



**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

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

No. PW-KMS-AB-NIT/2022-23- 8065-67 Dated: - 07-09-2022

To

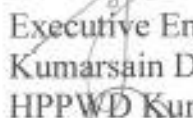
✓ The Executive Engineer (IT Cell),
HP, PWD, Shimla-2

Subject: -

Publication of Tender Notice

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

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


Executive Engineer,
Kumarsain Division,
HPPWD Kumarsain

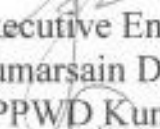
Copy to the Supertntending Engineer, 11th Circle,
HP.PWD., Rampur Bsr. for information please.

Copy to Drawing Branch in this office.

✓
Executive Engineer,
Kumarsain Division,
HPPWD Kumarsain

CERTIFICATE

CERTIFIED THAT THE TENDERS OF WORKS, AS
CALLED VIDE THIS OFFICE LETTER NO. PW-KMS-AB-NIT/ 2022-23-
8014-64 DATED 07-09-2022 ARE URGENT NATURE AND
PUBLIC INTEREST.



Executive Engineer,
Kumarsain Division,
HPPWD Kumarsain

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

NOTICE INVITING TENDER

Sealed item/percentage rate tenders are hereby invited by the Executive Engineer, Kumarsain Division, and HP.PWD. Kumarsain from the experienced contractors enlisted with PWD for B&R works, so as to reach in this office on or before **14.09.2022** up to **10:30 AM** and will be opened on same day at **11:00 AM** in the presence of intending contractors or their authorized representatives who may wish to be present.

The application for issue of tender form shall be received on **13.09.2022** up to **1.00 PM**. The tender form can be had from his office against cash payment (Non-refundable) on **13.09.2022** up to **5.00 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 :-** C/O link road from Thachru to Banka Jubber Km.0/000 to 1/100 (SH:- Formation Cutting 5/7 mtrs wide road in Km.0/780 to 0/960). Estimated Cost:-4,96,973/- Earnest Money:- 10000/- Time allowed:- Two Months.
2. **Name of Work:-** C/O link road from Chil More to Luhri via Lowan Km.0/000 to 1/565 (SH:- C/O Hume Pipe Culvert at Rd.1/330). Estimated Cost:-4,90,150/- Earnest Money:- 9900/- Time allowed:- One Months.
3. **Name of Work:-** Improvement of Dalan Nanja road Km.0/000 to 4/015 (SH:- Improvement of curves between Km.0/030 to 0/120 & C/O R/Wall at Rd.0/000 to 0/015). Estimated Cost:-4,59,908/- Earnest Money:- 9200/- Time allowed:- One Months.
4. **Name of Work:-** C/O link road from Kepu to Harijan Basti Arthi Km.0/000 to 3/000 (SH:- C/O Wire Crate R/Wall at Rd.1/465 to 4/474.60 & 1/585 to 1/606.60). Estimated Cost:-4,35,082/- Earnest Money:-8800/- Time allowed:- One Months.
5. **Name of Work:-** C/O link road from Khaneri to Balgar Km.0/000 to 1/300 (SH:- Formation Cutting 5/7 mtrs wide road in Km.0/810 to 1/030). Estimated Cost:-4,20,245/- Earnest Money:- 8500/- Time allowed:- Two Months.
6. **Name of Work:-** C/O Ambulance road from Devri to Tushar Km.0/000 to 1/705 (SH:- Formation Cutting 2.75/5.00 mtrs wide road in Km.1/150 to 1/390). Estimated Cost:-1,89,149/- Earnest Money:- 3800/- Time allowed:- Two Months.
7. **Name of Work:-** R/O R/D on Matiana Thathal Kangal Chamola road Km.26/000 to 42/635 (SH:- C/O Wire Crate Protection wall upstreem of water source at Rd.35/605 to 35/617.50). Estimated Cost:-1,04,240/- Earnest Money:- 2100/- Time allowed:- One Months.
8. **Name of Work:-** Imp. fo balck spot on Hattu Temple Km.0/000 to 6/245 (SH:- P/F of W-Metal Beam Crash Barrier Railing at Rd.3/510 to 3/570, 4/290 to 4/330 & 5/010 to 5/030). Estimated Cost: 4,99,494/- Earnest Money:- 10000/- Time allowed: One Month.
9. **Name of Work:-** C/O link road from Reheshwa Banka Jubber Km.0/000 to 1/110 (SH:- Formation Cutting 5/7 mtrs wide road in Km.0/960 to 1/110). Estimated Cost:-3,29,833/- Earnest Money:- 6600/- Time allowed: Two Months.
10. **Name of Work:-** A/R & M/O on link road to village Bahli Km.0/000 to 2/000 (SH:- C/O R/Wall at Rd.1/810 to 1/825). Estimated Cost:-1,60,751/- Earnest Money:- 3300/- Time allowed:- One Month.

