



**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

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

No. PW-KMS-AB-NIT/2022-23- 10/08-10

Dated: - 07/10/22

To

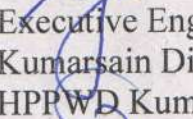
✓
The Executive Engineer (IT Cell),
HP, PWD, Shimla-2

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

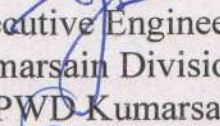
Copy to the Superintending Engineer, 11th Circle,
HP.PWD., Rampur Bsr. for information please.

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-
10057-10107 DATED 07/10/2022 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 **14.10.2022** up to **3:00 PM** and will be opened on same day at **03:30 PM**. 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 **13.10.2022** up to **5.00 PM**. The tender form can be had from his office against cash payment (Non-refundable) on **14.10.2022** 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 :-** R/O R/D on link road to village Aroth Km.0/000 to 2/840 (SH:- Removal of slips at various Rds). Estimated Cost:-2,10,486/- Earnest Money:- 4300/- Time allowed: -One Month.
2. **Name of Work:-** R/O R/D on Oddi Khaneti Kotgarh road Km.0/000 to 21/000 (SH:-Removal of slips at various Rds). Estimated Cost:-2,83,461/- Earnest Money:- 5700/- Time allowed: -One Month.
3. **Name of Work:-** R/O R/D on various roads under Kumarsain Sub-Division (SH:-Hiring of JCB Excavator front end loader for removal of slips at various Rds). Estimated Cost:-3,96,300/- Earnest Money:- 8000/- Time allowed: -One Month.
4. **Name of Work:-** R/O R/D on various roads under Tikkar Section (SH:-Hiring of JCB for Removal of slips at various Rds). Estimated Cost:-99,075/- Earnest Money:- 2000/- Time allowed: -One Month.
5. **Name of Work:-** R/O R/D on various roads under Thandhar Section (SH:-Hiring of JCB Removal of slips at various roads under Thanedhar Section). Estimated Cost:-2,31,175/- Earnest Money:- 4700/- Time allowed: -One Month.
6. **Name of Work:-** R/O R/D on Oddi Kingal road Km.0/000 to 21/405 (SH:- C/O PCC Retaining wall at Rd.18/360 to 18/381).Estimated Cost:-4,30,036/- Earnest Money:- 8650/- Time allowed: -One Month.
7. **Name of Work:-** Perparation of DPR for M/T on Challa Swerakhad via Nizra Phaladhar road Km.0/000 to 5/120 (SH:-Preperation of DPR and CBR tests in Km.0/000 to 5/120). Estimated Cost:-1,23,140/- Earnest Money:- 2500/- Time allowed: -One Month.
8. **Name of Work:-** R/O R/D on Jimmu Nallah Jal Road Km.0/000 to 5/000 (SH:- C/O PCC Breast wall at Rd.1/020 to 1/040).Estimated Cost:-2,69,319/- Earnest Money:- 5400/- Time allowed: -One Month.
9. **Name of Work:-** Improvement of black spot on various roads under Kumarsain Sub-Division (SH:- P/L of hot applied thermoplastic compound 2.5mm thick on various roads under Kumarsain Sub-division). Estimated Cost:-2,15,828/- Earnest Money:- 4400/- Time allowed: -One Month.
10. **Name of Work:-** A/R & M/O on office of Assistant Engineer HPPWD Sub-division Kumarsain (SH:- P/L wiperquet laminated flooring). Estimated Cost:-87,653/- Earnest Money:- 1800/- Time allowed: -One Month.
11. **Name of Work:-** Improvement of black spot on Oddi Khaneti Kotgarh road Km.0/000 to 21/000(SH:- Improvement of curves atRd.14/450 to 14/485 & C/O PCC B/Wall at Rd.14/450 to 14/485). Estimated Cost:-4,95,370/- Earnest Money:- 10000/- Time allowed: -One Month.
12. **Name of Work:-** R/O R/D on link road to village Sanaogi Km.0/000 to 3/375 (SH:- C/O Wire Crate B/Wall on existing B/Wall for protection at Rd.0/375 to 0/391.80 & 0/393 to 0/405). Estimated Cost:-4,03,899/- Earnest Money:- 8100/- Time allowed: -One Month.
13. **Name of Work:-** R/O R/D on Kachinghatti to Ahar road Km.0/000 to 4/465 (SH:- C/O PCC B/Wall at Rd.0/295 to 0/316.50 & top layer for protection of PCC wall in wire crate between Km.0/295 to 0/316.50).Estimated Cost:-4,25,786/- Earnest Money:- 8600/- Time allowed: -One Month.
14. **Name of Work:-** R/O R/D Matiana Thathal Kotighat Chamola road Km.26/000 to 42/635 (SH:- C/O PCC R/Wall at Rd.29/500 to 29/505.40). Estimated Cost:-3,18,367/- Earnest Money:- 6400/- Time allowed: -One Month.

