

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

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

5640-41

Dated: - 02/09/2021

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

Subject: -

Publication of Tender Notice

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

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

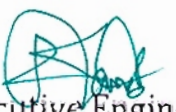

Executive Engineer,
Kumarsain Division,
HPPWD Kumarsain

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


Executive Engineer,
Kumarsain Division,
HPPWD Kumarsain

CERTIFICATE

CERTIFIED THAT THE TENDERS OF WORKS , AS CALLED
VIDE THIS OFFICE LETTER NO. PW-KAMES-AB-NIT-/2021.....^{SS40-89}DATED
02-09-2021 ARE OF URGENT NATURE.


Executive Engineer,
Kumarsain Division,
HP.PWD, Kumarsain

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

NOTICE INVITING TENDER

Sealed item/percentage rate tenders are hereby invited by the Executive Engineer, Kumarsain Division, and HP.PWD. Kumarsain from the experienced contractors enlisted with PWD for B&R works, so as to reach in this office on or before 10.09.2021 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 09.09.2021 up to 5:00 PM . The tender form can be had from his office against cash payment (Non-refundable) on 10.09.2021 up to 1.00 P.M.

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

1. **Name of Work:-** Restoration of rain damages on Manjaban Bhutti road Km. 0/000 to 1/000 (SH:- C/O P.C.C. Retaining Wall at RD. 0/100 to 0/120, 0/200 to 0/209 & 0/270 to 0/279). Estimated Cost:- Rs. 4,98,146/- Earnest Money:- 10,000/- Time allowed: -Two Months.
2. **Name of Work:-** Restoration of rain damages on Bhutti Lauga road Km. 0/000 to 2/400 (SH:- C/O P.C.C. Retaining Wall at RD. 0/855 to 0/864). Estimated Cost:- Rs. 2,15,527/- Earnest Money:- 4400/- Time allowed: -One Month.
3. **Name of Work:-** Improvement of black spot on Oddi Khaneti Kotgarh road Km. 0/000 to 21/000 (SH:- Providing & fixing W-Metal beam Crash barrier railing in KM. 1/260 to 1/324). Estimated Cost. Rs. 2,26,211/- Earnest Money:- 4,600/- Time allowed: -One Months.
4. **Name of Work:-** Restoration of rain damages on Baragaon Machinekhad Road Km. 0/000 to 21/400 (SH:- C/O P.C.C. Retaining Wall at RD. 14/988 to 14/997 & 15/623 to 15/630). Estimated Cost:- Rs. 3,49,722/- Earnest Money:- 7,000/- Time allowed: -Two Months.
5. **Name of Work:-** Restoration of rain damages on Narkanda Thanedhar Kotgarh Bithal Road Km. 0/000 to 44/000 (SH:- Construction of PCC Retaining Wall at Rd. 15/920 to 15/932 & 16/180 to 16/195). Estimated Cost. Rs. 3,80,856/- Earnest Money:- 7,700/- Time allowed: -One Month.
6. **Name of Work:-** Construction of link road from Kachinghatti to Nag Km. 0/000 to 1/720 (SH:- Formation Cutting 5/7 Mtr. wide road between Km. 1/720 to 1/975). Estimated Cost.3,41,889/- Earnest Money:- 6,900/- Time allowed: -Two Months.
7. **Name of Work:-** Restoration of rain damages on link road to village Mellan Km. 0/000 to 2/000 (SH:- P.C.C. Retaining Wall at RD. 0/960 to 0/966, 1/265 to 1/275 & C/O Breast Wall at RD. 1/765 to 1/770 & 1/018 to 1/024). Estimated Cost. Rs. 4,08,559/- Earnest Money Rs. 8,200/- Time allowed: -One Month.
8. **Name of Work:-** Chargeable to Stock Storage at PWD Store at Baragaon Sub-Division (SH:- Supplying of retro-reflectorised sign board at PWD Store Baragaon). Estimated Cost. Rs. 2,38,378/- Earnest Money:- 5800/- Time allowed: -One Month.
9. **Name of Work:-** Restoration of rain damages on Oddi Khaneti Kotgarh road Km. 0/000 to 21/000 (SH:- Providing and laying Kharanja Stone Soling Km. 20/540 to 20/615, V-Shape side drain Km. 20/540 to 20/645, C/O P.C.C. Retaining Wall at RD. 20/285 to 20/295 & Breast Wall at RD. 20/495 to 20/506). Estimated Cost. Rs. 4,60,664/- Earnest Money Rs. 9,300/- Time allowed: -Two Months.
10. **Name of Work:-** Construction of road from Chimla to Skundi Km. 0/000 to 1/020 (SH:- C/O P.C.C. Retaining wall at Rd. 0/950 to 0/980). Estimated Cost. Rs. 4,46,926/- Earnest Money:- 9,000/- Time allowed: -One Month.