11. **Name of Work:-** C/O 5/7 mtr wide link road from Kuhal to Dildhar in G.P. Mellan on Oddi Bithal Horticultur road Km.0/000 to 1/045 (SH:-Formation Cutting 5/7 mtr wide road in Km.0/000 to 0/135)..Estimated Cost:-4,97,605/- Earnest Money:- 10000/- Time allowed:- One Month.
12. **Name of Work:-** Imp.of black spot on Baragaon Machinkhad road Km.0/000 to 21/000 (SH:- Improvement of curves at Rd.16/725 to 16/750 & C/O Wire Crate R/Wall at Rd.16/720 to 16/732).Estimated Cost:-4,95,584/- Earnest Money:- 10000/- Time allowed:- One Month.
13. **Name of Work:-** A/R & M/O on link road to Ropri Bridge Km.0/000 to 1/135 (SH:- C/O R/Wall at Rd.0/080 to 0/100).Estimated Cost:-4,96,904/- Earnest Money:- 10000/- Time allowed:- One Month.
14. **Name of Work:-** R/O R/D on Oddi Khaneti Kotgarh road Km.0/000 to 21/000(SH:- C/O PCC R/Wall at Rd.12/750 to 12/755 & 12/764 to 12/775)..Estimated Cost:-4,58,660/- Earnest Money:- 9200/- Time allowed:- Two Months.
15. **Name of Work:-** A/R & M/O on Doza Madhawani road Km.0/000 to 1/280 (SH:- Repair of Pot Holes in Km.0/000 to 1/280).Estimated Cost:-4,24,293/- Earnest Money:- 8500/- Time allowed:- One Month.
16. **Name of Work:-** R/O R/D on Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000(SH:- C/O PCC R/Wall at Rd.0/845 to 0/850).Estimated Cost:-4,12,223/- Earnest Money:- 8300/- Time allowed:- One Month.
17. **Name of Work:-** Improvement of Kachinghatti Aur to Galani Kalmu road Km.0/000 to 2/300(SH:- C/O PCC B/Wall at Rd.2/195 to 2/211)..Estimated Cost:-4,42,672/- Earnest Money:- 8900/- Time allowed:- One Month.
18. **Name of Work:-** R/O R/D on Matiana Thathal Kangal Chamola road Km.26/000 to 42/635 (SH:-C/O PCC R/Wall at Rd.30/725 to 30/738.40). Estimated Cost:-3,88,658/- Earnest Money:- 7800/- Time allowed:- One Month.
19. **Name of Work:-** R/O R/D on Kumarsain Pharal road Km.0/000 to 7/645 (SH:-C/O PCC R/Wall at Rd.1/470 to 1/480 & 3/000 to 3/005). Estimated Cost:-2,51,752/- Earnest Money:- 5100/- Time allowed:- One Month.
20. **Name of Work:-** R/O R/D on Pharboona Pauchi road Km.0/000 to 3/800 (SH:-C/O PCC R/Wall at Rd.3/045 to 3/052, 1/690 to 1/696 & 2/750 to 2/755.60). Estimated Cost:-4,93,979/- Earnest Money:- 9900/- Time allowed:- One Month.
21. **Name of Work:-** Improvement of road geometries on Gharat Nallah Malhana upto Machhimadhawani Km.0/000 to 1/540 (SH:- C/O Wire Crate B/Wall at Rd.0/540 to 0/549.60, 1/090 to 1/109.20 & 1/330 to 1/344.60). Estimated Cost:-4,89,907/- Earnest Money:- 9800/- Time allowed:- One Month.
22. **Name of Work:-** R/O R/D on Nog Kirti road Km.0/000 to 9/165 (SH:-C/O PCC R/Wall at Rd.2/590 to 2/600).Estimated Cost:-3,06,285/- Earnest Money:- 6200/- Time allowed:- One Month.
23. **Name of Work:-** C/O Ambulance road from Luhri Suni to village Urshu Km.0/000 to 1/335 (SH:- Formation Cutting 2.75/5.00 mtrs wide road in Km.0/000 to 0/390).Estimated Cost:-4,98,698/- Earnest Money:- 10000/- Time allowed:- One Month.