15. **Name of Work:-** R/O R/D Matiana Thathal Kotighat Chamola road Km.26/000 to 42/635 (SH:- C/O PCC R/Wall at Rd.38/285 to 38/293.80). Estimated Cost:-3,30,582/- Earnest Money:- 6700/- 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.24/620 to 24/630). Estimated Cost:-2,05,361/- Earnest Money:- 4200/- Time allowed: -One Month.
17. **Name of Work:-** R/O R/D on Kingal Dhinguli road Km.0/000 to 1/200 (SH:- C/O PCC R/Wall at Rd.0/385 to 0/400). Estimated Cost:-2,94,915/- Earnest Money:- 5900/- Time allowed: -One Month.
18. **Name of Work:-** C/O link road from Shalota to Janoti Km.0/000 to 0/450 (SH:-C/O Wire Crate B/Wall 3rd & 4th step at Rd.0/360 to 0/379.20 on existing wire crate wall & C/O PCC R/Wall at Rd.0/087 to 0/095). Estimated Cost:-3,71,333/- Earnest Money:- 7500/- Time allowed: -One Month.
19. **Name of Work:-** R/O R/D on Koti Kingal road Km.0/000 to 2/800 (SH:-C/O Wire Crate B/Wall at Rd.0/820 to 0/840 (over existing B/Wall). Estimated Cost:-3,23,606/- Earnest Money:- 6500/- Time allowed: One Month.
20. **Name of Work:-** C/O road from Kotgarh Dimri to Samroti Loshta Serthi Km.0/000 to 1/390 (SH:-Formation Cutting 5/7 mtr wide road in Km.1/045 to 1/390). Estimated Cost:-4,19,695/- Earnest Money:- 8400/- Time allowed: -One Month.
21. **Name of Work:-** C/O plinth protection and WS & SI fitting etc at Staff Quarter Type-II at CHC Kumarsain. Estimated Cost:-4,93,117/- Earnest Money:- 8900/- Time allowed: -Three Month.
22. **Name of Work:-** Improvement of road from Gharat Nallahto Malana via Machhimadhawani Km.0/000 to 1/540 (SH:- Removal of formation deficiency in Km.0/735 to 0/855 & C/O Wire Crate R/Wall at Rd.0/765 to 0/777 & 0/777 to 0/789). Estimated Cost:-4,97,095/- Earnest Money:- 10000/- Time allowed: -One Month.
23. **Name of Work:-** R/O R/D on Dudhlihar to Dakolu road Km.0/000 to 5/435 (SH:- C/O PCC B/Wall at Rd.3/715 to 3/728 & Wire Crate B/Wall at RD.3/660 to 3/688.80). Estimated Cost:-4,69,514/- Earnest Money:- 10000/- Time allowed: -One Month.
24. **Name of Work:-** Improvement of link road from Thachru (Devjubber) to Shelag Km.0/000 to 1/900 (SH:- Improvement of ~~Two Month~~ *geometrics at various R.D's*).
25. **Name of Work:-** R/O R/D on Sarahan Parsha road Km.0/000 to 5/060 (SH:- C/O PCC R/Wall at Rd.3/345 to 3/360). Estimated Cost:-4,33,456/- Earnest Money:- 8700/- Time allowed: -One Month.
26. **Name of Work:-** Improvement of road from Pauchi to Gadheri Km.0/000 to 0/630(SH:- C/O Wire Crate R/Wall at Rd.0/603 to 0/615). Estimated Cost:-4,12,448/- Earnest Money:- 8300/- Time allowed: -One Month.
27. **Name of Work:-** R/O R/D on link road to village Teshan Km.0/000 to 2/750 (SH:- C/O PCC R/Wall at Rd.1/085 to 1/105 & C/O PCC Parapets at Rd.2/720 to 2/746). Estimated Cost:-4,11,245/- Earnest Money:- 8300/- Time allowed: -One Month.
28. **Name of Work:-** R/O R/D on Pannudhank to Katheen Km.0/000 to 5/840 (SH:- C/O PCC R/Wall at Rd.1/510 to 1/525). Estimated Cost:-4,18,104/- Earnest Money:- 8400/- Time allowed: -One Month.
29. **Name of Work:-** A/R & M/O on Kangal Mogra road Km.0/000 to 4/705 (SH:-P/L of hot applied thermoplastic compound 2.5mm thic including zebra crossing in Km.0/000 to 4/705). Estimated Cost:-3,31,343/- Earnest Money:- 6700/- Time allowed: -One Month.
30. **Name of Work:-** R/O R/D on Kachoti Khad to Kateri Km.0/000 to 1/500(SH:- Removal of slips at various Rds).Estimated Cost:-2,90,300/- Earnest Money:- 5900/- Time allowed: -One Month.
31. **Name of Work:-** Improvement of black spot on road from Firnoo More to Konthru Km 9.999 to 5/000(SH:- Removal of formation deficiency in Km.2/565 to 2/605). Estimated Cost:-2,82,207/- Earnest Money:- 5700/- Time allowed: -One Month.
32. **Name of Work:-** A/R & M/O on Slapper Tattapani Suni Luhri road Km/103/800 to 120/800 (SH:- C/O PCC R/Wall at Rd.119/607.20 to 119/613.60). Estimated Cost:-3,40,033/- Earnest Money:- 6900/- Time allowed: -One Month.
33. **Name of Work:-** R/O R/D on Kholvi Kechi to Bhadewag road Km.0/000 to 2/990 (SH:- C/O PCC R/Wall at Rd.1/120 to 1/126.25).Estimated Cost:-3,50,062/- Earnest Money:- 7100/- Time allowed: -One Month.