11. **Name of Work:-** A/R & M/O Satya Nand Stock Memorial Rest House Building at Thanedhar (SH:- Providing and fixing G.I. Fitting main line to Rest House Building.). Estimated Cost. Rs. 1,34,392/- Earnest Money:- 2700/- Time allowed: -Two Months.
12. **Name of Work:-** Improvement of Black spot on various roads under Kumarsain Sub-Division (SH:- Providing and laying Hot applied Thermoplastic Compound 2.5mm thick on various road under Kumarsain Sub-Division). Estimated Cost.3,30,204/- Earnest Money:- 6700/- Time allowed: -One Month.
13. **Name of Work:-** Construction of Kachinghatti to Aur Kalmu Galani road Km. 0/000 to 2/300 (SH:- Formation cutting 5/7mtr. wide road bifurcated from Km. 2/015 leg Km. 0/000 to 0/060). Estimated Cost. Rs. 2,02,842/- Earnest Money:- 4,100/- Time allowed: -One Month.
14. **Name of Work:-** Improvement of link road from Chhiddi to Nautor via Shella Km. 0/000 to 1/820(SH:- Improvement of Narrow curves between Km. 0/000 to 0/120). Estimated Cost. Rs. 2,78,376/- Earnest Money:- 5600/- Time allowed: -One Month.
15. **Name of Work:-** A/R & M/O Rest House at Kotgarh & Rest House Thanedhar (SH:- Clearing of Septic tank). Estimated Cost. Rs. 1,06,220/- Earnest Money:- 2200/- Time allowed: -One Month.
16. **Name of Work:-** Restoration of rain damages on link road from Kachoti Khad to Kateri Km. 0/000 to 1/500 (SH:- C/O Wire Crate Breast Wall at Rd. 0/800 to 0/528). Estimated Cost. Rs. 2,02,717/- Earnest Money:- 4100/- Time allowed: -One Month.
17. **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. 18/810 to 18/820 & 20/280 to 20/295). Estimated Cost. Rs. 4,20,286/- Earnest Money:- 8,500/- Time allowed: -One Month.
18. **Name of Work:-** A/R & M/O Circuit House Narkanda (SH:- Providing and Laying wiparquet laminate & Providing and fixing non woven carpet). Estimated Cost. Rs. 4,37,221/- Earnest Money:- 8800/- Time allowed: -One Month.
19. **Name of Work:-** A/R & M/O Circuit House Narkanda (SH:- Providing and fixing Non woven carpet). Estimated Cost. Rs. 2,86,079/- Earnest Money:- 5800/- Time allowed: -One Month.
20. **Name of Work:-** Improvement of black spot on Chajoli Kharola Road Km. 0/000 to 1/000 (SH:- C/O P.C.C. Retaining Wall at RD. 0/845 to 0/850, Breast Wall at Rd. 0/575 to 0/589, Providing and fixing W-Metal beam Crash barrier railing in KM. 0/600 to 0/630). Estimated Cost. Rs. 3,35,951/- Earnest Money:- 6800/- Time allowed: -Two Months.
21. **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). Estimated Cost. Rs. 4,53,120/- Earnest Money:- 9100/- Time allowed: -One Month.
22. **Name of Work:-** A/R & M/O on link road Gharal Nanja upto Kanrol Km. 0/000 to 4/195 (SH:- Providing and laying Hot applied thermoplastic compound 2.5mm thick Km. 0/000 to 2/000). Estimated Cost.1,39,019/- Earnest Money Rs. 2800/- Time allowed: -One Month.
23. **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. 13/631 to 13/641 & Breast Wall at RD. 16/266 to 16/276). Estimated Cost. Rs. 4,21,484/- Earnest Money:- 8500/- Time allowed: - Two Months.
24. **Name of Work:-** A/R & M/o on Various road under Kumarsain Division (SH:- Binding of office records file with card board file with card board on both side of file in respect of Bill Branch, Accounts Branch & Correspondence Branch). Estimated Cost.2,43,939/- Earnest Money:- 4900/- Time allowed: -One Months.
25. **Name of Work:-** Construction of Sub-Tehsil Building at Kotgarh, Distt. Shimla (HP) (SH:- Providing and fixing aluminum fitting etc.). Estimated Cost.1,18,332/- Earnest Money:- 2400/- Time allowed: -One Months.
26. **Name of Work:-** A/R & M/o E.E. residence (OLD Division Office) at Kumarsain (SH:- Painting exterior, interior & Roof etc.). Estimated Cost.1,60,351/- Earnest Money:- 3300/- Time allowed: - One Months.
27. **Name of Work:-** Restoration of rain damages on link road to village Kufri Km. 0/000 to 2/615 (SH:- C/O P.C.C. Retaining Wall at Rd. 2/005 to 2/020, 2/200 to 2/206, Breast Wall at RD. 2/010 to 2/015 & 2/605 to 2/615). Estimated Cost. Rs. 4,71,248/- Earnest Money:- 9500/- Time allowed: - One Month.
28. **Name of Work:-** Improvement of black spot on Narkanda Thanedhar Kotgarh Bithal Road Km. 0/000 to 44/000(Portion Km. 0/000 to 5/000 (SH:-Improvement of narrow corves at Rd. 1/690 to

1/730, 2/210 to 2/555, 2/290 to 2/610, 2/715 to 2/740, 3/855 to 3/885, 3/915 to 3/975, 4/000 to 4/045 & 4/370 to 4/390). Estimated Cost. Rs. 3,79,289/- Earnest Money:- 7600/- Time allowed: - Two Months.