Terms and conditions:-

1. The contractors shall produce their latest registration/renewal of their registration/GST No/EPF No along with their application.
2. The single/conditional tender will be rejected.
3. The offer shall remain valid up to 90 days.

Note:- The rates quoted by the contractors should be 5% above to 30 % below only otherwise the tenders will be rejected.

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

No.PW-KMS-AB-NIT/2022-23-

8014-64

Dated:- 07-09-2022

Copy to the Engineer-in-Chief, HP.PWD., Shimla-2.

Copy to the Deputy Commissioner Shimla, District Shimla (H.P)

Copy to the Sub-Divisional Officer © Kumarsain, Distt. Shimla (H.P.)

Copy to the Superintending Engineer, XIth Circle, HP.PWD., Rampur.

Copy to Block Development office, Narkanda Distt. Shimla, (H.P.)

Copy to all Assistant Engineers under this Division for information & n.a.

Copy to various contractors for information.

Copy to Notice Board of this office,

Executive Engineer,
Kumarsain Division,
HP.PWD. Kumarsain

SCHEDULE OF QUANTITY.

Estimated Cost:-Rs.496973/-

Earnest money:-10000/-


Time allowed:-Two months.

Name of work:-Construction of link road from Thachru to Banka Jubber Km.0/000 to 1/100 (SH:-Formation cutting 5/7 mtr. wide road in Km.0/780 to 0/960).

S.No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	5/7 meters wide (5 meters wide in straight and 7 meters on curves) Excavation in soil in hilly area by mechanical means including cutting and trimming of side slopes and disposal of excavated earth in all height and depths in all kinds of soil, including saturated soil comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock where blasting is prohibited and their intermediate classification of soils including dewatering wherever required, setting out true to the required lines, grades, side, slopes, trimming of bottom and levels as shown on the drawing and as directed by the Engineer-in Charge, at site according to the HP.PWD specification of 1990 volume-I and sorting out useful and un-useful material and stacking the same in all leads and lifts and transportation of the un-serviceable materials for filling in roadways, embankment s for grade improvement and leveling to required grades and then disposing of all surplus excavated materials in acquired width of the road or on approved dumping site /sites through all labours machineries materials, tools, equipments and safety measures and other incidental necessary to complete the work by mechanical means and or labour if any required. The recovery for stones, whether useful or not for 225.74 (Two hundred twenty five point seventy four) Cubic Meter in all cases at the rate of Rupees 300/- only (Rupees three hundred only) per cubic meter shall be effected on pro rata basis in all circumstances. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	2043.98 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.490150/-

Earnest money:-Rs.9900/-

Time allowed:-One month.

Name of work:-Construction of link road from Chill More to Luhri via Lowan Km. 0/000 to 1/565 (SH:-C/O Hume pipe culvert at RD.1/330).