34. **Name of Work:-** R/O R/D on Kholvi Kechi to Bhadewag road Km.0/000 to 2/990 (SH:- C/O PCC R/Wall at Rd.1/127.25 to 1/133.50). Estimated Cost:-3,50,062/- Earnest Money:- 7100/- Time allowed: -One Month.
35. **Name of Work:-** A/R & M/O on Staff Quarter Type-II near PNB Kumarsain (SH:- Painting, Distempering etc). Estimated Cost:-1,94,684/- Earnest Money:- 3900/- Time allowed: -Two Month.
36. **Name of Work:-** A/R & M/O on A.E Residance & Staff Quarter Building at Kumarsain (SH:- Repair of Roof, Painting, Distempering etc). Estimated Cost:-4,42,247/- Earnest Money:- 8900/- Time allowed: -Three Month.
37. **Name of Work:-** Improvement on road from Khaneri to Balgar KM.0/000 to 1/300 (SH:- Removal of formation deficiencies in Km.0/000 to 0/150 & C/O Wire Crate R/Wall at Rd.0/000 to 0/030 in extended portion o road). Estimated Cost:-3,10,235/- Earnest Money:- 6300/- 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.PWD, Kumarsain

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

1005) 10/10/22

Dated:-

07/10/2022

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

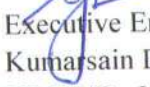
Estimated cost:-Rs.210486/-

Earnest money:-Rs.4300/-

Time allowed:-One Month.

Name of work:-Restoration of rain damages on link road to village Aroth Km.0/000 to 2/840(SH:-Removal of slips at various RDs).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	in words.		
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slops and disposal of cut material with in all leads and lifts as per technical specification 302.3.5 and 1611 including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge	1450.13 m3			Per cubic metre.	
	Total:-					


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

SCHEDULE OF QUANTITY

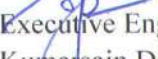
Estimated cost:-Rs.283461/-

Earnest money:-Rs.5700/-

Time allowed:-One Month.

Name of work:-Restoration of rain damages on Oddi Khaneti Kotgarh road Km.0/000 to 21/000(SH:-Removal of slips at various RDs).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	in words.		
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slops and disposal of cut material with in all leads and lifts as per technical specification 302.3.5 and 1611 including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge	1952.88 m3			Per cubic metre.	
	Total:-					


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

SCHEDULE OF QUANTITY


Estimated cost:-Rs.396300/-

Earnest money:-Rs.8000/-

Time allowed:-One month.

Name of work:-Restortion of rain damages on various roads under Kumarsain Sub-Division. (SH:-Hiring of (JCB) Excavator front end loader for removal of slips at various RDs).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	in words.		
1	Hiring of (J.C.B) Excavator front end loader I cum. Bucket capacity for removal of slips including P.O.L. as per direction Engineer- in-Charge Any loss to Public and Private Property during the course of execution and disposal of serviceable/unserviceable materials shall be absolute responsibility of the contractor which shall be duly compensated to the full extent him in all respect and in all cases.	300.00 Hour			Per Hour.	
	Total:-					


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

SCHEDULE OF QUANTITY


Estimated cost:-Rs.99075/-

Earnest money:-Rs.2000/-

Time allowed:-One month.

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

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	in words.		
1	Hiring of (J.C.B) Excavator front end loader 1 cum. Bucket capacity for removal of slips including P.O.L. as per direction Engineer- in-Charge Any loss to Public and Private Property during the course of execution and disposal of serviceable/unserviceable materials shall be absolute responsibility of the contractor which shall be duly compensated to the full extent him in all respect and in all cases.	75.00 Hour			Per Hour.	
	Total:-					


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

SCHEDULE OF QUANTITY


Estimated cost:-Rs.231175/-

Earnest money:-Rs.4700/-

Time allowed:-One month.

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

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	in words.		
1	Hiring of (J.C.B) Excavator front end loader 1 cum. Bucket capacity for removal of slips including P.O.L. as per direction Engineer- in-Charge Any loss to Public and Private Property during the course of execution and disposal of serviceable/unserviceable materials shall be absolute responsibility of the contractor which shall be duly compensated to the full extent him in all respect and in all cases.	175.00 Hours			Per Hour.	
	Total:-					


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

SCHEDULE OF QUANTITY


Estimated cost:-Rs.430036/-

Earnest money:-Rs.8650/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Oddi Kingal road Km.0/000 to 21/405 (SH:- Construction of P.C.C Retaining wall at RD.18/360 to 18/381).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	31.08 m3			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	10.08 m3			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations,complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	78.75 m3			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	39 Nos			Each.	
5	Back filling behind abutment, retaining wall/breast wall including entire carriage of materials in all leads and lifts.	11.97 Cum			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

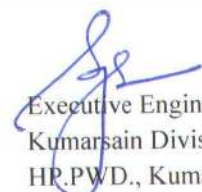
Estimated cost:-Rs.123140/-

Earnest money:-Rs.2500/-

Time allowed:-One month.

Name of work:-Preparation of D.P.R for Metalling/Tarring of Challa to Swerakhad via Nizra Phaladhar road Km.0/000 to 5/120(SH:-Preparation of DPR and CBR tests in Km.0/000 to 5/120)

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Preparation of Detailed Project report which include following provision as mentioned below:- A) Topography survey by Digital total station with two second accuracy, showing all features on survey plan like trees, culvert, bridge, electric poles, telephone poles, hand pumps, school habitant villages. B) Draw cross section at 15 m (fifteen meter) interval, L-section & calculate the quantity of earth work in standard format of autocard showing all layer of pavement components as applicable. C) Preparation of survey plan showing all provison and preparation of detailed project report as ope MORD guidelines.	5.120 Km.			Per Kilometer.	
2	CBR test including grain size analysis, atterbergs limit, proctor compaction and CBR value.	5 Nos.			Per Kilometer.	
	Total:-					


Executive Engineer,
Kumarsain Division,
HR.PWD., Kumarsain.