29. **Name of Work:-** A/R & M/O on Matiana to Chamola via Thathal Kotighat Kangal road Km.0/000 to 42/636 (Portion between Thathal to Chamola Km.26/000 to 42/635) (SH:- P/L G-III in Patches, Priming Coat SS-1, Repair of pot holes between Km. 33/300 to 35/000). Estimated Cost:- 4,92,073/- Earnest Money:- 9900/- Time allowed: -Three Months.
30. **Name of Work:-** Restoration of rain damages on Kumarsain Pharal Road Km. 0/000 to 7/645 (SH:- C/O P.C.C. Retaining Wall at RD. 7/169 to 7/181 & 7/155 to 7/163). Estimated Cost.3,14,909/- Earnest Money Rs. 6300/- Time allowed: -Two Months.
31. **Name of Work:-** Restoration of rain damages on Kumarsain Pharal Road Km. 0/000 to 7/645 (SH:- C/O P.C.C. Breast Wall at RD. 7/560 to 7/580). Estimated Cost.3,54,614/- Earnest Money Rs. 7100/- Time allowed: -Two Months.
32. **Name of Work:-** Improvement of link road from Chhiddi to Nautor via Shella Km. 0/000 to 1/820(SH:- C/O Breast Wall at RD. 0/428 to 0/440 & 0/390 to 0/402). Estimated Cost. Rs. 3,73,900/- Earnest Money:- 7500/- Time allowed: -Two Months.
33. **Name of Work:-** Improvement of link road Kepu to Harijan Basti Arthi Km. 0/000 to 2/500 (SH:- Construction of P.C.C. Breast Wall at RD. 0/005 to 0/010). Estimated Cost. Rs. 1,52,378/- Earnest Money:- 3100/- Time allowed: -One Month.
34. **Name of Work:-** A/R & M/O on link road to Hattu Temple Km. 0/000 to 6/245 (SH:- Construction of P.C.C. Retaining Wall at RD. 1/575 to 1/585 & 3/440 to 3/447). Estimated Cost. Rs. 4,58,717/- Earnest Money:- 9200/- Time allowed: -Two Months.

Terms and conditions:-

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

Executive Engineer,
Kumarsain Division
HP.PWD, Kumarsain

No.PW-KMS-AB-NIT/2021

5540-89

Dated: 02/09/24

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


Executive Engineer,
Kumarsain Division,
HP.PWD. Kumarsain

SCHEDULE OF QUANTITY

Estimated cost:-Rs.498146
Earnest money:-Rs.10000/-
Time allowed:-Two months.

Name of work:-Restoration of train damages on Manjaban Bhutti road Km.0/000 to 1000 (SH:-C/O P.C.C Retaining wall at RD.0/100 to 0/120, 0/200 to 0/209 & 0/270 to 0/275).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-Charge.	9.52 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.	10.94 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.	103.60 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.	10.71 m ³			Per cubic metre.	
	Total:-					


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.215527/-
 Earnest money:-Rs.4400/-
 Time allowed:-One month.
 Name of work:-Restoration of rain damages on Bhutti Langa Road Km.0/000 to 2/400 (SH:-C/O P.C.C Retaining wall at RD.0/855 to 0/864).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	8.64 m3			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 505.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	4.32 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 1205) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	43.02 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.	14 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.	8.40 m3			Per cubic metre.	
	Total:-					


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.349722/-

Earnest money :-Rs.7000/-

Time allowed:- Two months.

Name of work:- Restoration of rain damages Baragadhi Machinehad road Km.0/000 to 21/400 (SH:-C/O P.C.C Retaining wall at RD.14/988 to 14/997 & 15/623 to 15/630).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	21.56 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.	18.98 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.	68.04 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.	10.37 m ³			Per cubic metre.	
	Total:-					


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.2,26,211/-
Earnest money:-Rs.4600/-
Time allowed:-One Month

Name of work:-Improvement of Black spot on Oddi Khaneti Kotgarh road Km.0/000 to 21/000 (SH:-Providing and Fixing of W-Metal Beam Crash barrier Railing in Km. 1/260 to 1/324).

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.	4.58 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.	4.58 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 fittings to be galvanised by hot dip process, all fitting to conforms to IS: 1367 and Is : 1364 metal beam rail to be fixed on the vertical post with a spacer of channel section 150x75x5mm,330mm long complete as per clause 810 including entire carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge.	64.00 Rmt.			Per running metre.	
	G.Total:-					


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

SCHEDULE OF QUANTITY.