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.	9.17 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.	21.67 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.	4.66 m ³			Per cubic metre.	
4	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802,803,1202 & 1203 P.C.C. grade M10 nominal mix 1:3:6 including entire carriage of materials in all leads and lifts.	15.6 m ³			Per cubic metre.	
5	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	70.98 m ³			Per cubic metre.	
6	Laying reinforced cement concrete pipe NP ² for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection work, back filling, concrete and masonry work in head walls and parapets clause 1108, 900mm including entire carriage of materials in all leads and lifts (L.R).	7.50 Rmt.			Per running metre	

7	Back filling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 Granular material including entire carriage of materials in all leads and lifts.	10.50 m ³			Per cubic metre.	
8	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	24 Nos			Each.	
Total:-						


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

SCHEDULE OF QUANTITY.

Estimated Cost:-Rs.459908/-

Earnest money:-Rs.9200/-

Time allowed:-One month.

Name of work:-Improvement of Dalan Nanja road Km.0/000 to 4/015(SH:-Improvement of curve between Km.0/030 to 0/120 & Construction of Retaining wall at RD.0/000 to 0/015).

S.No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	5.7 meters wide (5 meters wide in straight and 7 meters on curves) Excavation in soil in hilly area by mechanical means including cutting and trimming of side slopes and disposal of excavated earth in all height and depths in all kinds of soil, including saturated soil comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock where blasting is prohibited and their intermediate classification of soils including dewatering wherever required, setting out true to the required lines, grades, side, slopes, trimming of bottom and levels as shown on the drawing and as directed by the Engineer-in Charge, at site according to the HP.PWD specification of 1990 volume-I and sorting out useful and un-useful material and stacking the same in all leads and lifts and transportation of the un serviceable materials for filling in roadways, embankment s for grade improvement and leveling to required grades and then disposing of all surplus excavated materials in acquired width of the road or on approved dumping site /sites through all labours machineries materials, tools, equipments and safety measures and other incidental necessary to complete the work by mechanical means and or labour if any required. The recovery for stones, whether useful or not for 89.05 (Eighty nine point zero five) Cubic Meter in all cases at the rate of Rupees 300/- only (Rupees three hundred only) per cubic meter shall be effected on pro rata basis in all circumstances. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	306.24 m3			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	13.88 m3			Per cubic metre.	
3	Providing and laying concrete for plain reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	63.38 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.	27 Nos			Each	
5	Back filling behind retaining wall/breast wall including entire carriage of materials in all leads and lifts.	22.20 m3			Per cubic metre.	
G.Total:-						

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

- | | | |
|---|--------------------------|------------------------|
| 1 | Gelatine @ Rs.85/Per Kg. | } +3% storage charges. |
| 2 | Detonator @ Rs.5 Each. | |
| 3 | S.F coil @ Rs.30/Coil | |
| 4 | Cement @ 277/Bag. | |


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

DRAFT SCHEDULE OF QUANTITY

Estimated cost:-Rs.435082/-

Earnest money:-Rs.8800/-

Time allowed:-One month.

Name of work:-Construction of link road from Kepu to Harijan Basti Arthi Km.0/000 to 3/000(SH:-Construction of Wire Crate Retaining wall at RD.1/465 to 1/474.60 & 1/585 to 1/606.60).

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.	59.18 m3			Per cubic metre.	
2	Providing and laying of boulder apron laid in wire crates with 4mm dia GI wire conforming to IS:280 and IS: 4826 in 100mmx100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg. each as per drawing and technical specification Clause 1301 including entire carriage of materials in all leads and lifts.	169.34 m3			Per cubic metre.	
	Total:-					


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

SCHEDULE OF QUANTITY.

Estimated Cost:-Rs.420245/-

Earnest money:-8500/-

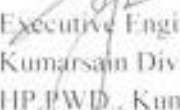
Time allowed:-Two months.

Name of work:-Construction of link road from Khaneri to Balgar Km.0/000 to 1/300 (SH:-Formation cutting 5/7 mtr. wide road in Km.0/810 to 1/030).