SCHEDULE OF QUANTITY

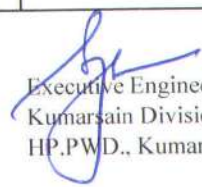
Estimated cost:-Rs.269319/-

Earnest money:-Rs.5400/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Jimmu Nallah Jal road Km.0/000 to 5/000(SH:-Construction of P.C.C. Breast wall at RD.1/020 to 1/040).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	22.20 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.	11.20 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.	45.20 m3			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	19 Nos			Each.	
G. Total:-						


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

SCHEDULE OF QUANTITY

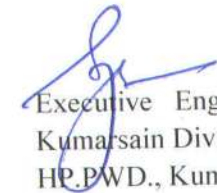
Estimated cost:-Rs.215828/-

Earnest money:-Rs.4400/-

Time allowed:-One Month.

Name of work:-Improvement of Black spot on various roads under Kumarsain Sub-Division(SH:-Providing and laying of 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 including entire carriage of materials in all leads and lifts.	322.30 m2			Per square metre.	
Total:-						


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

SCHEDULE OF QUANTITY


Estimated cost:-Rs.87653/-

Earnest money:-Rs.1800/-

Time allowed:-One Month.

Name of work:-A/R & M/O on Office of Assistant Engineer HP.PWD Sub-Division Kumarsain (SH:-Providing and laying wiparquet laminated flooring).

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 bace 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.	20.56 m2			Per square metre.	
	Total:-					


Executive Engineer,
Kumarsain Division,
HPPWD Kumarsain.

SCHEDULE OF QUANTITY.

Estimated Cost:-Rs.495370/-

Earnest money:-10000/-

Time allowed:-One month.


Name of work:-Improvement of black spot on Oddi Khaneti Kotgarh road Km.0/000 to 21/000 (SH:-Improvement of curves at RD.14/450 to 14/485 & Construction of P.C. C Breast wall at RD.14/450 to 14/485).

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 18.75 (Eighteen point seventy 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.	122.25 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.	9.45 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.	83.55 m3			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and MORD 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 directions of the Engineer-in-Charge.	70 Nos			Each.	
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.403899/-

Earnest money:-Rs.8100/-

Time allowed:-One month.

Name of work:-Restortion of rain damages on link road to village Saneogi Km.0/000 to 3/375 (SH:-Construction of wire crate Breast wall on existing Breast wall for protection at RD.0/375 to 0/391.80 & 0/393 to 0/405).

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.	97.44 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.	14.40 m3			Per cubic metre.	
3	Providing and laying of boulder apron laid in wire crates with 4mm dia GI wire.conforming to IS:280 and IS: 4826 in 100mmx100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg. each as per drawing and technical specification Clause 1301 incuding entire carriage of mterials in all leads and lifts.	152.06 m3			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY


Estimated cost:-Rs.425786/-

Earnest money:-Rs.8600/-

Time allowed:-One month.

Name of work:-Restortion of rain damages on Kachinghatti to Ahar road Km.0/000 to 4/465 (SH:-Construction of P.C.C Breast wall at RD.0/295 to 0/316.50 & top layer for protection on P.C.C wall in wire crates between RD.0/295 to 0/316.50).

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.	30.66 m3			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	18.48 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.	63.21 m3			Per cubic metre.	
4	Providing and laying of boulder apron laid in wire crates with 4mm dia GI wire conforming to IS:280 and IS: 4826 in 100mmx100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg. each as per drawing and technical specification Clause 1301 incuding entire carriage of mterials in all leads and lifts.	27.65 m3			Per cubic metre.	
5	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614.709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer in-Charge.	37 Nos			Each.	
Total:-						


Executive Engineer,
Kumarsain Division,
HP.FWD., Kumarsain.

SCHEDULE OF QUANTITY


Estimated cost:-Rs.318367/-

Earnest money:-Rs.6400/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Matiana Thathal Kotighat Kangal Chamola road Km.26/000 to 42/635 (SH:-Construction of P.C.C Retaining wall at RD.29/500 to 29/505.40).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	16.20 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.	3.89 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.	54.38 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, retaining wall/breast wall including entire carriage of materials in all leads and lifts.	7.29 Cum			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

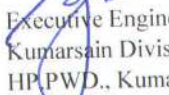
Estimated cost:-Rs.330582/-

Earnest money:-Rs.6700/-

Time allowed:-One month.

Name of work:-Restortion of rain damages on Matiana Thathal Kotighat Kangal Chamola road Km.26/000 to 42/635 (SH:-Construction of P.C.C Retaining wall at RD.38/285 to 38/293.80).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	11.97 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.	11.35 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.	55.18 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.	34 Nos			Each.	
5	Back filling behind abutment, retaiing wall/breast wall including entire carriage of materials in all leads and lifts.	11.35 Cum			Per cubic metre.	
Total:-						


Executive Engineer,
Kumarsain Division,
HPPWD., Kumarsain.

SCHEDULE OF QUANTITY

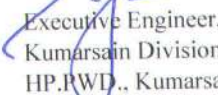
Estimated cost:-Rs.205361/-

Earnest money:-Rs.4200/-

Time allowed:-One month.