Estimated Cost:-Rs.379289/-

Earnest money:-7600/-

Time allowed:-Two months.

Name of work:-Improvement of Black spot on Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000(Portion Km.0/000 to 5/000) (S.II:-Improvement of narrow curves at RD.1/690 to 1/730, 2/210 to 2/555, 2/590 to 2/610, 2/715 to 2/740, 3/855 to 3/885, 3/915 to 3/975, 4/000 to 4/045 & 4/370 to 4/390).

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 .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 225.70cum 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.	1337.08 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.471248/-

Earnest money:-Rs.9500/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on link road to village Kupri Km.0/000 to 2/615 (SH:-C/O P.C.C Retaining wall at RD. 2/005 to 2/020 , 2/200 to 2/206, Breast wall at RD.2/010 to 2/015 & 2/605 to 2/615).

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.	70.20 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.	84.48 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.	57 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.	17.65 m ³			Per cubic metre.	
	Total:-					


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

SCHEDULE OF QUANTITY

Estimated Cost:-Rs.160351/-

Earnest money:-3300/-

Time allowed:-One month.

Name of work:-A/R & M/O E.E Residence (Old Division Office) at Kumarsain.(SH:-Painting exterior, interior & Roof etc.)

S.No	Sub-Head/Items of work.	Quantity.	Rates.		Unit.	Amount.
			In Fig.	In Words.		
1	2	3	4	5	6	7
1	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade One or more coats on old work including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	660.11 m2			Per square metre.	
2	Painting with oil type wood preservative of approved brand and manufacture Old work (one or more coats) including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	565.84 m2			Per square metre.	
3	Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade Old work (one or more coats) including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	342.43 m2			Per square metre.	
4	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade Old work (Two or more coats applied @ 1.43 ltr/ 10 sqm) over existing cement paint surface including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	534.85 m2			Per square metre.	
5	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete 100x10 mm including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	12 Nos.			Each.	

6	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.					
6.01	100mm.	14 Nos.			Each.	
6.02	125mm.	12 Nos.			Each.	
7	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 as per direction of Engineer-in-Charge.	6.02 m2			Per square metre.	
8	Providing and fixing Fly proof stainless steel grade 304 wire gauge with 0.5 mm dia. wire and 1.4mm wide aperture with matching wood beading including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	15.45 m2			Per square metre.	
9	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	1000.00 Ltr.			Per Litre.	
10	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete 15 mm nominal bore including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	3 Nos.			Each.	
11	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc Internal work - Exposed on wall including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	48.00 Rmt.			Per running metre.	

12	Providing and fixing bright finished brass double acting spring hinges with necessary brass screws etc. complete 150 mm including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	2 Nos.			Each.	
13	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade One or more coats on old work including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	89.83 m2			Per square metre.	
14	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.	2 Nos.			Each.	
	Total:-					


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

SCHEDULE OF QUANTITY

Estimated Cost:- Rs.118332/-
Earnest Money:-Rs.2400/-
Time:-One Month.

Name of work:- Construction of Sub-Tensit Building at Kotgarh Distt. Shimla (HP) (SH:-Providing and fixing aluminium fittings etc.).

Sr. No.	Description of Work	Quantity	Rate		Unit	Amount
			In Figures	In Words		
1	Providing and supplying aluminium extruded tubular and other aluminium sections as per the architectural drawings and approved shop drawings, the aluminium quality as per grade 6063 T5 or T6 as per BS 1474, including super durable powder coating of 60-80 microns conforming to AAMA 2604 of required colour and shade as approved by the Engineer-in-Charge. (The item includes cost of material such as cleats, sleeves, screws etc. necessary for fabrication of extruded aluminium frame work. Nothing extra shall be paid on this account). The weight of aluminium extruded section shall be taken for purpose of payment including entire carriage of materials through all modes of transportation with ion all leads and lifts as per PWD specifications and as per direction of Engineer-in-Charge.	75.82 Kg.			Per Kilogramme.	
2	Providing, fabricating and supplying shadow box of required size and shape, for fixing in the spandrel portion of the structural glazing, in linear as well as curvilinear portions of the building by providing semi-rigid, inorganic, non-combustible fibre glass wool insulation 50 mm thick, conforming to IS: 8183 and IS: 3958 Part 5. The insulation layer shall have facing (factory bonded on surface # 1 of the fibre glass insulation layer). of black non-woven fibre glass tissue of nominal thickness 0.5 mm and nominal mass not less than 60 gm/sqm. made of randomly oriented glass fibres distributed in a binder by a wet-lay process including fixing 1.5 mm thick solid aluminium sheet backing using, 6 mm thick cement board including SS rivets, nuts, bolts, washers etc complete including entire carriage of materials through all modes of transportation with ion all leads and lifts as per PWD specifications and as per direction of Engineer-in-Charge.	3.44 m2			Per square metre.	
3	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including entire carriage of materials through all modes of transportation with ion all leads and lifts as per PWD specifications and as per direction of Engineer-in-Charge.	966.70 Kg.			Per Kilogramme.	
	G. Total:-					


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.243939/-

Earnest money:-Rs.4900/-

Time allowed:-One Month.

