



**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

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

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

To

792-44

Dated: - 22/04/2022

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

Subject: -

Publication of Tender Notice

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

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


Executive Engineer,
Kumarsain Division,
HPPWD Kumarsain

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

Copy to Drawing Branch in this office.


Executive Engineer,
Kumarsain Division,
HPPWD Kumarsain

CERTIFICATE

CERTIFIED THAT THE TENDERS OF WORKS, AS
CALLED VIDE THIS OFFICE LETTER NO. PW-KMS-AB-NIT/ 2022-23-
692-741 DATED 24-2-2023 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 **30.04.2022** 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 **29.04.2022** up to **1.00 PM**. The tender form can be had from his office against cash payment (Non-refundable) on **29.04.2022** 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** :-A/R & M/O on Narkanda Doza road Km.0/000 to 6/500(SH:-Repair of Pot Holes in Km.0/000 to 6/500). Estimated Cost:-4,93,472/- Earnest Money:- 9900/- Time allowed: -Two Months.
2. **Name of Work**:-A/R & M/O on Chamola Kangal Thathal Kotighat Matiana road Km.26/000 to 52/635(SH:- Repair of Pot Holes in Km.29/500 to 31/100). Estimated Cost:-4,14,620/- Earnest Money:- 8300/- Time allowed: -Two Months.
3. **Name of Work**:-A/R & M/O on Chamola Kangal Thathal Kotighat Matiana road Km.26/000 to 52/635(SH:- Repair of Pot Holes in Km.31/100 to 32/600). Estimated Cost:-4,14,094/- Earnest Money:- 8300/- Time allowed: -Two Months.
4. **Name of Work**:- A/R&M/O on link road to Hattu Temple Km.0/000to 6/245 (SH:- providing & Laying Grading-III & Primer Coat (SS-I).Estimated Cost: - 2,91,798/- Earnest Money: 5900/- Time allowed: -One Month.
5. **Name of Work**:- (i)A/R & M/O on Oddi Kingal road Km.0/000 to 21/405(SH:- P/L Hot applied Thermoplastic Compound 2.5mm thick in Km.1/000 to 2/000 & 6/000 to 7/000).(ii)A/R & M/O on link road to Sarkalti Raila Nimla Km.0/000 to 1/000(SH:- P/L Hot applied Thermoplastic Compound 2.5mm thick in Km.0/000 to 1/000)(iii) A/R & M/O on Oddi Jogsha via Ghumana road Km.0/000 to 2/400(SH:- P/L Hot applied Thermoplastic Compound 2.5mm thick in Km. 0/000 to 2/400).Estimated Cost: - 3,54,672/- Earnest Money: 7100/- Time allowed: -One Month.
6. **Name of Work**:- R/O R/D on link road to village Kotla Km.0/000 to 1/300 (SH:- C/O PCC R/Wall at Rd.1/284 to 1/300).Estimated Cost:- 4,83,723/- Earnest Money: 9700/- Time allowed: -One Months.
7. **Name of Work**:- Preparation of D.P.R for M/T of Ahar to Barthanighatti road Km.0/000 to 3/355 (SH:- Preparation of DPR and CBR tests in Km.0/000 to 3/355).Estimated Cost: - 80110/- Earnest Money: 1700/- Time allowed: -One Month.
8. **Name of Work**:- Preparation of D.P.R for improvement, M/T (i)Link road to Shamathla from Kanda PMGSY road Km.0/000 to 1/390(ii)Lohrigad to Kofferdhara on the Horticulture road Km.0/000 to 1/660 (iii)Link road to village Naula Km.0/000 to 2/700 (SH:-Preparation of DPR and CBR tests).Estimated Cost: - 1,32,800/- Earnest Money: 2700/- Time allowed: -One Month.
9. **Name of Work**:- A/R & M/O on Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000(SH:- P/L hot applied Thermoplastic Compound 2.5mm thick in Km.0/000 to 5/000).Estimated Cost.4,59,760- Earnest Money:- 9,200/- Time allowed: -One Month.

10. **Name of Work:-** (i)A/R & M/O on Narkanda Thanedhar Kotgarh Bithal road Km.0/000 to 44/000(SH:- P/L Hot applied Thermoplastic Compound 2.5mm thick in Km.5/000 to 7/000 & 40/000 to 42/000(MDR)(ii). A/R & M/O on Oddi Khaneti Kotgarh road Km.0/000 to 21/000(SH:- P/L Hot applied Thermoplastic Compound 2.5mm thick in Km.19/000 to 20/400).Estimated Cost: - 4,46,624/- Earnest Money: 9000/- Time allowed: -One Month.

