard quality ISI mark and approved shade and colour inpanelling and wall lining i/c mitring at junctions, butt jointing and tails complete (Frame work for base to be measured & paid separately) 9mm thick including entire carriage of materials in all leads and lifts.	77.68 m2			Per square metre.	
8	Providing and fixing plain lining with longued and gravel jointing and screws (frame work and cover fillets to be measured and paid separately with) including entire carriage of materials in all leads and lifts.	77.68 m2			Per square metre.	
9	Providing and fixing 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc complete) including entire carriage of materials in all leads and lifts.	5.58 m2			Per square metre.	
10	Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade I Type II), having one side decorative lamination and other side balancing lamination, including IInd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete including entire carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge	3.60 m2			Per square metre.	
11	Providing and fixing HDF decorative laminate core board flooring AC4 class, 32 of KORNO ORIGINAL or equivalent as per the approved sample and shade placed over cushion of 2 mm thick expended polethene foam plus 100 Micron thick ploythene sheet under lay No.045 Beech West including boarder of required shade and colour complete in all respect upto all floor level including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	22.66 m2			Per square metre.	
12	Supplying and fixing 100 micron thick polythene sheet under corno flooring HDF including entire carriage of materials in all leads and lifts.	22.66 m2			Per square metre.	

13	Providing and fixing aluminium work for doors, windows ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron) including entire carriage of materials in all leads and lifts.	57.52 Kg.			Per Kilogramme.	
14	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 8 mm thickness (weight not less than 20 kg/ sqm) including entire carriage of materials in all leads and lifts.	11.52 m2			Per square metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.485612/-

Earnest money:-Rs.9800/-

Time allowed:-One month.

Name of work:-Construction of Type-II Quarters 3 Nos at Police Station building Kumarsain (SH:-Construction of P.C.C Retaining wall in front of Police Quarters at RD.0/016 to 0/025.50).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	18.62 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.	14.63 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.	94.62 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.	13.68 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY.

Estimated Cost:-Rs.272202/-
Earnest money:-5500/-
Time allowed:-Two months.

Name of work:-Construction of link road from Releshwa Banka Jubber Km.0/000 to 1/110 (SH:-Formation cutting 5/7 mtr. wide road Km.0/150 to 0/255).

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 97.38cum. 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.	1359.38 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% storage charges.


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.496463/-
Earnest money:-Rs.10000/-
Time allowed:-One month.

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.9/645 to 9/654, 10/210 to 10/218 & 10/255 to 10/261).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	25.02 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.	32.00 m3			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 P.C.C nominal mix 1:6:12(40mm aggregate) including entire carriage of materials in all leads and lifts.	8.68 m3			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.	91.53 m3			Per cubic metre.	
5	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	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.	9.78 m3			Per cubic metre.	
	Total:-					


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.484823/-

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:-C/O Retaining wall at RD.13/425 to 13/443).

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.	26.82 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 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.	7.20 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.	90.72 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.	10.80 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.498848/-
Earnest money:-Rs.10000/-
Time allowed:-One month.

Name of work:-Restoration of rain damages on Oddi Jogsha via Ghumana road Km.0/000 to 2/400 (SH:-Construction of P.C.C Breast wall at RD.1/088 to 1/091.50, 1/275 to 1/281.75 & Retaining wall at RD.1/400 to 1/411 & 1/437 to 1/450.20).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	76.18 m3			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	26.96 m3			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	95.70 m3			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	41 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.	11.35 m3			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY.

Estimated Cost:-Rs.290656/-
Earnest money:-5900/-
Time allowed:-Two months.

Name of work:-Construction of link road from Kushbag to Chhabog road Km.0/000 to 2/000(SH:-Widening of narrow stretches between Km.0/225 to 0/315 and construction of wire crate Retaining wall at RD.0/255 to 0/269.40).

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 169.17cum. 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.	650.70 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.	5.18 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.	20.74 m ³			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.165125

Earnest money:-Rs.3400/-

Time allowed:-One month.

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

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


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.499957/-
Earnest money:-Rs.10000/-
Time allowed:-Two months.