Name of work:-&/R & M/O on various roads under Kumarsain Division (SH:-Binding of office records file with card board file with card board on both side of file in respect of Bill Branch, Accounts Branch & Correspondence Branch).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Binding office records file with card board on both side of file fixing binding cloth on edge of file and abary paper on on face of the card board with proper adhesive material like fevicolle, Glue etc. and sewing the file with durable superior rode of suitable material complete in all respect as per satisfaction of Engineer-in-Charge within all leads and lifts and other incidental charges.	1333.00 Nos.			Each.	
	Total:-					



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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.421484/-

Earnest money:-Rs.8500/-

Time allowed:-Two months

Name of work:-Restoration of rain damages on Oddi Khaneti Kotgarh road Km.0/000 to 21/000 (SF):-C/O P.C.C Remaining wall at RD.13/631 to 13/641 & Breast wall at RD.16/266 to 16/276).

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.	36.00 m3			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	20.30 m3			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 P.C.C nominal mix 1:6:12(40mm aggregate) including entire carriage of materials in all leads and lifts.	7.90 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.	78.10 m3			Per cubic metre.	

5	Providing weapholes in brick mason, 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 driving 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.	
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.	5.60 m ³		Per cubic metre.	
	Total:-				


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

SCHEDULE OF QUANTITIES

Estimated cost:-Rs.139019/-

Earnest money:-Rs.2800/-

Time allowed:-One Month.

Name of work:-A/R & M/O on link road Gharal Nanja upto Kanrol Km.0/000 to 4/195 (SH:-Providing and laying Hot applied thermoplastic compound 2.5mm thick Km.0/000 to 2/000).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Providing and applying 2.5 mm thick road marking strips (retro-reflective) of specified shade/ colour using hot thermoplastic material by fully/ semi automatic thermoplastic paint applicator machine fitted with profile shoe, glass beads dispenser, propane tank heater and profile shoe heater, driven by experienced operator on road surface including cost of material, labour, T&P, cleaning the road surface of all dirt, seals, oil, grease and foreign material etc. complete as per direction of Engineer-in-charge and accordance with applicable specifications	207.60 m ²			Per square 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 abrasion resistant creamer coating and ultrasonic seald to high impact 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 & R 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.335951/-
 Earnest money:-Rs.6800/-
 Time allowed:-Two months.

Name of work:-Improvement of Black spot on Chajoli Kharola road Km.0/000 to 1/000 (SH:-C/O P.C.C Retaining wall at RD0/845 to 0/850, Breast wall at RD. 0/575 to 0/589, Providing & Fixing W-Metal Beam Crash barrier Railing in Km. 0/600 to 0/630)

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.	16.00 m ³			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	13.15 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.	45.36 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.	17 Nos			Each.	

5	Back filling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 Granular material including entire carriage of materials in all leads and lifts.	5.40 m ³		Per cubic metre.	
6	Providing and erecting a "W" metal beam crash barrier comprising of 3mm thick corrugated sheet metal rail 70 cm. above road/ground level fixed on ISMC series channel vertical post 150x75x5 mm spaced 2m center to center, 1.8 m high, 1.1 m below ground/road level, all steel part and fittings to be galvanised by hot dip process, all fitting to conforms to IS: 1367 and IS: 1364 metal beam rail to be fixed on the vertical post with a spacer of channel section 150x75x5mm, 330mm long complete as per clause 810 including entire carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge.	30.00 Rmt.		Per running metre.	
7	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.	2.45 m ³		Per cubic metre.	
	Total:-				


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.286079/-

Earnest money:-Rs.5800/-

Time allowed:-One Month.

Name of work:-A/R & M/O Circuit House Narkanda (SH:-Providing and fixing Non woven carpet).

S. No.	Sub-Head/Items of work.	Quantity.	Rates.		Unit.	Amount.
			In fig.	In words.		
1	Providing and fixing non woven carpet wall to wall 6mm thick fixed with adhesive as per approved sample and shade/approved design complete in all respect and as per the direction of Engineer-in-Charge complete including carriage of material with in all leads and lifts.	130.42 m2			Per square metre.	
2	Providing and laying non woven footmat wall to wall 6mm thick fixed with adhesive as per approved sample and shade/approved design complete in all respect and as per direction of Engineer-in-Charge complete including carriage of materials in all leads and lifts.	10.00 m2			Each.	
	Total:-					


Executive Engineer,
Kumarsain Division,
HPPWD Kumarsain.

