



**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

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

No. PW-KMS-AB-NIT/2022-23- 2428-30

Dated: - 01/06/2022

To



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

Subject: -

Publication of Tender Notice

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

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


Executive Engineer,
Kumarsain Division,
HPPWD Kumarsain

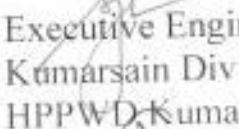
Copy to the Superintending Engineer, 11th Circle,
HP.PWD., Rampur Bsr. for information please.

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/ 2021-22-
2378-2427 DATED 01-06-2022 ARE URGENT NATURE AND PUBLIC
INSTREST.


Executive Engineer,
Kumarsain Division,
HPPWD Kumarsain

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

NOTICE INVITING TENDER

Sealed item/percentage rate tenders are hereby invited by the Executive Engineer, Kumarsain Division, and HP.PWD, Kumarsain from the experienced contractors enlisted with PWD for B&R works, so as to reach in this office on or before **09.06.2022** up to **10:00 AM** and will be opened on same day at **11:00 AM** in the presence of intending contractors or their authorized representatives who may wish to be present.

The application for issue of tender form shall be received on **08.06.2022** up to **1.00 PM**. The tender form can be had from his office against cash payment (Non-refundable) on **08.06.2022** up to **5.00 P.M.**

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

1. **Name of Work :-** R/O R/D on Oddi Kingal road Km.0/000 to 21/405 (SH:- C/O PCC R/Wall at RD.18/590 to 18/610). Estimated Cost:-4,99,755/- Earnest Money:- 10000/- Time allowed: -One Month.
2. **Name of Work:-** A/R & M/O on Narkanda Doza road Km.0/000 to 6/500 (SH:- Repair of Pot Holes in Km.2/500 to 4/500). Estimated Cost:-4,99,217/- Earnest Money:- 10,000/- Time allowed: - Three Months.
3. **Name of Work:-** A/R & M/O on Narkanda Doza road Km.0/000 to 6/500 (SH:- Repair of Pot Holes in Km.4/500 to 6/500). Estimated Cost:-4,99,477/- Earnest Money:- 10,000/- Time allowed: -Three Months.
4. **Name of Work:-** C/O link road from Thachru to Banka Jubber Km.0/000 to 1/110 (SH:- Formation Cutting 5/7 mtrs wide road in Km.0/645 to 0/780). Estimated Cost:-4,96,766/- Earnest Money:- 10000/- Time allowed: -One Month.
5. **Name of Work:-** C/O ambulance road from Devri to Tushar Km 0/000 to 1/705 (SH:- Formation Cutting 2.75/5.00 Mtrs wide road in Km.0/720 to 1/150). Estimated Cost: - 4,91,508/- Earnest Money: 9900/- C
6. **Name of Work:-** A/R & M/O on Upper Jarol to Lower Jarol Km 0/000 to 2/400 (SH:- C/O PCC V-Shape Drain in Km.0/000 to 1/000). Estimated Cost:- 4,85,480/- Earnest Money: 9800/- Time allowed: -One Month.
7. **Name of Work:-** C/O link road from Machhi Madhawani to Sonadhar Km.0/000 to 1/200 (SH:- Formation Cutting 5/7 mtrs wide road in Km.0/795 to 1/000). Estimated Cost: - 4,82,682/- Earnest Money:- 9700/- Time allowed: -Three Months.
8. **Name of Work:-** A/R & M/O Chamola Kangal Thathal Matiana road Km.26/000 to 42/635 (SH:- Repair of Pot Holes between Km.26/000 to 27/000). Estimated Cost:- 4,17,299/- Earnest Money: 8400/- Time allowed: Two Months.
9. **Name of Work:-** A/R & M/O Chamola Kangal Thathal Matiana road Km.26/000 to 42/635 (SH:- Repair of Pot Holes between Km.27/000 to 27/800). Estimated Cost:- 4,33,755/- Earnest Money: 8700/- Time allowed: Two Months.
10. **Name of Work:-** C/O link road from Khaneri to Balgar Km.0/000 to 1/300 (SH:- Formation Cutting 5/7 mtrs wide road in Km.0/615 to 0/810). Estimated Cost:-4,31,019/- Earnest Money:- 8700/- Time allowed: - Three Months.
11. **Name of Work:-** A/R & M/O on Narkanda Doza road Km.0/000 to 6/500 (SH:- C/O PCC R/Wall at Rd.5/645 to 5/660). Estimated Cost:-3,43,810/- Earnest Money:- 7000/- Time allowed: -Two Months.

