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No. PW/EE/NH/RMP-CB-Tender /2021-22-

10788-90

Dated:-

23-3-22

The Executive Engineer, (IT)
Nigam Vihar Shimla-2.

Subject: - Publication of Tender notice

Enclosed please find herewith NIT for uploading on department website as per Notification Pr. Secy. (PW) to the Govt. of HP letter No. PBW(B)A(3)1/2020 dated 19 June 2021 as the work mentioned in the NIT are urgent nature and in public interest.

DA:- Copy of NIT and schedule of quantity


Executive Engineer,
NH Division HPPWD,
Rampur Bushahr.

Copy forwarded to the Superintending Engineer NH Circle HPPWD Shimla for information, please.

Copy forwarded to the Computer Cell O/O Executive Engineer (IT) Cell), Nigam Vihar Shimla-2 for information and further necessary action, please.

Executive Engineer,
NH Division HPPWD,
Rampur Bushahr.

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT
NOTICE INVITING TENDER**

Sealed item rate tender(s) on PWD form No.6 & 8 are hereby invited/re-invited by the Executive Engineer, NH- Division, HP.PWD, Rampur Distt. Shimla (H.P) on behalf of the Governor of H.P for the following works from the registered contractors in HP.PWD in appropriate class to reach in this office on **04-04-2022** up to 10.30 A.M. and will be opened on the same day at 11.00A.M. in the presence of Contractors or their authorized representative who wish to be present at that time. The application for obtaining the tender form will be received on **02-04-2022** i.e. 11.00 AM to 1.00 PM and the tender form can be had from this office against this cash payment (Non-refundable) on the same day from 2.00P.M. to 5.00 P.M. No application shall be entertained without **earnest money and cost of tender form** or through FAX.

Earnest money shall be in shape of NSC/FDR duly pledged in favour of Executive Engineer NH-Division HP.PWD Rampur Bushahr Distt. Shimla H.P. Ambiguous /Telegraphically/conditional tenders or tender through FAX shall not be entertained/ considered in any case.

Sr. No.	Name of Work	Estimated Cost	Earnest Money	Time	Form No.	Cost of form
1	A/R & M/O on NH-05 Km 236/00 to 368/00 (SH:- Providing and laying Gr-III and 20mm thick premix carpet in pot holes of various reaches between Km 286/00 to 292/00).	498508/-	10000/-	Two months	6&8	350/-
2	A/R & M/O on NH-05 Km 236/00 to 368/00 (SH:- Providing and laying Gr-III and 20mm thick premix carpet in pot holes of various reaches between Km 292/00 to 300/00).	498264/-	10000/-	Two months	6&8	350/-
3	A/R & M/O on NH-305 Km Sainj- Luhri- Aut road Km 0/00 to 53/00 (SH:- Back filling behind R/wall at RD 44/800 to 44/880).	161256/-	3200/-	One month	6&8	350/-
4	A/R & M/O on NH-305 Km Sainj- Luhri- Aut road Km 0/00 to 53/00 (SH:- Construction of B/wall in PCC at RD 21/626 to 21/648).	487049/-	9700/-	Two months	6&8	350/-
5	A/R & M/O on NH-305 Km Sainj- Luhri- Aut road Km 0/00 to 53/00 (SH:- Construction of PCC B/wall at RD 22/955 to 22/974).	429933/-	8600/-	Two months	6&8	350/-
6	A/R & M/O on NH-305 Km Sainj- Luhri- Aut road Km 0/00 to 53/00 (SH:- Construction of R/wall in PCC at RD 17/920 to 17/940).	448885/-	9000/-	Two months	6&8	350/-
7	A/R & M/O on NH-305 Km Sainj- Luhri- Aut road Km 0/00 to 53/00 (SH:- Construction of R/wall in PCC at RD 16/980 to 16/990).	404014/-	8100/-	Two months	6&8	350/-
8	A/R & M/O on NH-05 Km 236/00 to 368/00 (SH:- Providing and laying 25mm thick mastic asphalt wearing course on Maglad bridge Km 294/570).	461609/-	9200/-	One month	6&8	350/-
9	A/R & M/O on NH-05 Km 236/00 to 368/00 (SH:- Providing and laying 25mm thick mastic asphalt wearing course on Unoo bridge Km 298/585).	463287/-	9300/-	One month	6&8	350/-
10	A/R & M/O on NH-05 Km 236/00 to 368/00 (SH:- Providing and laying 25mm thick mastic asphalt wearing course on Shimla Khad bridge Km 305/290).	473359/-	9500/-	One month	6&8	350/-
11	A/R & M/O on NH-05 Km 236/00 to 368/00 (SH:- Providing and laying G-III and 20 mm premix carpet in pot holes at various reaches Km 316/500 to 322/00).	194319/-	3900/-	Two months	6&8	350/-
12	A/R & M/O on NH-305 Km Sainj- Luhri- Aut road Km 0/00 to 53/00 (SH:- Construction of R/wall in PCC at RD 13/095 to 13/109.20).	494510/-	9900/-	Two months	6&8	350/-

SPECIAL CONDITIONS

1. The material shall be arranged by the contractor himself.
2. The detail of documents to be attached with the application is given below.
 - i Latest copy of renewal enlistment.
 - ii Copy of Pan Card.
 - iii Copy of GST No.
3. The offer of the tender shall be kept open for 90 days
4. Tender received after the specified time/date shall not be opened.
5. Executive Engineer NH-division HP.PWD Rampur Distt. Shimla H.P. reserves the right to reject any or all tender/s without assigning any reasons.
6. If due to any unforeseen reasons the office of the Executive Engineer NH-Division HP.PWD Rampur remain closed on the notified date of sale and receipt of tender, tender will be sold and received/opened the next working day of same specified time.