S.No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	5/7 meters wide (5 meters wide in straight and 7 meters on curves) Excavation in soil in hilly area by mechanical means including cutting and trimming of side slopes and disposal of excavated earth in all height and depths in all kinds of soil, including saturated soil comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock where blasting is prohibited and their intermediate classification of soils including dewatering wherever required, setting out true to the required lines, grades, side, slopes, trimming of bottom and levels as shown on the drawing and as directed by the Engineer,-in Charge, at site according to the HP.PWD specification of 1990 volume-I and sorting out useful and un-useful material and stacking the same in all leads and lifts and transportation of the un serviceable materials for filling in roadways, embankment s for grade improvement and leveling to required grades and then disposing of all surplus excavated materials in acquired width of the road or on approved dumping site sites through all labours machineries materials, tools, equipments and safety measures and other incidental necessary to complete the work by mechanical means and or labour if any required. The recovery for stones, whether useful or not for 151.06 (One hundred fifty one point six) Cubic Meter in all cases at the rate of Rupees 300/- only (Rupees three hundred only) per cubic meter shall be effected on pro rata basis in all circumstances. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	1989.70 m3			Per cubic metre.	0.00
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.189149/-

Earnest money:-3800/-


Time allowed:-Two months.

Name of work:-Construction of Ambulance road from Devri to Tusher Km.0/000 to 1/705(SH:-Formation cutting 2.75/5.00 mtr. wide road in Km. 1/150 to 1/390).

S.No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	2.75/5.00 meters wide (2.75 meters wide in straight and 5.00 meters on curves) Excavation in soil in hilly area by mechanical means including cutting and trimming of side slopes and disposal of excavated earth in all height and depths in all kinds of soil, including saturated soil comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock where blasting is prohibited and their intermediate classification of soils including dewatering wherever required, setting out true to the required lines, grades, side, slopes, trimming of bottom and levels as shown on the drawing and as directed by the Engineer-in Charge, at site according to the HP.PWD. specification of 1990 volume-I and sorting out useful and un-useful material and stacking the same in all leads and lifts and transportation of the un serviceable materials for filling in roadways, embankment s for grade improvement and leveling to required grades and then disposing of all surplus excavated materials in acquired width of the road or on approved dumping site sites through all labours machineries materials, tools, equipments and safety measures and other incidental necessary to complete the work by mechanical means and or labour if any required. The recovery for stones, whether useful or not for 59.51 (fifty nine point fifty one) Cubic Meter in all cases at the rate of Rupees 300/- only (Rupees three hundred only) per cubic meter shall be effected on pro rata basis in all circumstances. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	952.65 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.104240/-

Earnest money:-Rs.2100/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Matiana Thathal Kangal Chamola road Km.26/000 to 42/635(SH:-Construction of Wire Crate Protection wall upstream of water source at RD.35/605 to 35/617.50).

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.	5.98 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.	41.47 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.499494/-

Earnest money:-Rs.10000/-

Time allowed:-One Month

Name of work:-Improvement of Black spot on Hattu Temple road Km.0/000 to 6/245 (SH:-Providing and Fixing of W-Metal Beam Crash barrier Railing at RD. 3/510 to 3/570, 4/290 to 4/330 & 5/010 to 5/030).

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.	6.12 m ³			Per cubic metre.	
2	Providing concrete for plain/reinforced concrete in opens foundation complete as per drawings and technical specifications clause 802, 803, 1202 & 1203 P.C.C M-15 nominal mix (1:2.5:5) including entire carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge.	6.12 m ³			Per cubic metre.	
3	Providing and erecting a "W" metal beam crash barrier comprising of 3mm thick corrugated sheet metal rail 70 cm. above road/ground level fixed on ISMC series channel vertical post 150x75x5 mm spaced 2m center to center, 1.8 m high, 1.1 m below ground/road level, all steel part and fitments to be galvanised by not dip process, all fitting to conforms to IS: 1367 and IS: 1364 metal beam rail to be fixed on the vertical post with a spacer of channel section 150x75x5mm,330mm long complete as per clause 810 including entire carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge.	130.00 Rmt.			Per running metre.	
	G.Total:-					


Executive Engineer,
Kumarsain Division,
LUDHIANA

SCHEDULE OF QUANTITY.