12. **Name of Work:-** R/O R/D on Kholvi Kenchi to Bhrewag road Km.0/000 to 2/990 (SH:- C/O Wire Crate B/Wall at Rd.2/065 to 2/093.80). Estimated Cost:-2,18,941/- Earnest Money:- 4400/- Time allowed: -One Month.
13. **Name of Work:-** A/R & M/O on Narkanda Thanedhar road Km.0/000 to 17/000 (SH:- C/O PCC R/Wall at Rd.16/940 to 16/953). Estimated Cost:-2,90,234/- Earnest Money:- 5900/- 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

Dated:- 01/11/22

No.PW-KMS-AB-NIT/2022-23- 2378-2427

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.499755/-

Earnest money:-Rs.10000/-

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.18/590 to 18/610).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	25.00 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.	27.20 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.	93.40 m3			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	51 Nos			Each.	
5	Back filling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 Granular material including entire carriage of materials in all leads and lifts.	17.00 m3			Per cubic metre.	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.499217/-

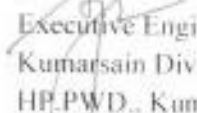
Earnest money:-Rs.10000/-

Time allowed:-Three months.

Name of work:-A/R & M/O on Narkanda Doza road Km 0/000 to 6/500(SH:-Repair of pot holes in Km.2/500 to 4/500).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	WBM Grading 3:-Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 KN in stages to proper grade and camber, applying and brooming, stone screening to fill up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical specification clause 405 By manual means(Pot hole) including entire carriage of materials in all leads and lifts.	19.77 m3			Per cubic metre.	
2	Providing and applying primer coat with Bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70 -1.00 Kg/Sqm. using mechanical means as per Technical Specification Clause 502 with in all leads & lifts complete as per directions of the Engineer-in-Charge.	263.58 m2			Per square metre.	
3	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20mm thick premix carpet and seal coat type B specification Clause 1904.2,503 and 508.1 Premixed with bitumen(VG-10) including entire carriage of materials in all leads and lifts as per direction of the Engineer-in-charge.	1989.70 m2			Per square metre.	
Total:-						

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


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.499477/-

Earnest money:-Rs.10000/-

Time allowed:-Three months.

Name of work:-A/R & M/O on Narkanda Doza road Km 0/000 to 6/500(SH:-Repair of pot holes in Km.4/500 to 6/500).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	WBM Grading 3:-Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 KN in stages to proper grade and camber, applying and brooming, stone screening to fill up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical specification clause 405 By manual means(Pot hole) including entire carriage of materials in all leads and lifts.	21.01 m3			Per cubic metre.	
2	Providing and applying primer coat with Bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70 -1.00 Kg/Sqm. using mechanical means as per Technical Specification Clause 502 with in all leads & lifts complete as per directions of the Engineer-in-Charge.	280.13 m2			Per square metre.	
3	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20mm thick premix carpet and seal coat type B specification Clause 1904.2.503 and 508.1 Premixed with bitumen(VG-10) including entire carriage of materials in all leads and lifts as per direction of the Engineer-in-charge.	1972.35 m2			Per square metre.	
Total:-						

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


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

SCHEDULE OF QUANTITY.

Estimated Cost:-Rs.496766/-

Earnest money:-10000/-

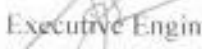
Time allowed:-One month.