11. **Name of Work:-** (i)A/R & M/O on Tannujubbar Banshera Shilajan road road Km.0/000 to 2/000(SH:- P/L Hot applied Thermoplastic Compound 2.5mm thick in Km.0/000 to 0/700).(ii)A/R & M/O on approach road to Circuit House Narkanda Km.0/000 to 0/270 (SH:- P/L Hot applied Thermoplastic Compound 2.5mm thick in Km.0/000 to 0/270) (iii) A/R & M/O on link road to Hattu Temple Km.0/000 to 6/245 (SH:- P/L Hot applied Thermoplastic Compound 2.5mm thick in Km. 0/000 to 6/245).Estimated Cost:- 4,09,843/- Earnest Money: 8200/- Time allowed: -One Month.

12. **Name of Work:-** R/O R/D on link road to village Bahli Km.0/000 to 2/000(SH:- C/O PCC R/Wall at Rd.0/600 to 0/615).Estimated Cost.4,96,545/- Earnest Money:- 10,000/- 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:- 21/04/2022

No.PW-KMS-AB-NIT/2021-22- 692-23,

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

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

Estimated Cost:-Rs. 493472/-
Earnest Money:-Rs.9900/-
Time:- Two months.

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			in fig.	in words		
1	2	3	4	5	6	7
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 including entire carriage of materialsplants and equipments by all modes of transportation with in all leads and lifts and as per direction of Engineer-in-charge	20.98 m ³			Per Cubic Metre	
2	Providing and applying primer coat with bitumen emulsion (SS-I) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70-1.0 Kg/sqm using mechanical means as per Technical Specification Clause 502 Low porosity including entire carriage of materialsplants and equipments by all modes of transportation with in all leads and lifts and as per direction of Engineer-in-charge.	279.68 m ²			Per Square Metre.	

3	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20mm thick premix carpet and seal coat type B specification Clause 1904.2,503 and 508.1 Premixed with bitumen (VG-10) 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.	1945.31 m ²				Per Square Metre.
Total:-						

Note :-The Bitumen/Emulsion will be issued
from PWD store at Kumarsain.

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

SCHEDULE OF QUANTITY

Estimated Cost:-Rs. 414620/-

Earnest Money:-Rs.8300/-

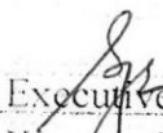
Time:- Two months.

Name of work:-A/R & M/O on Chamola Kangal Thathal Kotighat Matiana road Km.26/000 to 42/635 (SH:-Repair of pot holes between Km. 29/500 to 31/100).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			in fig.	in words		
1	2	3	4	5	6	7
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 interspaces of coarse aggregate, watering and compacting to the required density Grading-3 as per Technical specification clause 405 By manual means including entire carriage of materialsplants and equipments by all modes of transportation with in all leads and lifts and as per direction of Engineer-in-Charge.	21.57 m ³			Per Cubic Metre	
2	Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70-1.0 Kg/sqm using mechanical means as per Technical Specification Clause 502 Low porosity including entire carriage of materialsplants and equipments by all modes of transportation with in all leads and lifts and as per direction of Engineer-in-charge.	287.60 m ²			Per Square Metre.	

3	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing trick coat, 20mm thick premix carpet 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.	1554.90 m ²			Per Square Metre.
Total:-					

Note :-The Bitumen/Emulsion will be issued from PWD store at Kumarsain.


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

SCHEDULE OF QUANTITY

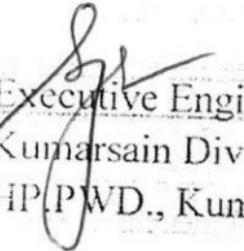
Estimated Cost:-Rs. 414094/-
 Earnest Money:-Rs.8300/-
 Time:- Two months.

Name of work:-A/R & M/O on Chamola Kangal Thathal Kotighat Matiana road Km.26/000 to 42/635 (SH:-Repair of pot holes between Km. 31/100 to 32/600).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amount.
			in fig.	in words		
1	2	3	4	5	6	7
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 including entire carriage of materialsplants and equipments by all modes of transportation with in all leads and lifts and as per direction of Engineer-in-Charge.	20.93 m3			Per Cubic Metre	
2	Providing and applying primer coat with bitumen emulsion (SS-I) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70-1.0 Kg/sqm using mechanical means as per Technical Specification Clause 502 Low porosity including entire carriage of materialsplants and equipments by all modes of transportation with in all leads and lifts and as per direction of Engineer-in-charge.	279.10 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 within all leads and lifts and as per direction of Engineer-in-charge.	1554.90 m ²				Per Square Metre.
Total:-						

Note :-The Bitumen/Emulsion will be issued from PWD store at Kumarsain.