Name of work:-Restortion 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.24/620 to 24/630).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	15.45 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.	36.75 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.	27 Nos			Each.	
4	Back filling behind abutment, retaiing wall/breast wall including entire carriage of materials in all leads and lifts.	7.89 Cum			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

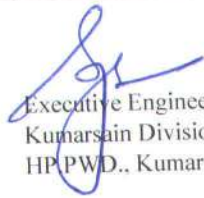
Estimated cost:-Rs.294915/-

Earnest money:-Rs.5900/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Kingal Dhinguli road Km.0/000 to 1/200 (SH:- Construction of P.C.C Retaining wall at RD.0/385 to 0/400).

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 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.	7.20 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.	55.35 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.	22 Nos			Each.	
5	Back filling behind abutment, retaining wall/breast wall including entire carriage of materials in all leads and lifts.	5.40 Cum			Per cubic metre.	
Total:-						


Executive Engineer,
Kumarsain Division,
HPPWD., Kumarsain.

SCHEDULE OF QUANTITY


Estimated cost:-Rs.371333/-

Earnest money:-Rs.7500/-

Time allowed:-One month.

Name of work:-Construction of link road from Shalota to Janoti Km.0/000 to 0/450 (SH:-C/O Wire crate Breast wall 3rd & 4th step at RD.0/360 to 0/379.20) on existing wire crate wall) & C/O P.C.C Retaining wall at RD.0/087 to 0/095).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	13.36 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.	43.20 m3			Per cubic metre.	
3	Providing and laying of boulder apron laid in wire crates with 4mm dia GI wire conforming to IS:280 and IS: 4826 in 100mmx100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg. each as per drawing and technical specification Clause 1301 including entire carriage of materials in all leads and lifts.	55.30 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.	24 Nos			Each.	
5	Back filling behind abutment, retaining wall/breast wall including entire carriage of materials in all leads and lifts.	7.68 Cum			Per cubic metre.	
Total:-						


Executive Engineer,
Kumarsain Division,
HP.RWD., Kumarsain.

SCHEDULE OF QUANTITY


Estimated cost:-Rs.323606/-

Earnest money:-Rs.6500/-

Time allowed:-One month.

Name of work:-Restoration of Rain damages on Koti Kingal road Km.0/000 to 2/800 (SH:-C/O Wire crate Breast wall at RD.0/820 to 0/840 (over existing B/Wall).

S. No.	Sub-Head/Items of work.	Quantity.	Rates.		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.	29.20 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.	110.59 m3			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY.

Estimated Cost:-Rs.419695/-

Earnest money:-8400/-


Time allowed:-Two months.

Name of work:-Construction of road from Kotgarh Dimri to Samroti Loshta Serthi Km.0/000 to 1/390(SH:-Formation cutting 5/7 mtr. wide road between Km.1/045 to 1/390).

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 281.72 (Two hundred eighty seven point eighty 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.	1301.26 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.493117/-

Earnest money:-Rs.8900/-

Time allowed:-Three months.

Name of work:-Construction of plinth protection and water supply and sanitary installation fitting etc. at Staff Quarter Type-II at C.H.C Kumarsain).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms. 15 mm nominal bore including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	16 Nos.			Each.	
2	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	16 Nos.			Each.	
3	Providing and fixing unplasticised P.V.C. connection pipe with brass union of approved quality and colour 15 mm nominal bore with 30cm length including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	4 Nos.			Each.	
4	Providing and fixing vitreous China wash down, water closet (European type. W.C. pan) with integral 'P' or 'S' trap including jointing the trap with soil pipe in cement mortar 1:1(1 cement : 1 sand) (Seat and over to be measured and paid for separately):-Angle Indian Universal closet including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	4 Nos.			Each.	
5	Providing and fixing solid plastic seat with lid for pedestal type W.C. pan complete :Coloured (other than black & white) solid plastic seat with lid including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	4 Nos.			Each.	

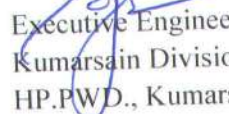
6	Providing and fixing PTMT jet spray of approved quality and colour with one metre tube including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	4 Nos.			Each.	
7	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete 10 litre capacity - White including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	4 Nos.			Each.	
8	Providing and fixing C.P. Brass waste for wash basin or sink :-32mm dia including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	4 Nos.			Each.	
9	Providing and fixing M.I. Union for wash basin or sink :-32mm dia including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	4 Nos.			Each.	
10	Providing and fixing 600mm x 450 mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. Sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	4 Nos.			Each.	
11	Providing and fixing 100 mm dia chromium plated grating of superior quality for floor, gully or nahani trap including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	16 Nos.			Each.	
12	Providing and fixing C.P. Brass Towel rail complete with C.P. Brass brackets fixed to wooden plugs with C.P. Brass screws :-600mm x 20mm including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	4 Nos.			Each.	
13	Providing and fixing chromium plated brass soap dish with C.P. Brass brackets fixed to wooden cleats with C.P. Brass screws :-including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	16 Nos.			Each.	