Estimated Cost:-Rs.329833/-

Earnest money:-6600/-


Time allowed:-Two months.

Name of work:-Construction of link road from Reheshwa Banka Jubber Km.0/000 to 1/110 (SH:-Formation cutting 5/7 mtr. wide road in Km.0/960 to 1/110).

S.No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	5/7 meters wide (5 meters wide in straight and 7 meters on curves) Excavation in soil in hilly area by mechanical means including cutting and trimming of side slopes and disposal of excavated earth in all height and depths in all kinds of soil, including saturated soil comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock where blasting is prohibited and their intermediate classification of soils including dewatering wherever required, setting out true to the required lines, grades, side, slopes, trimming of bottom and levels as shown on the drawing and as directed by the Engineer-in Charge, at site according to the HP.PWD specification of 1990 volume-I and sorting out useful and un-useful material and stacking the same in all leads and lifts and transportation of the un serviceable materials for filling in roadways, embankment s for grade improvement and leveling to required grades and then disposing of all surplus excavated materials in acquired width of the road or on approved dumping site sites through all labours machineries materials, tools, equipments and safety measures and other incidental necessary to complete the work by mechanical means and or labour if any required. The recovery for stones, whether useful or not, for 132.76 (One hundred thirty two point seventy six) Cubic Meter in all cases at the rate of Rupees 300/- only (Rupees three hundred only) per cubic meter shall be effected on pro rata basis in all circumstances. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	1404.80 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.170173/-

Earnest money:-Rs.3450/-

Time allowed:-One month.

Name of work:-A/R & M/O on link road to village Bahli Km.0/000 to 2/000 (SH:-Construction of Retaining wall at RD. 1/810 to 1/825).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	14.91 m3			Per cubic metre.	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	30.38 m3			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3/7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	28 Nos			Each.	
4	Back filling behind retaining wall/breast wall including entire carriage of materials in all leads and lifts.	7.61 m3			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY.

Estimated Cost:-Rs.497605/-

Earnest money:-10000/-


Time allowed:-One month.

Name of work:-Construction of 5/7 mtr. wide link road from Kuhl to Dildhar in G.P. Mellan on Oddi Bithal Horticulture road Km.0/000 to 1/045 (SH:-Formation cutting 5/7 mtr. wide road in Km.0/000 to 0/135).

S.No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	5/7 meters wide (5 meters wide in straight and 7 meters on curves) Excavation in soil in hilly area by mechanical means including cutting and trimming of side slopes and disposal of excavated earth in all height and depths in all kinds of soil, including saturated soil comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock where blasting is prohibited and their intermediate classification of soils including dewatering wherever required, setting out true to the required lines, grades, side, slopes, trimming of bottom and levels as shown on the drawing and as directed by the Engineer-in Charge, at site according to the HP.PWD specification of 1990 volume-I and sorting out useful and un-useful material and stacking the same in all leads and lifts and transportation of the un serviceable materials for filling in roadways, embankment s for grade improvement and leveling to required grades and then disposing of all surplus excavated materials in acquired width of the road or on approved dumping site /sites through all labours machineries materials, tools, equipments and safety measures and other incidental necessary to complete the work by mechanical means and or labour if any required. The recovery for stones, whether useful or not for 310.91 (Three hundred ten point ninety one) Cubic Meter in all cases at the rate of Rupees 300/- only (Rupees three hundred only) per cubic meter shall be effected on pro rata basis in all circumstances. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	1449.39 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.495584/-

Earnest money:-10000/-

Time allowed:-One month.

Name of work:-Improvement of black spot on Baragaon to Machinkhad road Km.0/000 to 21/000 (SH:-Improvement of curves at RD.16/725 to 16/750 & Construction of wire crate retaining wall at RD.16/720 to 16/732).