SCHEDULE OF QUANTITY

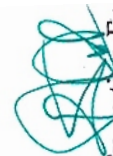
Estimated cost:-Rs.437221/-

Earnest money:-Rs.8800/-

Time allowed:-One Month.

Name of work:-A/R & M/O Circuit House Narkanda (S/H:-Providing and laying wiparquet laminate & Providing and fixing non woven carpet)

S. No.	Sub-Head/Items of work.	Quantity.	Rates.		Unit.	Amount.
			In fig.	In words.		
1	Providing and laying wiparquet laminate (nature structure textured surface AC -4 1286x 194x8mm (one thousand two hundred eighty six x one hundred ninty four into eight milimetre) flooring of approved brand and manufacture over cement concrete base with polythene and foam sheet curteen below as per specification and as per the direction of Engineer-in-Charge complete including carriage of material with in all leads and lifts.	28.09 m2			Per square metre.	
2	Providing and fixing non woven carpet wall to wall 10mm thick with 6mm thick foam sheet fixed with adhesive as per approved sample and shade/approved design complete in all respect and as per the direction of Engineer-in-Charge complete including carriage of materials with in all leads and lifts.	87.73 m2			Each.	
	Total:-					


Executive Engineer,
Kumarsain Division,
HPPWD Kumarsain.

SCHEDULE OF QUANTITY

Estimated cost:-Rs.420286/-
 Earnest money:-Rs.8500/-
 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 Retaining wall at RD. 18/810 to 18/820 & 20/280 to 20/295).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	33.12 m ³			Per cubic metre.	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	82.50 m ³			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia 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.	60 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

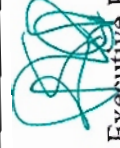
Estimated cost:-Rs.202717/-

Earnest money:-Rs.4100/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on link from Kachori Khad to Kateri Km.0/000 to 1/500 (SH:-C/O Wire crate Breast w.all) at RD.0/800 to 0/528).

S. No.	Sub-Head/Items of work.	Quantity.	Rates.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of Engineer-in-Charge.	34.56 m ³			Per cubic metre.	
2	Providing and laying of boulder apron laid in wire crates with 4mm dia. GI wire conforming to IS:280 and IS: 4826 in 100mmx100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg. each as per drawing and technical specification Clause 1301 including entire carriage of materials in all leads and lifts.	69.12 m ³			Per cubic metre.	
	Total:-					



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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.106220/-

Earnest money:-Rs.2200/-

Time allowed:-One month.

Name of work:-A/R & M/O on Rest House at Kotgarh & Rest House Thanedhar(SH:-Clearing of Septic tank).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Clearing of septic tank (upto 15 cum. Vol) of all accumulated sluge and waste water along with the disposal of this sludge & Waste water far from Habitation in a eco-friendly manner Adhering to the guidelines of Government and local bodies including entire carriage of materials in all leads and lifts.	2 No.			Each.	
Total:-						



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

SCHEDULE OF QUANTITY.

Estimated Cost:-Rs.278376/-

Earnest money:-5600/-

Time allowed:-One month.

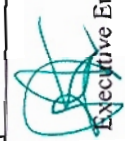
Name of work:-Improvement of link road from Chhiddi to Nautor via Shella Km.0/000 to 1/820 (SH:-Improvement of narrow curves between Km.0/000 to 0/120).

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 100.11cum 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.	1386.54 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.202842/-

Earnest money:-4100/-

Time allowed:-One month.

Name of work:-Construction Kachinghatti to Aur Kalnu Galani road Km.0/000 to 2/300(SH:-Formation cutting 5/7 mtr. wide road bifurcated from Km.2/015 leg Km.0/000 to 0/060).

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 states 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 75.72cum 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.	997.06 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.330204/-

Earnest money:-Rs.6700/-

Time allowed:-One Month.

Name of work:-Improvement of Blackspot on various roads under Kumarsain Sub-Division (SH:-Providing and laying Hot applied thermoplastic compound 2.5mm thick on various road under Kumarsain Sub-Division).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Providing and applying 2.5 mm thick road marking strips (retro-reflective) of specified shade/ colour using hot thermoplastic material by fully/ semi automatic thermoplastic paint applicator machine fitted with profile shoe, glass beads dispenser, propane tank heater and profile shoe heater, driven by experienced operator on road surface including cost of material, labour, T&P, cleaning the road surface of all dirt, seals, oil, grease and foreign material etc. complete as per direction of Engineer-in-charge and accordance with applicable specifications.	493.10 m ²			Per square metre.	
	Total:-					


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.134392/-
 Earnest monney:-Rs.2700/-
 Time allowed:-Two months.

Name of work:-A/R & M/O Satya Nand Stock Memorial Rest House building at Thanedhar (SH):-Providing and fixing G.I fitting main line to Rest House Building).