Executive Engineer,
Kumarsain Division,
HPPWD., Kumarsain.

SCHEDULE OF QUANTITY

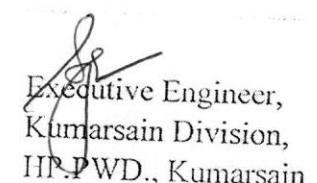
Estimated Cost:-Rs.291798/-

Earnest Money:-Rs.5900/-

Time:-One month.

Name of work:-A/R & M/R on link road to Hattu Temple Km.0/000 to 0/245 (SH:-1) providing and laying grading-III & Primer coat (SS-I).

S.N o.	Sub-Head/Items of work.	3128.95	Rate.		Unit.	Amount
			in fig.	in words		
1	2	3	4	5	6	7
1	WBM Grading 3:-Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 KN in stages to proper grade and camber, applying and brooming, stone screening to fill up the interstices of coarse aggregate, watering and compacting to the required density Grading-3 as per Technical specification clause 405 By manual means including entire carriage of materialsplants and equipments by all modes of transportation with in all leads and lifts and as per direction of Engineer-in-Charge.	71.42 m ³			Per Cubic Metre	
2	Providing and applying primer coat with bitumen emulsion (SS-I) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70-1.0 Kg/sqm using mechanical means as per Technical Specification Clause 502 Low porosity including entire carriage of materialsplants and equipments by all modes of transportation with in all leads and lifts and as per direction of Engineer-in-Charge.	952.31 m ²			Per Square Metre	
						Total:-


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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.354672/-

Cearnest money: Rs.7100/-

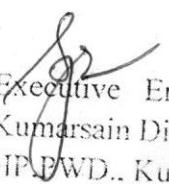
Time allowed:-One Month.

Name of work:-(i)A/R & M/O Oddi Khagal road Km. 0/000 to 21/405. (SH:-Providing and laying of hot applied Thermoplastic compound 2.5mm thick Km. 1/000 to 2/000 & 6/000 to 7/000).

(ii)A/R & M/O link road to Sarkali from Raila Nimla Km. 0/000 to 1/000 (SH:-Providing and laying of hot applied Thermoplastic compound 2.5mm thick in Km. 0/000 to 1/000).

M/O Oddi Jogsha via Ghumana road Km. 0/000 to 2/400 (SH:-Providing and laying of hot applied Thermoplastic compound 2.5mm thick in Km. 0/000 to 2/400.) (iii)A/R &

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amc
			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 including entire carriage of materials in all leads and lifts as per direction of Engineer-in-charge and accordance with applicable specifications.	540.00 m ²			Per square metre.	
	Total:-					


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

SCHEDULE OF QUANTITY

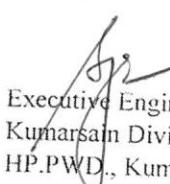
Name of work:-Restoration of rain damages on link road to village Kofla Km 0.000 to 1/300 (SH:-Construction of P.C.C. Retaining wall at RD.1/284 to 1/300).

Estimated cost:-Rs.483723/-

Earnest money:-Rs.9700/-

Time allowed:-One month.

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Am
			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.	34.40 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.	23.04 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.	94.56 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 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, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 Granular material including entire carriage of materials in all leads and lifts.	10.88 m3			Per cubic metre.	
	Total:-					


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

SCHEDULE OF QUANTITIES

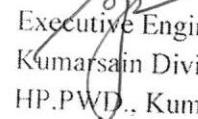
Estimated cost: Rs.30110/-

Earnest money:-Rs.1700/-

Time allowed:-One month.

Name of work:-Preparation of D.P.R for Metalling/Tarring of Ahar to Barhanighati road Km.0/000 to 3/355.(SH:-Preparation of DPR and CBR tests in Km.0/000 to 3/355)

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Ame
			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 autocad showing all layer of pavement components as applicable. C) Preparation of survey plan showing all provision and preparation of detailed project report as per MORD guidelines.	3.355 Km.			Per Kilometer.	
2	CBR test including grain size analysis, atterbergs limit, proctor compaction and CBR value.	3 Nos.			Per Kilometer.	
	Total:-					



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

SCHEDULE OF QUANTITY

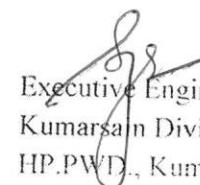
Estimated cost:-Rs.132800/-

Earnest money:-Rs.2700/-

Time allowed:-One month.

