



**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

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

No. PW-KMS-AB-NIT/2023-24- 2389-91 Dated: - 23/11/2023

To

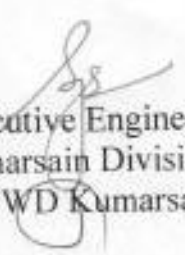
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The Executive Engineer (IT Cell),
HP, PWD, Shimla-2

Subject: -

Publication of Tender Notice

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

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


Executive Engineer,
Kumarsain Division,
HPPWD Kumarsain

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

Copy to Drawing Branch in this office.

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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 **04.07.2023** up to **3:00 PM** and will be opened on same day at **3:30 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 **03.07.2023** up to **5.00 PM**. The tender form can be had from his office against cash payment (Non-refundable) on **04.07.2023** upto **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 Oddi Khaneti Kotgarh Bithal road Km.0/000 to 21/000(SH:-C/O PCC Retaining wall at Rd.17/686 to 17/696).Estimated Cost:-4,91,500/- Earnest Money:-9850/-Time:- One Month.
2. **Name of Work :-**A/R & M/O on Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000 (SH:- Providing & Laying of hot applied thermoplastic compound 2.5mm thick in Km.7/000 to 12/000). Estimated Cost:-4,86,150/- Earnest Money:-9800/-Time:- One Month.
3. **Name of Work :-**A/R & M/O on NH-22 Thumb Kandyali Ekantbari Dhawala road Km.0/000 to 8/756 (SH:- Providing & Laying of hot applied thermoplastic compound 2.5mm thick in Km.0/000 to 7/000). Estimated Cost:-4,86,150/- Earnest Money:-9800/-Time:- One Month.
4. **Name of Work :-**R/O R/D on Chajoli Kharola road Km.0/000 to 1/000 (SH:-C/O PCC Retaining wall at Rd.0/910to 0/923.50).Estimated Cost:-4,85,456/- Earnest Money:-9800/-Time:- Three Months.
5. **Name of Work :-**C/O link road from Dalan to Bhanana Km.0/000 to 2/330 (SH:- C/O PCC B/Wall at Rd.1/960 to 1/980& 2/195 to 2/215). Estimated Cost:-4,77,523/- Earnest Money:-9600/-Time:- Three Months.
6. **Name of Work :-**R/O R/D on link road to village Mangsu Km.0/000 to 1/030 (SH:- C/O PCC Side Drain at Rd.0/635 to 0/695, Wire Crate R/Wall at Rd. 0/675 to 0/689.50 & Edge wall at Rd.0/635 to 0/663.80). Estimated Cost:-4,71,979/- Earnest Money:-9,500/-Time:- Three Months.
7. **Name of Work :-**R/O R/D on Lauga Badubagain Changadhar Dadesh Banot Nallah road Km.0/000 to 6/970 (SH:-C/O PCC R/Wall at Rd.2/020 to 2/032). Estimated Cost:-4,65,809/- Earnest Money:-9400/-Time:- Three Months.
8. **Name of Work :-**R/O R/D on Oddi Khaneti Kotgarh Bithal road Km.0/000 to 21/000(SH:- C/O PCC R/Wall at Rd.17/707 to 17/721). Estimated Cost:-4,47,427/- Earnest Money:-9000/-Time:- One Month.
9. **Name of Work:-** R/O R/D on Pannu Dhank Katheen road Km.0/000 to 5/840 (SH:-C/O PCC R/Wall at Rd.0/345 to 0/354.35). Estimated Cost:-4,29,086/- Earnest Money:-8600/- Time:- Three Months.
10. **Name of Work :-**C/O link road from Kepu to Harijan Basti Arthi Km.0/000 to 3/000(SH:- C/O PCC B/Wall at Rd.1/452 to 1/463).Estimated Cost:-3,94,641/- Earnest Money:-7900/-Time:- Three Months.