S.No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. including entire carriage of materials in all leads and lifts.					
(a)	20mm dia nominal bore.	270.00 Rmt.			Per running metre.	
(b)	15mm dia nominal bore.	150.00 Rmt.			Per running metre.	
2	Making connection of G.I. distribution branch with G.I. main of 25 to 40 mm nominal bore sizes by providing and fixing tee, including cutting and threading the pipe etc. complete including entire carriage of materials in all leads and lifts.	1 No.			Each.	
3	Fixing water meter and stop cock in G.I. pipe line including cutting and threading the pipe and making long screws etc. complete (cost of water meter and stop cock to be paid separately) including entire carriage of materials in all leads and lifts.	1 No.			Each.	
4	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) including entire carriage of materials in all leads and lifts.					
(a)	20mm dia nominal bore.	7 Nos.			Each.	
(b)	15mm dia nominal bore.	10 Nos.			Each.	
5	Providing and fixing rectangular high density polyethylene water storage loft tank with cover, conforming to ISI : 12701, colour of opaque white or as approved by Engineer-in-charge. The rate includes making necessary holes for inlet, outlet & over flow pipes. The base support i/c fittings & fixtures for tank shall be paid separately including entire carriage of materials in all leads and lifts.	4000 Ltr.			Per litre.	

6	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge including entire carriage of materials in all leads and lifts.	6 Nos.			Each.	
7	Providing and fixing brass bib cock of approved quality including entire carriage of materials in all leads and lifts.					
(b)	20 mm nominal bore.	2 Nos.			Each.	
(a)	15 mm nominal bore.	2 Nos.			Each.	
9	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete including entire carriage of materials in all leads and lifts.					
(a)	20 mm nominal bore.	2 Nos.			Each.	
(b)	15 mm nominal bore.	2 Nos.			Each.	
	G. Total:-					


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.446926/-

Earnest money:-Rs.9000/-

Time allowed:-One month.

Name of work:-Construction of road from Chimla to Skundi Km.0/000 to 1/020 (SH:-C/O P.C.C Retaining wall at R).0/950 to 0/980).

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.	33.48 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 1205) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	81.00 m3			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment. wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	60 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.	20.25 m3			Per cubic metre.	
	Total:-					


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

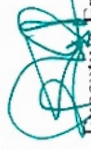
SCHEDULE OF QUANTITY

Estimated cost:-Rs.460664/-
 Earnest money:-Rs.9300/-
 Time allowed:-Two months.

Name of work:-Restoration of rain damages on Oddi Khaneti Kotgarh road Km.0/000 to 21/000 (SH:-Providing and laying Kharanja stone soling Km.20/540 to 20/615, V-shape side drain Km.20/540 to 20/645, C/O P.C.C Retaining wall at RD.20/285 to 20/295 & Breast wall at RD.20/495 to 20/506).

S. No.	Sub-Head/Items of work.	Quantity.	Rates.		Unit.	Amount.
			In fig.	In words.		
1	Preparation of sub grade by dressing to camber (Earth work for the cutting involved for sub-grade to be paid for separately depending upon the classification of soil completed as per HP.PWD specifications including entire carriage of materials in all leads and lifts.	195.00 m2			Per square metre.	
2	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and re-rolling the sub-grade completed as per HP.PWD specifications including entire carriage of materials in all leads and lifts.	195.00 m2			Per square metre.	
3	Stone soling properly hand packed filling interstices with Kharanja stone and consolidating with power road roller to the required gradient and camber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD specification 100mm spread thickness (finished work including materials and labour) including entire carriage of materials in all leads and lifts.	29.25 m3			Per cubic metre.	
4	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.	90.40 m3			Per cubic metre.	
5	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 P.C.C grade M 10 Nominal mix 1:3:6 including entire carriage of materials in all leads and lifts.	6.15 m3			Per cubic metre.	

6	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	70.75 m ³			Per cubic metre
7	Providing weepholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	65 Nos			Each.
8	Back filling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 Granular material including entire carriage of materials in all leads and lifts.	9.00 m ³			Per cubic metre.
	Total:-				


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

SCHEDULE OF QUANTITY

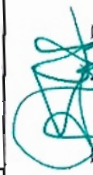
Estimated cost:-Rs.288378/-

Earnest money:-Rs.5800/-

Time allowed:-One month.

Name of work:-Chargable to stock storage at PWD store at Baragaon Sub-Division (SH:-Supplying of retro-reflectorised sign board at PWD store Baragaon).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Confirmatory/Mandatory, identification and advance direction sign boards etc. made of 2 mm thick aluminium sheet with black support of M.S sq pipe 47x47 with definition plate of size 600x175mm made of 2mm thick aluminium sheet with black support of 47x47 M.S sq pipe front side to have retro reflective high intensity grade sheeting and back side painted with grey epoxy paint, sign made as per IRC-67-2001 provided with 3.50 mtr. long one by post made of M.S angle 65x65x6 mm properly painted with high quality synthetic enamel paint in alternate colour black and white as per clause No.800 of MORTH specifications including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge.					
(a)	Informatory board 1200x900mm size.	10 Nos.			Each.	
(b)	Mandatory board 600x450mm size.	20 Nos.			Each.	
(c)	Cautionary board 900x900x900mm size(triangular).	10 Nos.			Each.	
	Total:-					


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.408559/-
 Earnest money:-Rs.8200/-
 Time allowed:-One month.