7. Tenderers may contact the Executive Engineer for any further information they may require during the working day/ office hours.
8. The contractor/ firms are requested to insert the rate of each in words as well as in figures failing which Executive Engineer reserves the right to reject any or all tenders.
9. The labourcess shall allow/ deduction @ 2% TDS amount of GST (1% CGST and 1% SGST).
10. The labour cess @ 1% will be deducted from the gross amount of the bill
11. A contractor enlisted in a particular class shall be eligible to tender for his own class and one step below as per Govt. notification No.PBW (B) 22-1/2002 dated 26-05-2015.
12. The Contractor will have to submit the proof of registration under Employees Provident Funds & Miscellaneous Provision Act.1952 before award of work.
13. Cement should be purchased from H.P. State Civil Supply Corporation
14. GST will be deducted from each bill as per latest instruction of the Government.

K.L.L.
Executive Engineer,
NH Division, H.P.PWD,
Rampur Bushahr

Dated:-

23³/₂₂

No.PW/EE/NH/RMP/CB-Tender Notice/2021-22-
Copy forwarded for information to the:-

1. Engineer-in-Chief, HP.PWD, Shimla
2. Chief Engineer (NH) HP.PWD, Shimla-1
3. Superintending Engineer, NH-Circle, HP.PWD, Shimla. It is requested to kindly issue the certificate the tender of above emergent nature in public interest.
4. All the Assistant Engineer working under this division
5. A/B & D/B in this office.
6. Notice board of this office.

K.L.L.
Executive Engineer,
NH Division, H.P.PWD,
Rampur Bushahr

Certificate

Certified that the tenders for the work invited vide this office NIT No. PW/EE/NH/RMP-CB-Tender/2021-22- 10777-87 dated 23-03-2022 is of urgent nature and in public interest.


Executive Engineer
NH Division HPPWD
Rampur Bushahr

Schedule of Quantity

Name of work- A/R & M/O NH-05 Km. 236/00 to 368/00 (SI:SH:-Providing and laying Gr-111 and 20mm thick premix carpet in pot holes of various reaches between km 206/0 to 292/0)

Estimated Cost: 498508.00
 Earnest Money: 10000.00
 Time :- Two Month

S.No.	Descriptions	Quantity	Rate		Unit	Amount
			In figure	In words.		
1	Providing laying spreading and compacting 150 mm (one hundred and fifty millimetre) thick crushed hard stone aggregate in two layers, each layer 75 mm seventy five millimetre) thick of grade-II of 53 to 22.4 mm (fifty three to twenty two point four) millimeter size to water bound macadam specification including spreading in uniform thickness hand packing rolling with vibratory power road roller of 8-10 tonne (eight to ten) tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening/ binding materials to fill up the interstices of course aggregate, watering and rolling, guarding barricading and maintenance of diversion etc. in all leads and lifts and carriage of materials by all means including mechanical transport conforming to specification No.404 (four hundred four) of MORTH road wing specification for road and bridge works (latest revision) and as per the direction of the Engineer-in-Charge.	33.52			Per cubic meter.	
2	Tack Coat-Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared dry and hungry bituminous surface cleaned with Hydraulic broom as per Technical Specification Clause 503 of MORTH road wing specification for road and bridge works (latest revision) and as per the direction of the Engineer-in-Charge.	2529.13			Per Square meter.	
3	Providing, laying and rolling of open-graded premix carpet of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates either using penetration grade bitumen or emulsion to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a three wheel 80-100 kN static roller capacity, finished to required level and grades to be followed by seal coat of either Type A or Type B or Type C by Mechanical Means (I) Bitumen (S-90) as per Technical Specification Clause 503 of MORTH road wing specification for road and bridge works (latest revision)	2529.13			Per Square meter.	
4	Providing and laying seal coat sealing the voids in a bitumens surface laid to the specified levels, grade and cross fall using type-1, type B and Type C as per Technical Specification Clause 510 (Type-B) of MORTH road wing specification for road and bridge works (latest revision) and as per the direction of the Engineer-in-Charge.	2529.13			Per Square meter.	
Total=						


 Executive Engineer,
 N.H. Division, HP, PWD,
 Rampurdsr.