11. **Name of Work :-** C/O link road from Pauchi to Gadheri Km.0/000 to 0/630 (SH:- C/o PCC R/Wall at Rd.0/315 to 0/330). Estimated Cost:-3,56,115/- Earnest Money:-7200/-Time:- Three Months.
12. **Name of Work :-** C/O link road from Thachru to Reshwa Banka Jubber Km.0/000 to 1/345 (SH:- Formation Cutting 5/7 Mtrs wide road in Km.1/100 to 1/345). Estimated Cost:-3,03,229/- Earnest Money:-6100/-Time:- Two Months.
13. **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.15/410 to 15/420). Estimated Cost:-2,82,805/- Earnest Money:-5700/-Time:- Two Months.
14. **Name of Work :-** (i) A/R & M/O on Oddi Kingal road Km.0/000 to 21/405 (SH:- Providing & Laying of hot applied thermoplastic compound 2.5mm thick in Km.2/000 to 3/000 (ii) A/R & M/O on link road to Kupri Km.0/000 to 2/600 (SH:- Providing & Laying of hot applied thermoplastic compound 2.5mm thick in Km.0/000 to 2/600). Estimated Cost:-2,50,020/- Earnest Money:-5000/-Time:- One Month.
15. **Name of Work :-** A/R & M/O on link road to village Kupri Km.0/000 to 2/600 (SH:- C/O PCC R/Wall at Rd.2/540 to 2/550). Estimated Cost:-2,44,644/- Earnest Money:-4900/-Time:- Two Months.
16. **Name of Work :-** A/R & M/O on Oddi Kingal road Km.0/000 to 2/1405 (SH:- C/O Wire Crate R/Wall at Rd.8/675 to 8/689.40). Estimated Cost:-2,29,875/- Earnest Money:-4600/-Time:- One Month.
17. **Name of Work :-** R/O R/D on Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000 (SH:- C/O PCC B/Wall at Rd.32/500 to 32/510). Estimated Cost:-1,30,373/- Earnest Money:-2700/-Time:- One Month.
18. **Name of Work :-** Improvement of black spot on Oddi Kingal road Km.0/000 to 21/405 (SH:- Widening of road curves at Rd. 4/270 to 4/279 & 4/525 to 4/540). Estimated Cost:-1,21,197/- Earnest Money:-2500/-Time:- 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 75 days.

Executive Engineer,
Kumarsain Division
HP.PWD, Kumarsain

No.PW-KMS-AB-NIT/2023-24- 2239-88

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.

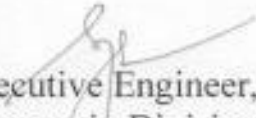
Copy to Notice Board of this office.

Dated:- 23/06/2023

Executive Engineer,
Kumarsain Division,
HP.PWD, Kumarsain

CERTIFICATE

CERTIFIED THAT THE TENDERS OF WORKS, AS
CALLED VIDE THIS OFFICE LETTER NO. PW-KMS-AB-NIT/ 2023-24-
2339-88 DATED 23-06-23 ARE URGENT NATURE AND
PUBLIC INTEREST.


Executive Engineer,
Kumarsain Division,
HPPWD Kumarsain

SCHEDULE OF QUANTITY

Estimated cost:-Rs.491500/-

Earnest money:-Rs.9850/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Oddi Khaneti Kotgarh Bithal road Km.0/000 to 21/000 (SH:-C/O P.C.C Retaining wall at RD.17/686 to 17/696).

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.	25.00 m ³			Per cubic metre.	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	100.75 m ³			Per cubic metre.	
3	Providing weapholes in brick masonry stone masonry plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(h) towards drawing face complete as per drawing and technical specification clauses 614,709,1204,3,7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	20 Nos			Each.	
4	Back filling behind abutment, retaining wall/breast wall including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	7.50 Cum			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.486150/-

Earnest money :-Rs.9800/-

Time allowed:-One month.

Name of work:-A/R & M/O Narkanda Thanedhar Kotgarh Bithal road Km. 0/000 to 44/000. (SH:-Providing and laying of hot applied Thermoplastic compound 2.5mm thick in Km. 7/000 to 12/000).

S. No.	Sub-Head Items of work.	Quantity.	Rate		Unit.	Amount.
			In fig.	In words.		
1	Providing and applying 2.5 mm thick road marking strips (retro-reflective) of specified shade colour using hot thermoplastic material by fully/ semi automatic thermoplastic paint applicator machine fitted with profile shoe, glass beads dispenser, propane tank heater and profile shoe heater, driven by experienced operator on road surface including cost of material, labour, I&P, cleaning the road surface of all dirt, seals, oil, grease and foreign material etc. complete in all leads and lifts as per direction of Engineer-in-charge and accordance with applicable specification.	700.00 m2			Per square metre.	
	Total:-					


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.486150/-

Earnest money:-Rs.9800/-

Time allowed:-One month.

Name of work:-A/R & M/O NH-22 Thumb Kandyali Ekantbari Dhawala road Km.0/000 to 8/756 (SH:-Providing and laying of hot applied Thermoplastic compound 2.5mm thick in Km. 0/000 to 7/000).