14	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete 20 mm nominal bore including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	4 Nos.			Each.	
15	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 through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	4 Nos.			Each.	
16	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete 150 mm dia including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	60 Nos.			Each.	
17	Providing and fixing PVC single equal branch with oval access door, ISI marked insertion rubber washer 3 mm thick bolts and nuts complete including fixing with approved adhesive etc. complete 110 mm dia. including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	8 Nos.			Each.	
18	Providing and fixing PVC door bend with oval access door, insertion rubber washer 3 mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete 110 mm dia including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	8 Nos.			Each.	
19	Providing and fixing PVC single equal branch plain ISI marked including fixing with approved adhesive etc. complete 110 mm dia including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	8 Nos.			Each.	
20	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete 110 mm dia including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	8 Nos.			Each.	

21	Providing and fixing PVC double equal branch with oval access door, insertion rubber washer 3 mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete 110 mm dia including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	8 Nos.			Each.	
22	Providing and fixing PVC plain double equal branch ISI marked including fixing with approved adhesive etc. complete 110 mm dia including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	4 Nos.			Each.	
23	Providing and fixing M.S sheet clamps of approved design with steel screws and rawal plugs etc. complete in all respect 110 mm dia including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	12 Nos.			Each.	
24	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required 610 x460 mm with bowl depth 200 mm including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	4 Nos.			Each.	
25	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete 32 mm dia including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	4 Nos.			Each.	
26.01	Providing and fixing G.I. Pipes complete with G.I. Fittings and clamps, i/c cutting and making good the walls etc 15mm dia nominal bore including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	36.00 Rmt.			Per running metre.	
26.02	Providing and fixing G.I. Pipes complete with G.I. Fittings and clamps, i/c cutting and making good the walls etc 20mm dia nominal bore including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	90.00 Rmt.			Per running metre.	

27	Structural steel work in single section, fixed with or without connecting plate, 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 in all leads and lifts as per direction of the Engineer-in-Charge.	1597.40 Kg.			Per Kilogramme	
28	Providing under layer for plinth protection of 75mm thick (unconsolidated) bed dry brick/stone aggregated 40mm nominal size with rammed and consolidated and grouted with fine sand including preparation of ground including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	53.60 m2			Per square metre.	
29	Providing plinth protection 50mm thick in cement concrete 1:3:6 (1 Cement : 3 Sand : 6 graded stone aggregated 20mm nominal size) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	53.60 m2			Per square metre.	
30	Constructing Course rubble hammer dressed 'U' shape open surface drain with side wall. 15x22 cm in cement mortar 1:6 (1 Cement : 6 Sand) and inside plastering with cement plaster 1:3 (1 Cement:3 Sand) including earth work and laying 10 cm cement concrete in 1:5:10 (1 Cement : 5 Sand : 10 graded stone aggregate) of 40 mm nominal size) and 7.5 cm cement concrete 1:2:4 (1 Cement : 2 Sand : 4 Graded stone aggregate of 20 mm nominal size) and finished with a floating coat of neat cement complete as per standard design including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	53.60 Rmt.			Per running metre.	
31	Providing and laying cement concrete 1:3:6 (1 cement:3 sand:6 graded stone aggregate 20mm nominal size) excluding cost of centring and shuttering in: Foundations and plinth including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	4.05 m3			Per cubic metre.	

32	Providing and fixing brass stop cock of approved quality including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	8 Nos.			Each.	
33	Excavation in foundation and trenches in earth work in all heights and depths in all kinds of soils, including saturated soils 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 entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	4.05 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY.

Estimated Cost:-Rs.497095/-

Earnest money:-10000/-

Time allowed:-One month.

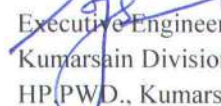
Name of work:-Improvement on road from Gharat Nallah to Malana via Machhimadhwani Km.0/000 to 1/540 (SH:-Removal of formation defficiencies in Km.0/735 to 0/855 & Construction of wire crate retaining wall at RD.0/765 to 0/777 & 0/777 to 0/789).

S.No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	5/7 meters wide (5 meters wide in straigh 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 43.85 (Forty three point eighty 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.	711.04 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.	26.28 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.	8.64 m3			Per cubic metre.	
4	Providing and laying of boulder apron laid in wire crates with 4mm dia GI wire conforming to IS:280 and IS: 4826 in 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.	120.96 m3			Per cubic metre.	
G.Total:-						

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

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


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.469514/-

Earnest money:-Rs.9400/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Dudhlihar to Dakolu road Km.0/000 to 5/435 (SH:-C/O P.C.C Breast wall at RD.3/715 to 3/728 & wire crate Breast wall at RD.3/660 to 3/688.80).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-Charge.	48.39 m3			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	18.82 m3			Per cubic metre.	
3	Providing and laying of boulder apron laid in wire crates with 4mm dia GI wire conforming to IS:280 and IS: 4826 in 100mmx100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg. each as per drawing and technical specification Clause 1301 including entire carriage of materials in all leads and lifts.	79.49 m3			Per cubic metre.	
4	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	45.63 m3			Per cubic metre.	
5	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	32 Nos			Each.	
	Total:-					


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

SCHEDULE OF QUANTITY.

Estimated Cost:-Rs.468398/-

Earnest money:-9400/-

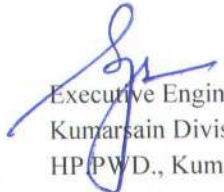
Time allowed:-Two months.

Name of work:-Improvement of link road from Thachru (Devjuber) to Shelag Km.0/000 to 1/900 (SH:-Improvement of Geometrics curve at various RDs).