Name of work:-Preparation of D.P.R for Improvement, Metalling/Tarring of (1) link road to village Shamathla from Kanda PMGSY road Km.0/000 to 1/590.(2) Lohrigad to Kafferdhara on the Horticulture road Km.0/000 to 1/660 (3) Link road to village Naula Km.0/000 to 2/700 (SII:-Preparation of DPR and CBR tests).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Ame
			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 45 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 provision and preparation of detailed project report as per MORD guidelines.	5.750 Km.			Per Kilometer.	
2	CBR test including grain size analysis, atterbergs limit, proctor compaction and CBR value.	3 Nos.			Per Kilometer.	
	Total:-					



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

SCHEDULE OF QUANTITY

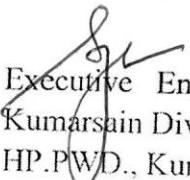
Estimated cost:-Rs.459760/-

Earnest money:-Rs.9200/-

Time allowed:-One Month.

Name of work:-A/R & M/O Narkanda Thanedhar Kotgarh Bithal road Km. 0/000 to 44/000. (SI:-Providing and laying of hot applied Thermoplastic compound 2.5mm thick in Km. 0/000 to 5/000).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amc
			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 including entire carriage of materials in all leads and lifts as per direction of Engineer-in-charge and accordance with applicable specifications.	700.00 m ²			Per square metre.	
	Total:-					


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

SCHEDULE A QUANTITY

Estimated cost:-Rs.446624/-

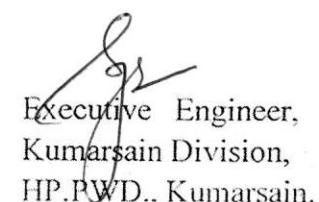
Earnest money:-Rs.9000/-

Time allowed:-One Month.

Name of work:-(i)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. 5/000 to 7/000, 40/000 to 42/000) (MDR).

(ii)A/R & M/O Oddi Khaneti Kotgarh road Km. 0/000 to 21/000. (SH:-Providing and laying of hot applied Thermoplastic compound 2.5mm thick in Km. 19/000 to 20/400).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Ame
			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 including entire carriage of materials in all leads and lifts as per direction of Engineer-in-charge and accordance with applicable specifications.	680.00 m ²			Per square metre.	
	Total:-					



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

SCHEDULE OF QUANTITY

Estimated cost:-Rs.409843/-

Earnest money:-Rs.8200/-

Time allowed:-One Month.

Name of work:-(i)A/R & M/O Tanujubber Banshera Shilajan Km. 0/000 to 2/000 (SH:-Providing and laying of hot applied Thermoplastic compound 2.5mm thick in Km.0/000 to 0/700.)

(ii)A/R & M/O approach road to Circuit House Narkanda Km. 0/000 to 0/270 (SH:-Providing and laying of hot applied Thermoplastic compound 2.5m thick in Km.0/000 to 0/270).

(iii)A/R & M/O link road to Hattu TempleKm.0/000 to 6/245(SH:-Providing and laying of hot applied Thermoplastic compound 2.5mm thick between Km. 0/000 to 6/245).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Amo
			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 including entire carriage of materials in all leads and lifts as per direction of Engineer-in-charge and accordance with applicable specifications.	624.00 m ²			Per square metre.	
	Total:-					

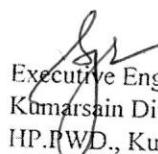

Executive Engineer,
Kumarsain Division,
HP.PWD., Kumarsain.

SCHEDULE OF QUANTITY

Estimated cost:-Rs.4,96,545/-
 Earnest money:-Rs.10000/-
 Time allowed:-One month.

Name of work:-Restoration of rain damages on link road to village Bahli Km.0/000 to 2/000 (SH:-Construction of P.C.C Retaining wall at RD.0/600 to 0/615).

S. No.	Sub-Head/Items of work.	Quantity.	Rate.		Unit.	Am
			In fig.	In words.		
1	Excavation in soil in hill area by manual means/mechanical means including cutting and trimming of side slope and disposing of excavated earth with in all leads and lifts as per drawing and technical specification clause 1603.10 as per direction of the Engineer-in-charge.	15.75 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.	6.00 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.	94.87 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, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 Granular material including entire carriage of materials in all leads and lifts.	13.50 m ³			Per cubic metre.	
		Total:-				


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