S.No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	5/7 meters wide (5 meters wide in straight and 7 meters on curves) Excavation in soil in hilly area by mechanical means including cutting and trimming of side slopes and disposal of excavated earth in all height and depths in all kinds of soil, including saturated soil comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock where blasting is prohibited and their intermediate classification of soils including dewatering wherever required, setting out true to the required lines, grades, side, slopes, trimming of bottom and levels as shown on the drawing and as directed by the Engineer-in Charge, at site according to the HP.PWD specification of 1990 volume-I and sorting out useful and un-useful material and stacking the same in all leads and lifts and transportation of the un serviceable materials for filling in roadways, embankment s for grade improvement and leveling to required grades and then disposing of all surplus excavated materials in acquired width of the road or on approved dumping site /sites through all labours machineries materials, tools, equipments and safety measures and other incidental necessary to complete the work by mechanical means and or labour if any required . The recovery for stones, whether useful or not for 33.72 (thirty three point seventy two) Cubic Meter in all cases at the rate of Rupees 300/- only (Rupees three hundred only) per cubic meter shall be effected on pro-rata basis in all circumstances. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	132.25 m3			Per cubic metre.	
2	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	60.48 m3			Per cubic metre.	

3	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	12.60 m ³			Per cubic metre.	
4	Providing and laying of boulder apron laid in wire crates with 4mm dia GI wire conforming to IS:280 and IS: 4826 in 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.	138.24 m ³			Per cubic metre.	
5	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	12.96 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.496904/-

Earnest money:-Rs.10000/-

Time allowed:-One month.

Name of work:-A/R & M/O on link road to Ropri bridge Km.0/000 to 1/135(SH:-Construction of Retaining wall at RD.0/080 to 0/100).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	23.40 m ³			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	24.40 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.	6.40 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.	92.00 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.	54 Nos			Each.	
6	Back filling behind retaining wall/breast wall including entire carriage of materials in all leads and lifts.	10.00 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY


Estimated cost:-Rs.458660/-

Earnest money:-Rs.9200/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Oddi Khaneti Kotgarh road Km.0/000 to 21/000 (SH:-Construction of P.C.C Retaining wall at RD. 12/750 to 12/755 & 12/764 to 12/775).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	28.36 m3			Per cubic metre.	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	79.40 m3			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614.709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	41 Nos			Each.	
4	Back filling behind retaining wall/breast wall including entire carriage of materials in all leads and lifts.	16.88 m3			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.424293/-


Earnest money:-Rs.8500/-

Time allowed:-One month.

Name of work:-A/R & M/O on Doza Madhwani road Km 0/000 to 1/280(SH:-Repair of pot holes in Km.0/000 to 1/280).

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 including entire carriage of materials in all leads and lifts.	19.05 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.	253.94 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 Premixed with bitumen(VG-10) including entire carriage of materials in all leads and lifts as per direction of the Engineer-in-charge.	1671.41 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.412223/-

Earnest money:-Rs.8300/-

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.0/845 to 0/850).

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.	27.00 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.	72.80 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.	32 Nos			Each.	
4	Back filling behind retaining wall/breast wall including entire carriage of materials in all leads and lifts.	12.55 m ³			Per cubic metre.	
G. Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.442672/-

Earnest money:-Rs.8900/-

Time allowed:-One month.

Name of work:-Improvement of Kachinghatti Aur to Galani Kalmu road Km.0/000 to 2/300 (SH:-Construction of P.C.C Breast wall at RD.2/195 to 2/211).

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.	33.28 m ³			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	20.16 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.	84.48 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.	
G. Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.388658/-

Earnest money:-Rs.7800/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Matiana Thathal Kangal Chamola road Km.26/000 to 42/635(SH:-Construction of P.C.C. Retaining wall at RD.30/725 to 30/738.40).