S. No.	Sub-Head Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Providing and applying 2.5 mm thick road marking strips (retro-reflective) of specified shade/ colour using hot thermoplastic material by fully/ semi automatic thermoplastic paint applicator machine fitted with profile shoe, glass beads dispenser, propane tank heater and profile shoe heater, driven by experienced operator on road surface including cost of material, labour, I&P, cleaning the road surface of all dirt, seals, oil, grease and foreign material etc. complete in all leads and lifts as per direction of Engineer-in-charge and accordance with applicable	700.00 m ²			Per square metre.	
	Total:-					


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.485456/-

Earnest money:-Rs.9800/-

Time allowed:- Three months.

Name of work:-Restoration of rain damages on Chajoli Kharola road Km.0/000 to 1/000(SH:-C/O P.C.C Retaining wall at RD.0/910 to 0/923.50).

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.	18.43 m ³			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	25.65 m ³			Per cubic metre.	
3	Providing and laying concrete for plain reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	84.24 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 in 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.	11.34 Cum			Per cubic metre.	
Total:-						


Executive Engineer,
Kumarsain Division,
HP PWD, Kumarsain.

SCHEDULE OF QUANTITY

Estimated cost:-Rs.477523/-

Earnest money:-Rs.9600/-

Time allowed:-Three months.

Name of work:-Construction of link road from Dalan to Bhanana Km.0/000 to 2/330(SH:-C/O P.C.C Breast wall at RD.1/960 to 1/980 & 2/195 to 2/215).

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.	20.00 m ³			Per cubic metre.	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	90.28 m ³			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	72 Nos			Each.	
	Total:-					


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.471979/-

Earnest money:-Rs.9500/-

Time allowed:-Three months.

Name of work:-Restoration of rain damages on link road to village Mangsu Km.0/000 to 1/030(SH:-C/O P.C.C. side drain at RD.0/635 to 0/695, Wire crate Retaining wall at RD.0/675 to 0/689.40 & Edge wall at RD.0/635 to 0/663.80).

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.	67.18 m ³			Per cubic metre.	
2	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.	4.34 m ³			Per cubic metre.	
3	Providing and laying of boulder apron laid in wire crates with 4mm dia GI wire conforming to IS:280 and IS: 4826 in 100mm x100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg. each as per drawing and technical specification Clause 1301 including entire carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge.	165.89 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.465809/-

Earnest money:-Rs.9400/-

Time allowed:-Three months.

Name of work:-Restoration of rain damages on Louga Badubgain Changadhar Dadesh Banot Nallah road Km.0/000 to 6/970(SH:-C/O P.C.C Retaining wall at RD.2/020 to 2/032).

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.	30.24 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.	26.40 m ³			Per cubic metre.	
3	Providing and laying concrete for plain reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (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.	89.10 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.	52 Nos.			Each,	
5	Back filling behind abutment, retaing wall breast wall including entire carriage of materials in all leads and lifts.	16.20 Cum			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.447427/-

Earnest money:-Rs.9000/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Oddi Khaneti Kotgarh Bithal road Km.0/000 to 21/000 (SH:-C/O P.C.C Retaining wall at RD.17/707 to 17/721).

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.	23.80 m ³			Per cubic metre.	
2	Providing and laying concrete for plain reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	91.00 m ³			Per cubic metre	
3	Providing weapholes in brick masonry stone masonry plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3 ? including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	20 Nos.			Each.	
4	Back filling behind abutment, retaining wall/breast wall including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	9.66 Cum			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.429086/-

Earnest money:-Rs.8600/-

Time allowed:-Three months.

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.0/345 to 0/354.35).

S. No.	Sub-Head Items of work	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	37.87 m ³			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	5.61 m ³			Per cubic metre	
3	Providing and laying concrete for plain reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	85.83 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.	40 Nos			Each	
5	Back filling behind abutment, retaining wall/breast wall including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	8.70 Cum			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.394641/-

Earnest money:-Rs.7900/-

Time allowed:-Three months.

Name of work:-Construction of link road from Kepu to Harijan Basti Arthi Km.0/000 to 3/000(SH:-C/O P.C.C Breast wall at RD.1/452 to 1/463).

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) 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.	47.50 m ³			Per cubic metre.	
2	Providing and laying concrete for plain reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	71.50 m ³			Per cubic metre.	
3	Providing weapholes in brick masonry stone masonry plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v)20(H) towards drawing face complete as per drawing and technical specification clauses 614.709, 1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	15 Nos			Each.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.356115/-

Earnest money:-Rs.7200/-

Time allowed:-Three months.