Name of work:-Construction of link road from Thachru to Banka Jubber Km.0/000 to 1/110 (SH:-Formation cutting 5/7 mtr. wide road Km.0/645 to 0/780).

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 265.15 (two hundred sixty five point fifteen) 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.	1800.53 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.491508/-

Earnest money:-9900/-


Time allowed:-Three months.

Name of work:-Construction of Ambulance road from Devri to Tusher Km.0/000 to 1/705(SH:-Formation cutting 2.75/5.00 mtr. wide road in Km. 0/720 to 1/150).

S.No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	2.75/5.00 meters wide (2.75 meters wide in straight and 5.00 meters on curves) Excavation in soil in hilly area by mechanical means including cutting and trimming of side slopes and disposal of excavated earth in all height and depths in all kinds of soil, including saturated soil comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock where blasting is prohibited and their intermediate classification of soils including dewatering wherever required, setting out true to the required lines, grades, side, slopes, trimming of bottom and levels as shown on the drawing and as directed by the Engineer-in Charge, at site according to the HP.PWD specification of 1990 volume-I and sorting out useful and un-useful material and stacking the same in all leads and lifts and transportation of the un serviceable materials for filling in roadways, embankment s for grade improvement and leveling to required grades and then disposing of all surplus excavated materials in acquired width of the road or on approved dumping site /sites through all labours machineries materials, tools, equipments and safety measures and other incidental necessary to complete the work by mechanical means and or labour if any required. The recovery for stones, whether useful or not for 290.12 (Two hundred ninety point twelve) 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.	1608.60 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.485480/-

Earnest money:-Rs.9800/-

Time allowed:-One month.

Name of work:-A/R & M/O on Upper Jarol to Lower Jarol Km.0/000 to 2/400 (SH:-C/O P.C.C V-shape drain Km.0/000 to 1/000).

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.	80.04 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 in all leads and lifts.	69.86 m ³			Per cubic metre.	
	Total:-					


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

SCHEDULE OF QUANTITY.

Estimated Cost:-Rs.482682/-

Earnest money:-Rs.9700/-


Time allowed:-Two months.

Name of work:- Construction of link road from Machhi Madhawani to Sonadhar Km.0/000 to 1/200 (SH:-Formation cutting 5/7 mtr. wide road in Km.0/795 to 1/000).

S.No.	Sub-Head/Items of work.	Quantity.	Rate:		Unit.	Amount.
			In fig.	In words.		
1	5/7 meters wide (5 meters wide in straight and 7 meters on curves) Excavation in soil in hilly area by mechanical means including cutting and trimming of side slopes and disposal of excavated earth in all height and depths in all kinds of soil, including saturated soil comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock where blasting is prohibited and their intermediate classification of soils including dewatering wherever required, setting out true to the required lines, grades, side, slopes, trimming of bottom and levels as shown on the drawing and as directed by the Engineer.-in Charge. at site according to the HP.PWD specification of 1990 volume-I and sorting out useful and un-useful material and stacking the same in all leads and lifts and transportation of the un serviceable materials for filling in roadways, embankment s for grade improvement and leveling to required grades and then disposing of all surplus excavated materials in acquired width of the road or on approved dumping site /sites through all labours machineries materials, tools, equipments and safety measures and other incidental necessary to complete the work by mechanical means and or labour if any required. The recovery for stones, whether useful or not for 225.40 (Two hundred twenty five point forty) 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.	1940.12 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.417299/-

Earnest money:-Rs.8400/-

Time allowed:-Two months.

Name of work:-A/R & M/O on Chamola Kangal Thathal Kotighat Matiana road Km.26/00 to 46/635 (SH:-Repair of pot holes in Km.26/000 to 27/000).