S. No.	Sub-Head/Items of work.	Quantity	Rate		Unit.	Amount
			In fig.	In words.		
1	Excavation in soil in full area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	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.	10.85 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.	64.32 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.	38 Nos.			Each.	
5	Back filling behind retaining wall/breast wall including entire carriage of materials in all leads and lifts.	15.68 m ³			Per cubic metre.	
G. Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.251752/-

Earnest money:-Rs.5100/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Kumarsain Pharal road Km.0/000 to 7/645(SH:-Construction of P.C.C Retaining wall at RD.1/470 to 1/480 & 3/000 to 3/005).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	17.40 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.	8.65 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.	46.45 m ³			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	24 Nos			Each.	
5	Back filling behind retaining wall/breast wall including entire carriage of materials in all leads and lifts.	5.70 m ³			Per cubic metre.	
	G. Total:-					


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.493979/-

Earnest money:-Rs.9900/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Pharboona Pauchi road Km.0/000 to 3/800 (SH:-Construction of P.C.C Retaining wall at RD.3/045 to 3/052, 1/690 to 1/696 & 2/750 to 2/755.60).

S. No.	Sub-Head Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	29.10 m ³			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	15.46 m ³			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	83.12 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.	36 Nos			Each.	
5	Back filling behind retaining wall/breast wall including entire carriage of materials in all leads and lifts.	11.52 m ³			Per cubic metre.	
	G. Total:-					


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

SCHEDULE OF QUANTITY


Estimated cost:-Rs.489907/-

Earnest money:-Rs.9800/-

Time allowed:-One month.

Name of work:-Improvement of road geometrics on Gharat Nalah Malhana upto Machhimadhwani Km.0/000 to 1/540(SH:-Construction of Wire Crate Breast wall at RD.0/540 to 0/549.60, 1/090 to 1/109.20 & 1/330 to 1/344.60).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	94.18 m ³			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	24.78 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 130) incuding entire carriage of mterials in all leads and lifts.	160.70 m ³			Per cubic metre.	
	Total:-					


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

SCHEDULE OF QUANTITY


Estimated cost:-Rs.306285/-

Earnest money:-Rs.6200/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Nog Kirti road Km.0/000 to 9/165(SH:-C/O P.C.C Retaining wall at RD.2/590 to 2/600).

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.	15.90 m3			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	8.20 m3			Per cubic metre.	
3	Providing and laying concrete for plain reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	51.10 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.	27 Nos			Each.	
5	Back filling behind retaining wall/breast wall including entire carriage of materials in all leads and lifts.	9.20 m3			Per cubic metre.	
	G. Total:-					


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

SCHEDULE OF QUANTITY.

Estimated Cost:-Rs.498698/-

Earnest money:-10000/-

Time allowed:-Three months.

Name of work:-Construction of Ambulance road from Luhri Suni to village Urshu Km.0/000 to 1/335 (SH:-Formation cutting 2.75/5.00 mtr. wide road in Km.0/000 to 0/390).

S.No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	5/7 meters wide (5 meters wide in straight and 7 meters on curves) Excavation in soil in hilly area by mechanical means including cutting and trimming of side slopes and disposal of excavated earth in all height and depths in all kinds of soil, including saturated soil comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock where blasting is prohibited and their intermediate classification of soils including dewatering wherever required, setting out true to the required lines, grades, side, slopes, trimming of bottom and levels as shown on the drawing and as directed by the Engineer.-in Charge, at site according to the HP.PWD specification of 1990 volume-I and sorting out useful and un-useful material and stacking the same in all leads and lifts and transportation of the un serviceable materials for filling in roadways, embankment s for grade improvement and leveling to required grades and then disposing of all surplus excavated materials in acquired width of the road or on approved dumping site sites through all labours machineries materials, tools, equipments and safety measures and other incidental necessary to complete the work by mechanical means and or labour if any required, The recovery for stones, whether useful or not for 193.61 (one hundred ninety three point sixty one) Cubic Meter in all cases at the rate of Rupees 300/- only (Rupees three hundred only) per cubic meter shall be effected on pro rata basis in all circumstances. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	2265.16 m3			Per cubic metre.	
G.Total:-						

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

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|---|-----------------------------|------------------------|
| 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.