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 157.89 (One hundred fifty seven point eighty nine) 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.	2180.52 m3			Per cubic metre.	
	G.Total:-					

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

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


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

SCHEDULE OF QUANTITY


Estimated cost:-Rs.433456/-

Earnest money:-Rs.8700/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Sarahan Parsha road Km.0/000 to 5/060 (SH:-C/O P.C.C Retaining wall at RD.3/345 to 3/360).

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.	12.75 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.	20.55 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.	73.95 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.	42 Nos			Each.	
5	Back filling behind abutment, retaiing wall/breast wall including entire carriage of materials in all leads and lifts.	13.05 Cum			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY


Estimated cost:-Rs.412448/-

Earnest money:-Rs.8300/-

Time allowed:-One month.

Name of work:-Improvement of road from Pauchi to Ghaderi Km.0/000 to 0/630 (SH:-C/O Wire crates Retaining wall at RD.0/603 to 0/615).

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.	51.84 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.	6.36 m3			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 P.C.C nominal mix 1:6:12(40mm aggregate) including entire carriage of materials in all leads and lifts.	10.80 m3			Per cubic metre.	
4	Providing and laying of boulder apron laid in wire crates with 4mm dia GI wire conforming to IS:280 and IS: 4826 in 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 m3			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

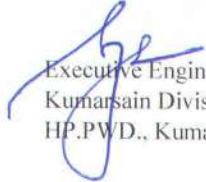
Estimated cost:-Rs.411245/-

Earnest money:-Rs.8300/-

Time allowed:-One month.

Name of work:-Restortion of rain damages on link road to village Teshan Km.0/000 to 2/750(SH:-Construction of P.C.C Retaining wall at RD.1/085 to 1/105 & C/O P.C.C parapet at RD. 2/720 to 2/746).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	18.00 m3			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	21.40 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	71.40 m3			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 M 10 Nominal mix 1:3:6 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	3.82 m3			Per cubic metre.	
5	Back filling behind abutment, retaining wall/breast wall including entire carriage of materials in all leads and lifts.	15.60 Cum			Per cubic metre.	
6	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	38 Nos			Each.	
Total:-						


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

SCHEDULE OF QUANTITY


Estimated cost:-Rs.418104/-

Earnest money:-Rs.8400/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Panudhank to Katheen road Km.0/000 to 5/840 (SH:-C/O P.C.C Retaining wall at RD.1/510 to 1/525).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	34.50 m3			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	12.60 m3			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	73.95 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.	42 Nos			Each.	
5	Back filling behind abutment, retaiing wall/breast wall including entire carriage of materials in all leads and lifts.	13.95 Cum			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

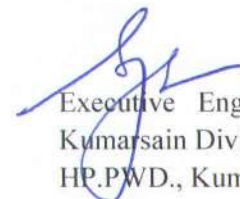
Estimated cost:-Rs.331343/-

Earnest money:-Rs.6700/-

Time allowed:-One Month.

Name of work:-A/R & M/O on Kangal to Mogra road Km. 0/000 to 4/705(SH:-Providing and laying of hot applied thermoplastic compound 2.5mm thick including Zebra crossing Km. 0/000 to 4/705

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 including entire carriage of materials in all leads and lifts.	494.80 m2			Per square metre.	
	Total:-					


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

SCHEDULE OF QUANTITY

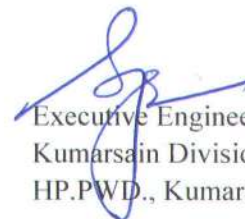
Estimated cost:-Rs.290300/-

Earnest money:-Rs.5900/-

Time allowed:-One Month.

Name of work:-Restoration of rain damages on Kachoti Khad to Kateri Km.0/000 to 1/500 (SH:-Removal of slips at various RDs).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	in words.		
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slops and disposal of cut material with in all leads and lifts as per technical specification 302.3.5 and 1611 including entire carriage of materials in all leads and lifts as per direction of Engineer-in-Charge	2000.00 m3			Per cubic metre.	
	Total:-					


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

SCHEDULE OF QUANTITY.

Estimated Cost:-Rs.282207/-

Earnest money:-5700/-


Time allowed:-One month.

Name of work:-Improvement of Black spot on road from Firnoo Morh to Kanthroo Km.0/000 to 5/000 (SH:-Removal of formation defficiency in Km.2/565 to 2/605).

S.No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	5/7 meters wide (5 meters wide in straigth 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 machineriess 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 206.78(Two hundred six point seventy eight) 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.	653.00 m3			Per cubic metre.	
	G.Total:-					

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

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


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.340033/-

Earnest money:-Rs.6900/-

Time allowed:-One month.

Name of work:-A/R & M/O on Slapper Tattapani Suni Luhri road Km.103/800 to 120/800 (SH:-Construction of P.C.C Retaining wall at RD.119/607.20 to 119/613.60).

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.	14.08 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.	3.84 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.	63.61 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.	28 Nos			Each.	
5	Back filling behind abutment, retaining wall/breast wall including entire carriage of materials in all leads and lifts.	15.55 Cum			Per cubic metre.	
	Total:-					


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

SCHEDULE OF QUANTITY

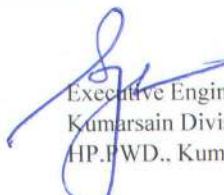
Estimated cost:-Rs.350062/-

Earnest money:-Rs.7100/-

Time allowed:-One month.

Name of work:-Restortion of rain damages on Kholvi Kenchi to Bhadweag road Km.0/000 to 2/990(SH:-Construction of P.C.C Retaining wall at RD.1/120 to 1/126.25).