Name of work:-Construction of link road from Jeru Nallah to Serthi Km.0/000 to 1/540 (SH:-Construction of P.C.C Breast wall at RD.1/255 to 1/270, 1/271 to 1/286 and C/O P.C.C Retaining wall at RD.1/290 to 1/304).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	33.75 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.	39.90 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.	103.97 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.	29 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.	6.30 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Name of work:- Restoration of rain damage on Jimmu Nallah Jal road Km.0/000 to 5/000(SH:-C/O P.C.C Breast Wall at RD.1/000 to 1/020).

Estimated cost:-Rs.171752/-
Earnest money:-Rs.3500/-
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.	10.40 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.	33.00 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.	10 Nos			Each.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.328575/-
Earnest money:-Rs.6600/-
Time allowed:-Two months.

Name of work:-Improvement of Grade on Kirti Bhanana road Km.0/000 to 1/500 (SH:-Construction of P.C.C Edge wall, Providing and laying Grading-I, II & III at RD.0/940 to 0/970).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	11.10 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.	31.50 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.	16 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.	18.00 m ³			Per cubic metre.	
5	Filling in foundation trenches as per drawing and technical specification Clause 305.3.9 Earth filling (For marshy soil) including entire carriage of materials in all leads and lifts.	115.50 m ³			Per cubic metre.	

6	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three 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-1 as per Technical specification clause 405 By manual means including entire carriage of materials in all leads and lifts.	15.00 m ³			Per cubic metre.	
7	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three 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-2 as per Technical specification clause 405 By manual means including entire carriage of materials in all leads and lifts.	11.25 m ³			Per cubic metre.	
8	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three 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 including entire carriage of materials in all leads and lifts.	11.25 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.484562/-

Earnest money:-Rs.9700/-

Time allowed:-Two months.

Name of work:-A/R & M/O on Khalwan to Bankoti via Saroga road Km.0/000 to 3/990 (SH:-Construction of P.C.C Breast wall at RD.2/408 to 2/441).

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.	148.50 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.	17.16 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.	94.05 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.	31 Nos			Each.	
Total:-						


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

SCHEDULE OF QUANTITY

Name of work:-A/R & M/O on Khalwan to Bankoti via Saroga road Km.0/000 to 3/990 (SH:-Construction of P.C.C Retaining wall at RD.2/408 to 2/423).

Estimated cost:-Rs.489459/-

Earnest money:-Rs.9800/-

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.	7.80 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.	22.05 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.	97.20 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.	26 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.	15.30 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.453338/-

Earnest money:-Rs.9100/-

Time allowed:-One month.

Name of work:-A/R & M/O on Old H.T road from Rest House Luhri to Chill More Km.0//000 to 1/565 (SH:-Construction of P.C.C Retaining wall at RD.1/542 to 1/565).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	22.54 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.	23.23 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.	91.31 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.	40 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.	19.32 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.269934/-
Earnest money:-Rs.5400/-

Time allowed:-Two months.

Name of work:-A/R & M/O on Old H.T road from Rest House Luhri to Chill More Km.0//000 to 1/565 (SH:-Construction of wire crate Retaining wall at RD.0/235 to 0/242.20, 0/805 to 0/809.80, 0/950 to 0/954.80 & 1/527 to 1/541.40).

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.	14.69 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.	100.21 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.488286/-

Earnest money:-Rs.9800/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Panudhank to Kathen road Km.0//000 to 5/840 (SH:-Construction of P.C.C Retaining walls at RD.1/164 to 1/171,1/643 to 1/650 & 3/245 to 3/252).

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.	40.95 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.	17.71 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.	92.61 m ³			Per cubic metre.	
4	Back filling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 Granular material including entire carriage of materials in all leads and lifts.	10.50 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.	52 Nos			Each.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.123546/-

Earnest money:-Rs.2500/-

Time allowed:-One month.

Name of work:-Restoration of rain damage on Jimmu Nallah Jal road Km.0/000 to 5/000(SH:-C/O P.C.C Breast Wall at RD.1/300 to 1/315).

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.	6.75 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.	10.05 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.	23.62 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.	8 Nos			Each.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.488157/-
Earnest money:-Rs.9800/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on link road to village Teshan Km.0/000 to 2/750 (SH:-C/O P.C.C Retaining wall at RD.0/750 to 0/765 & Wire crate Retaining wall at RD.0/345 to 0/371.40).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	43.80 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.	19.25 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.	72.58 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.	52.65 m ³			Per cubic metre.	
5	Back filling behind abutment, retaining wall/breast wall including entire carriage of materials in all leads and lifts.	8.10 Cum			Per cubic metre.	