Name of work:-Construction of link road from Pauchi to Gadheri Km.0/000 to 0/630(SH:-C/O P.C.C Retaining wall at RD.0/315 to 0/330).

S. No.	Sub-Head Items of work.	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	Excavation in soil in hill area by manual means mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	23.70 m ³			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	11.25 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.	65.10 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, retaining wall breast wall including entire carriage of materials in all leads and lifts.	6.75 Cum			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY.

Estimated Cost:-Rs.303229/-

Earnest money:-6100/-

Time allowed:-Two months.

Name of work:-Construction of link road from Thachru to Reshwa Banka Jubber Km.0/000 to 1/345 (SH:-Formation cutting 5.7 mtr. wide road in Km.1/110 to 1/345).

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 H.P.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 & 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 79.11 (Seventy nine point eleven) 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.	1582.20 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,
H.P.P.W.D., Kumarsain.

SCHEDULE OF QUANTITY

Estimated cost:-Rs.282805/-

Earnest money:-Rs.5700/-

Time allowed:-Two months.

Name of work:-Restoration of rain damages on Narkanda Thaneelhar Kotgarh Bithal road Km.0/000 to 44/000 (SH:-C/O P.C.C Retaining wall at RD.15/410 to 15/420).

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.	16.50 m ³			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	7.50 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.	55.00 m ³			Per cubic metre.	
4	Providing weapholes in brick masonry stone masonry plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v) 20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	40 Nos.			Each.	
5	Back filling behind abutment, retaining wall breast wall including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	10.80 Cum			Per cubic metre.	
Total:-						

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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.250020/-

Earnest money:-Rs.5000/-

Time allowed:-One month.

Name of work:-(i)A/R & M/O Oddi Kingal road Km. 0/000 to 21/405. (SH:-Providing and laying of hot applied Thermoplastic compound 2.5mm thick in Km. 2/000 to 3/000).

(ii)A/R & M/O link road to village Kupri Km. 0/000 to 2/600 (SH:-Providing and laying of hot applied Thermoplastic compound 2.5mm thick in Km. 0/000 to 2/600).

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 in all leads and lifts as per direction of Engineer-in-charge and accordance with applicable specification.	360.00 m ²			Per square metre.	
	Total:-					


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.244644/-

Earnest money:-Rs.4900/-

Time allowed:-Two months.

Name of work:-A/R & M/O link road to village Kupri Km.0/000 to 2/600(SH:-C/O P.C.C Retaining wall at RD.2/540 to 2/550).

S. No.	Sub-Head Items of work.	Quantity	Rate		Unit.	Amount.
			In fig.	In words.		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	11.70 m ³			Per cubic metre.	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	40.95 m ³			Per cubic metre.	
3	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614.709.1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	20 Nos			Each	
4	Back filling behind abutment, retaining wall breast wall including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	17.20 Cum			Per cubic metre.	
	Total:-					


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.229875/-

Earnest money:-Rs.4600/-

Time allowed:-One month.

Name of work:-A/R & M/O Oddi Kingal road Km.0/000 to 21/405(SH:-C/O Wire crate Retaining wall at RD.8/675 to 8/689.40).

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.	32.40 m ³			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	10.37 m ³			Per cubic metre.	
3	Providing and laying of boulder apron laid in wire crates with 4mm dia GI wire conforming to IS:280 and IS: 4826 in 100mm x100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg. each as per drawing and technical specification Clause 1301 including entire carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge.	82.94 m ³			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.130373/-

Earnest money:-Rs.2700/-

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 Breast wall at RD.32/500 to 32/510).

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.	18.80 m ³			Per cubic metre.	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom backfilling in trenches with excavated suitable materials upto all leads and lifts as per directions of the Engineer-in-Charge.	5.00 m ³			Per cubic metre.	
3	Providing and laying concrete for plain reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203) P.C.C nominal mix 1:5:10 (40mm aggregates) including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	23.80 m ³			Per cubic metre.	
4	Providing and laying weapholes in brick masonry stone masonry plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3,7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	18 Nos.			Each.	
Total:-						


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

SCHEDULE OF QUANTITY.

Estimated Cost:-Rs.121197/-

Earnest money:-2500/-

Time allowed:-One month.

Name of work:-Improvement of black spot on Oddi Kingal road km 0/000 to 21/405 (SH:-Widening of road curves at RD.4/270 to 4/279 & 4/525 to 4/540).

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 91.39 (Ninety one point thirty 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.	274.17 m ³			Per cubic metre.	
	G.Total:-					

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

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


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