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.	18.06 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.	3.75 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.	61.37 m3			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	30 Nos			Each.	
5	Back filling behind abutment, retaiing wall/breast wall including entire carriage of materials in all leads and lifts.	9.19 Cum			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

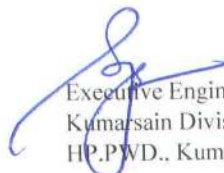
Estimated cost:-Rs.350062/-

Earnest money:-Rs.7100/-

Time allowed:-One month.

Name of work:-Restortion of rain damages on Kholvi Kenchi to Bhadweag road Km.0/000 to 2/990(SH:-Construction of P.C.C Retaining wall at RD.1/127.25 to 1/133.50).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	18.06 m ³			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	3.75 m ³			Per cubic metre.	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	61.37 m ³			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	30 Nos			Each.	
5	Back filling behind abutment, retaiing wall/breast wall including entire carriage of materials in all leads and lifts.	9.19 Cum			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

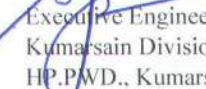
Estimated cost:-Rs.194684/-

Earnest money:-Rs.3900/-

Time allowed:-Two months.

Name of work:-A/R & M/O on Staff Quarter Type-II near PMB Kumarsain (SH:-Painting, Distempering etc.).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :Two or more coats on new work including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	420.97 m2			Per square metre.	
2	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	68.43 m2			Per square metre.	
3	Distempering with 1st quality acrylic distember (Ready mix) having VOC content less than 50 grams/ litre of approved brand and manufacture to give an even shade Old work (one or more coats) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	560.36 m2			Per square metre.	
4	Finishing walls with Acrylic Smooth exterior paint of required shade Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	382.15 m2			Per square metre.	
5	Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade (two or more coats) including a coat of approved steel primer but excluding a coat of mordant solution including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	231.85 m2			Per square metre.	
6	Providing 15 mm thick cement plaster in single coat on the rough side of brick/concrete walls for internal /external plastering in all floors in all heights including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 80 mm in girth and finished even and smooth. Cement mortar 1:6 (1 cement : 6 sand) including carriage of materials through all modes of transportations with in all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	68.52 m2			Per Square metre	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.442247/-


Earnest money:-Rs.8900/-

Time allowed:-Three months.

Name of work:-A/R & M/O on A.E Residence & Staff Quarters building at Kumarsain (SH:-Repair to roof, Painting & Distempering etc.).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :Two or more coats on new work including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-	420.97 m2			Per square metre.	
2	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	68.43 m2			Per square metre.	
3	Distempering with 1st quality acrylic distember (Ready mix) having VOC content less than 50 grams/ litre of approved brand and manufacture to give an even shade Old work (one or more coats) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	647.43 m2			Per square metre.	
4	Finishing walls with Acrylic Smooth exterior paint of required shade Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	382.15 m2			Per square metre.	
5	Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade (two or more coats) including a coat of approved steel primer but excluding a coat of mordant solution including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	231.85 m2			Per square metre.	
6	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level Cement mortar 1:4 (1 cement :4 coarse sand) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	14.26 m2			Per square metre.	
7	Providing 15 mm thick cement plaster in single coat on the rough side of brick/concrete walls for internal /external plastering in all floors in all heights including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 80 mm in girth and finished even and smooth. Cement mortar 1:6 (1 cement : 6 sand) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	70.32 m2			Per Square metre	

8	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled iron butt hinges with necessary screws 35mm thick 2nd class deodar wood including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	10.67 m2			Per Square metre	
9	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required 0.63 mm thick with zinc coating not less than 275 gm/ m ² including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	48.61 m2			Per Square metre	
10	Providing wood work in trusses, purlins, rafters, posts, post plates, wall plates and the like wrought framed, hoisted and fixed in position 2nd class deodar wood including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	0.21 m3			Per cubic metre	
11	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc complete including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	58.16 m2			Per Square metre	
12	White glazed tiles 6 mm thick in flooring, treads of steps and landing laid on a bed of 12 mm thick cement mortar 1:3 (1 cement :3 sand) finished with flush pointing in white cement including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	10.95 m2			Per Square metre	
13	Providing and fixing 6mm (six milimetre) thick water proof plywood lining with butt jointing and nails (back side of cupboards) with necessary screws and adhesive complete as per HPPWD specification 1990 volume-I including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	11.73 m2			Per Square metre	
14	Providing and fixing plain square edged cover fillets (beading) 40mmx12mm section with wood screws in ceiling and lining including mitring at junctions 1st class deodar wood including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	26.20 Rmt.			Per Square metre	
Total:-						


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

SCHEDULE OF QUANTITY.

Estimated Cost:-Rs.310235/-

Earnest money:-6300/-

Time allowed:-One month.

Name of work:-Improvement on road from Khaneri to Balgar Km.0/000 to 1/300 (SH:-Removal of formation defficiencies in Km.0/000 to 0/150 & Construction of wire crate retaining wall at RD.0/000 to 0/030 in extended portion of road).

S.No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	5/7 meters wide (5 meters wide in straigth 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 20.13 (Twenty point thirteen) 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.	326.34 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.	9.00 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.	10.80 m3			Per cubic metre.	
4	Providing and laying of boulder apron laid in wire crates with 4mm dia GI wire conforming to IS:280 and IS: 4826 in 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.	89.86 m3			Per cubic metre.	
G.Total:-						

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

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

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