6	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) to wards drawing face complete as per drawing and technical specification clauses 614.709.1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	26 Nos			Each.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.490683/-
Earnest money:-Rs.9900/-
Time allowed:-One month.

Name of work:-Restortion of rain damages on link road to village Teshan Km.0/000 to 2/750 (SH:-C/O P.C.C Retaining wall at RD.1/105 to 1/125, Wire crate Retaining wall at RD.0/915 to 0/931.80 & RD. 0/300 to 0/316.80).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	32.68 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.	19.90 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 incuding entire carriage of mterials in all leads and lifts.	96.77 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.	39.40 m ³			Per cubic metre.	
5	Back filling behind abutment, retaining wall/breast wall including entire carriage of materials in all leads and lifts.	8.40 Cum			Per cubic metre.	

6	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614.709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	34 Nos			Each.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.414246/-

Earnest money:-Rs.8300/-

Time allowed:-Two months.

Name of work:-Restoration of rain damages on link road to village Bahli Km.0/000 to 2/000 (SH:-C/O P.C.C Breast wall at RD.1/900 to 1/908 & Retaining wall at RD.1/985 to 2/000 & 1/750 to 1/763).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	23.57 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.	23.97 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.	82.75 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.	12.21 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.495167/-
Earnest money:-Rs.10000/-
Time allowed:-One month.

Name of work:-Construction of road from Dokhari Nallah Rogha Kotgarh via Khobal Nallah Km.0/000 to 2/000(SH:-Construction of Retaining wall at RD.0/630 to 0/647).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	16.32 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.	13.26 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.	9.52 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.	100.98 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.	15 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.	1.50 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.489115/-
Earnest money:-Rs.9800/-
Time allowed:-Two months.

Name of work:-Construction of Oddi to Bagain Road Km.0/000 to 1/450 (SH:-C/O P.C.C Retaining wall & W-Metal Beam Crash barrier Railing at RD.0/866 to 0/888).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	27.06 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.	46.86 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.	77.88 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.	42 Nos			Each.	

5	Back filling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 Granular material including entire carriage of materials in all leads and lifts.	10.56 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 chanel vertical post 150x75x5 mm spaced 2m center to center, 1.8 m high, 1.1 m below ground/road level, all steel part and fitmets 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 150x75cx5mm,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.	22.00 Rmt.		Per running metre.	
Total:-					


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.496562/-
Earnest money:-Rs.10000/-
Time allowed:-Two months.

Name of work:-Construction of Oddi to Bagain Road Km.0/000 to 1/450 (SH:-C/O P.C.C Retaining wall & W-Metal Beam Crash barrier Railing at RD.0/840 to 0/860).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	26.20 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.	30.20 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.	81.40 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.	12.60 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 chanel vertical post 150x75x5 mm spaced 2m center to center, 1.8 m high, 1.1 m below ground/road level, all steel part and fitmets 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 150x75cx5mm,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.	20.00 Rmt.		Per running metre.	
Total:-					


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.453120/-

Earnest money:-Rs.9100/-

Time allowed:-One month.

Name of work:-A/R & M/O various roads under Kumarsain Sub-Division (SH:-Providing and fixing ABS Plastic cat eyes stud at various road under Kumarsain Sub-Division).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Providing and fixing ABS plastic cat eyes stud in specified colour having super high intensity retro-reflective micro prismatic touch oply cabonate lens with abraston resistant creamer coating and ultrasonic seald to high impcet Engineer grade thermoplastic body of 90x100x16mm (ninety x one hundred x sixteen milimetre) size having flex resistant base for fixing over road with epoxit or bituminous adhesive as per MOST & H specifications including entire carriage of materials and as per directions of Engineer-in-Charge.	1200 Nos			Each.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.490880/-

Earnest money:-Rs.9900/-

Time allowed:-One month.