S. No.	Sub-Head/Items of work,	Quantity,	Rate,		Unit.	Amount.
			In fig.	In words.		
1	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 KN in stages to proper grade and camber, applying and brooming, stone screening to fill up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical specification clause 405 By manual means(Pot hole) including entire carriage of materials in all leads and lifts.	25.16 m3			Per cubic metre.	
2	Providing and applying primer coat with Bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70 -1.00 Kg/Sqm. using mechanical means as per Technical Specification Clause 502 with in all leads & lifts complete as per directions of the Engineer-in-Charge.	335.40 m2			Per square metre.	
3	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20mm thick premix carpet and seal coat type B specification Clause 1904.2,503 and 508.1 Premixed with bitumen (VG-10) laying by manually/mechanically to the required grade level and alignment and rolling with wheeled road roller to achieve the desired compaction as per PWD specifications including entire carriage of materials, plants and equipments by all modes of transportation with in all leads and lifts and as per direction of Engineer-in-charge.	1504.80 m2			Per square metre.	
	Total:-					

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


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

SCHEDULE OF QUANTITY.

Estimated Cost:-Rs.431019/-

Earnest money:-8700/-

Time allowed:-Three months.

Name of work:-Construction of link road from Khaneri to Balgar Km.0/000 to 1/300 (SH:-Formation cutting 5/7 mtr. wide road in Km.0/615 to 0/810).

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 147.80 (One hundred forty seven point eighty) 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.	2080.81 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.433755/-

Earnest money:-Rs.8700/-

Time allowed:-Two months.

Name of work:-A/R & M/O on Chamola Kangal Thathal Kotighat Matiana road Km.26/00 to 46/635 (SH:-Repair of pot holes in Km.27/000 to 27/800).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 KN in stages to proper grade and camber, applying and brooming, stone screening to fill up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical specification clause 405 By manual means(Pot hole) including entire carriage of materials in all leads and lifts.	25.69 m3			Per cubic metre.	
2	Providing and applying primer coat with Bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70 -1.00 Kg/Sqm. using mechanical means as per Technical Specification Clause 502 with in all leads & lifts complete as per directions of the Engineer-in-Charge.	342.50 m2			Per square metre.	
3	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20mm thick premix carpet and seal coat type B specification Clause 1904.2.503 and 508.1 Premixed with bitumen (VG-10) laying by manually/mechanically to the required grade level and alignment and rolling with wheeled road roller to achieve the desired compaction as per PWD specifications including entire carriage of materials, plants and equipments by all modes of transportation with in all leads and lifts and as per direction of Engineer-in-charge.	1571.20 m2			Per square metre.	
Total:-						

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


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

DRAFT SCHEDULE OF QUANTITY

Estimated cost:-Rs.343810/-

Earnest money:-Rs.7000/-

Time allowed:-Two months.

Name of work:-A/R & M/O on Narkanda Doza road Km.0/000 to 6/500(SH:-Construction of P.C.C Retaining wall at RD.5/645 to 5/660).

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.	17.10 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.	17.55 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.	66.00 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.	8.40 Cum			Per cubic metre.	
	Total:-					


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.218941/-

Earnest money:-Rs.4400/-

Time allowed:-One month.

Name of work:-Restoration of rain damages on Kholvi Kenchi to Bharweag road Km.0/000 to 2/990(SH:-Construction of wire crates Breast wall at RD.2/065 to 2/093.80).

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.	25.06 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.	10.37 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.	
	Total:-					


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

SCHEDULE OF QUANTITY


Estimated cost:-Rs.290234/-

Earnest money:-Rs.5900/-

Time allowed:-One month.

Name of work:-A/R & M/O on Narkanda Thanedahr road Km.0/000 to 17/000(SH:-Construction of P.C.C Retaining wall at RD.16/940 to 16/953).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	5.46 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.	9.10 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.	54.60 m3			Per cubic metre.	
4	Providing weapholes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pie extending through the full width of the structures with slop of 1 (v):20(H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3,7 including entire carriage of materials through all modes of transportation with in all leads and lifts as per direction of the Engineer-in-Charge.	20 Nos			Each.	
5	Back filling behind abutment, retaining wall/breast wall including entire carriage of materials in all leads and lifts.	7.80 Cum			Per cubic metre.	
Total:-						


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