Name of work:-Restoration of rain damages on link road to village Mellan Km.0/000 to 2/000 (SH:-C/O P.C.C Retaining wall at RD. 0/960 to 0/966, 1/265 to 1/275 & C/O Breast wall at RD.1/765 to 1/770 & 1/018 to 1/024).

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.	38.09 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.	78.24 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.	60 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.	12.82 m ³			Per cubic metre.	
	Total:-					


 Executive Engineer,
 Kumarsain Diviston,
 HP.PWD., Kumarsain.

SCHEDULE OF QUANTITY.

Estimated Cost:-Rs.341889/-

Earnest money :-6900/-

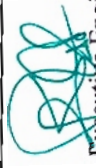
Time allowed:-Two months.

Name of work:-Construction of link road from Kachinghatti to Nag Km.0/000 to 1/720(SIL:-Formation cutting 5/7 mtr. wide road between Km.1/720 to 1/975).

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 120.33cum 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.	1730.56 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.380856/-
Earnest money:-Rs.7700/-
Time allowed:-One month.

Name of work:-Restoration of ruin damages on Narkanda Thanechar Kotgarh Birbal road Km.0/000 to 44/000 (SH)-C/O P.C.C Retaining wall at RD. 15/920 to 15/932 & 16/180 to 16/195).

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.	18.33 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.	72.81 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 pic extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	25 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.	15.30 m ³			Per cubic metre.	
	Total:-					


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.458717/-

Earnest money:-Rs.9200/-

Time allowed:-Two months.

Name of work:-A/R & M/C on link road to Hattu Temple Km.0/000 to 6/245 (SH):-Construction of P.C.C Retaining wall at RD.1/575 to 1/585 & 3/440 to 3/447).

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.	17.68 m3			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	15.30 m3			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802.803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	88.40 m3			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	20 Nos			Each.	
5	Back filling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 Granular material including entire carriage of materials in all leads and lifts.	10.20 m3			Per cubic metre.	
	Total:-					


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.152378/-

Earnest money:-Rs.3100/-

Time allowed:-One month.

Name of work:-Improvement of link road Kepu to Harijan Basti Arbi Km.0/000 to 2/500 (SH)-Construction of P.C.C Breast wall at RD.0/005 to 0/010).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	11.90 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 sumps 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.	8.00 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.	32.50 m ³			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (V):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	10 Nos			Each.	
	Total:-					


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.373900/-

Earnest money:-Rs.7500/-

Time allowed:-Two months.

Name of work:-Improvement of link road from Chhiddi to Nautor via Shella Km.0/000 to 1/820 (SH:-C/O) Breast wall at RD.0/428 to 0/440 & 0/390 to 0/402).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	19.20 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.	25.20 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.	75.36 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.	
	Total:-					


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.354614/-

Earnest money:-Rs.7100/-

Time allowed:-Two months.

Name of work:-Restoration of rain damages on Kumarsain Pharal road Km.0/000 to 7/645 (SH:-C/O P.C.C Breast wall at RD.7/560 to 7/580).

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.	18.20 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.	27.80 m ³			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802. 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	72.20 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.	36 Nos			Each.	
	Total:-					


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.314909/-

Earnest money:-Rs.6300/-

Time allowed:-Two months.

Name of work:-Restoration of rain damages on Kumarsain Pharal road Km.0//000 to 7/645 (SH:-C/O P.C.C Retaining wall at RD. 7/169 to 7/181 & 7/155 to 7/163).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	12.60 m3			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	20.60 m3			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	59.80 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.	13.20 m3			Per cubic metre.	
	Total:-					


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.492073/-

Earnest money:-Rs.9900/-

Time allowed:-Three months.

Name of work:-A/R & M/O on Matiana Thathal Kotighat Kangal Chamola road Km 0/000 to 42/635(Portion between Thathal to chamola km 26/000 to 42/635)
(SIL:-P/L G-III in patches, Priming coat SS-I, Repair of pot holes between Km.33/300 to 35/000).

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.	39.01 m3			Per cubic metre.	
2	Providing and applying primer coat with Bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70 -1.00 Kg/Sqm. using mechanical means as per Technical Specification Clause 502 with in all leads & lifts complete as per directions of the Engineer-in-Charge.	520.18 m2			Per square metre.	
3	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20mm thick premix carpet and seal coat type B specification Clause 1904.2,503 and 508.1 including entire carriage of materials in all leads and lifts as per	1698.78 m2			Per square metre.	
	Total:-					

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


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