Name of work:-A/R & M/O various roads under Kumarsain Sub-Division (SH:-Providing and fixing ABS Plastic cat eyes stud at various road under Kumarsain Sub-Division).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Providing and fixing ABS plastic cat eyes stud in specified colour having super high intensity retro-reflective micro prismatic touch oply cabonate lens with abrasion resistant creamer coating and ultrasonic seald to high impcet Engineer grade thermoplastic body of 90x100x16mm (ninety x one hundred x sixteen milimetre) size having flex resistant base for fixing over road with epoxi or bituminous adhesive as per MOST & H specifications including entire carriage of materials and as per directions of Engineer-in-Charge.	1300 Nos			Each.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.460672/-

Earnest money:-Rs.9300/-

Time allowed:-One month.

Name of work:-A/R & M/O various roads under Baragaon Sub-Division (SH:-Providing and fixing ABS Plastic cat eyes stud at various road under Baragaon Sub-Division).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Providing and fixing ABS plastic cat eyes stud in specified colour having super high intensity retro-reflective micro prismatic touch oply cabonate lens with abraston resistant creamer coating and ultrasonic seald to high impcet Engineer grade thermoplastic body of 90x100x16mm (ninety x one hundred x sixteen milimetre) size having flex resistant base for fixing over road with epoxi or bituminous adhesive as per MOST & H specifications including entire carriage of materials and as per directions of Engineer-in-Charge.	1220 Nos			Each.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.498432/-

Earnest money:-Rs.9900/-

Time allowed:-One month.

Name of work:-A/R & M/O various roads under Thanedhar Sub-Division (SH:-Providing and fixing ABS Plastic cat eyes stud at various road under Thanedhar Sub-Division).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Providing and fixing ABS plastic cat eyes stud in specified colour having super high intensity retro-reflective micro prismatic touch oply cabonate lens with abrastron resistant creamer coating and ultrasonic seald to high impcet Engineer grade thermoplastic body of 90x100x16mm (ninety x one hundred x sixteen millimetre) size having flex resistant base for fixing over road with epoxi or bituminous adhesive as per MOST & H specifications including entire carriage of materials and as per directions of Engineer-in-Charge.	1320 Nos			Each.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.498432/-

Earnest money:-Rs.10000/-

Time allowed:-One month.

Name of work:-A/R & M/O on Slapper Tattapani Suni Luhri road Km. 103/800 to 1120/800 (SH:-Providing and fixing ABS Plastic cat eyes stud at various RDS).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Providing and fixing ABS plastic cat eyes stud in specified colour having super high intensity retro-reflective micro prismatic touch oply cabonate lens with abraston resistant creamer coating and ultrasonic seald to high impcet Engineer grade thermoplastic body of 90x100x16mm (ninety x one hundred x sixteen millimetre) size having flex resistant base for fixing over road with epoxi or bituminous adhesive as per MOST & H specifications including entire carriage of materials and as per directions of Engineer-in-Charge.	1320 Nos			Each.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.198150/-

Earnest money:-Rs.4000/-

Time allowed:-One Month.

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

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


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.323463/-

Earnest money:-Rs.6500/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000 (SH:-Construction of P.C.C Retaining wall at RD.26/510 to 26/525).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	24.53 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.	63.00 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.	13.50 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.339537/-

Earnest money:-Rs.6800/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000 (SH:-Construction of P.C.C Retaining wall at RD.32/520 to 32/535).

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.	9.45 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.	15.00 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.	68.25 m ³			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia P.V.C 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.	10.80 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.499764/-

Earnest money:-Rs.100000/-

Time allowed:-Two months.

Name of work:-Restoration of rain damages on Narkanda Doza road Km.0/000 to 6/500 (SH:-Construction of P.C.C Retaining wall at RD.3/435 to 3/446.50).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	34.39 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.	20.82 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.	96.14 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.	14.49 m ³			Per cubic metre.	
Total:-						



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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.499965/-
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.1/400 to 4/500).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	WBM Grading 3:-Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 KN in stages to proper grade and camber, applying and brooming, stone screening to fill up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical specification clause 405 By manual means(Pot hole) including entire carriage of materials in all leads and lifts.	19.31 m ³			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.	257.51 m ²			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.	2248.34 m ²			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.377925/-

Earnest money:-Rs.7600/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Narkanda Thanedhar road Km.0/000 to 17/000 (SH:-C/O Retaining wall at RD.13/885 to 13/898).

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.	12.61 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.	11.83 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.	6.76 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.	68.91 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.	
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.	23.40 m ³			Per cubic metre.	
Total:-						


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