Draft Schedule of Quantity

Name of work:- A/R & M/O NH-05 Km. 236/00 to 368/00 (SI:SI:-Providing and Laying Gr-111 and 20mm thick premix carpet in pot holes of various reaches between km 292/0 to 300/0)		Estimated Cost:-		4988264.00		
		Earnest Money/		100000.00		
		Time :-		Two Month		
S.No.	Descriptions	Quantity	Rate		Unit	Amount
			In figure	In words.		
1	Providing laying spreading and compacting 150 mm (one hundred and fifty millimetre) thick crushed hard stone aggregate in two layers, each layer 75 mm seventy five millimetre) thick of grade-III of 53 to 22.4 mm (fifty three to twenty two point four) millimeter size to water bound macadam specification including spreading in uniform thickness hand packing rolling with vibratory power road roller of 8-10 tonne (eight to ten) tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening/ binding materials to fill up the interstices of course aggregate, watering and rolling, guarding barricading and maintenance of diversion etc. in all leads and lifts and carriage of materials by all means including mechanical transport conforming to specification No.40/4 (four hundred four) of MORTH road wing specification for road and bridge works (latest revision) and as per the direction of the Engineer-in-Charge	39.40			Per cubic meter.	
2	Tack Coat-Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared dry and hungry bituminous surface cleaned with Hydraulic broom as per Technical Specification Clause 503, of MORTH road wing specification for road and bridge works (latest revision) and as per the direction of the Engineer-in-Charge.	2498.14			Per Square meter.	
3	Providing, laying and rolling of open-graded premix carpet of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates either using penetration grade bitumen or emulsion to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a three wheel 80-100 KN static roller capacity, finished to required level and grades to be followed by seal coat of either Type A or Type B or Type C by Mechanical Means (I) Bitumen (S-90) as per Technical Specification Clause 503, of MORTH road wing specification for road and bridge works (latest revision)	2498.14			Per Square meter.	
4	Providing and laying seal coat sealing the voids in a bitumens surface laid to the specified levels, grade and cross fall using type-1, type B and Type C as per Technical Specification Clause 510 (Type-B), of MORTH road wing specification for road and bridge works (latest revision) and as per the direction of the Engineer-in-Charge.	2498.14			Per Square meter.	
Total=						


 Executive Engineer,
 N.H. Division, HP, PWD,
 Rampur.

Schedule of Quantity

Name of work:- A/R & M/O NH-305 Sainj-Luhri-Aut road Km 0/00 to 53/00 (SH:- Back filling behind R/wall at RD 44/800 to 44/880).

Estimated Cost:- 161256.00
 Earned Money 3200.00

Time :- One month

S.No.	Descriptions	Quantity	Rate		Unit	Amount
			In figure	In words		
1	Filling available excavated earth (excluding track) entrenches, plinth, sides of foundations etc in layer not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50m and lift upto 1.50m all complete as per drawing and direction of Engineer-in-charge.	631.88 Cum			Per Cubic meter	
Total=						


 Executive Engineer,
 N.H. Division, HP P.W.D.,
 Rampur

Schedule of Quantity

Name of work:- A/R & M/O on NH-305 sainj Lubri Aut road Km 0/0 to 53/000. (SH:-
Construction of B/wall in P.C.C. at RD 21/626 to 21/648)

Estimated Cost:- 487049.00

Earnest Money 9700.00

Time :- Two Month

S.No.	Descriptions	Quantity	Rate		Unit	Amount
			In figure	In words.		
1	Cutting in earth work in all kinds of soils such as pick work, jumper work, soft and hard rock i.e. chiselling and wedging out of rock if required and saturated soils and their intermediate classifications in all heights and depths. Stacking the useful stone/materials and disposal of unserviceable materials upto the identified dumping site as per the direction of the Engineer-in-Charges including loading of truck for carrying the unserviceable materials. Any loss of public/private property during the course of execution shall be the sole responsibility of the contractor which shall have to be duly compensated by him at his own cost in all cases, the work shall be carried out as per clause 301 of section 300 of MORTH specifications to the entire satisfaction and direction of Engineer-in-Charge.	39.60 Cum			Per cubic meter.	
2	Earthwork in excavation for structures in all depths as per drawing and technical specifications as per Clause 304 of section 300 of MORTH specifications in all kinds of soils i.e. pick work, jumper work, blasting work in soft and hard rock and intermediate classifications of soil including chiselling and wedging out of rock with in all depths and heights, stacking the useful materials and disposal of unserviceable materials upto the identified dumping site as per the direction of the Engineer-in-Charges with in all leads and lifts. Any loss of public/private property during the course of execution shall be the sole responsibility of contractor which shall have to be duly compensated by him at his own cost	26.18 Cum			Per cubic meter.	

3	Providing and laying mechanically mixed and vibrated cement concrete M-15 containing minimum contents of cement is 5.50 bags per cum in all heights and depth as per drawing and technical specifications in foundation of retaining walls complete as per MORTH specification No.1500.1700 & 2100 including carriage of all materials within all leads and lifts with all modes of transportation and equipment and cost of formwork required to complete the work to the satisfaction of the Engineer-in-Charge.	75.24 Cum.	Per cubic meter.	
4	Providing and laying 100mm diameter (Hundred millimeter) P. V.C. pipe in weep holes in R/wall in requisite slopes for drainages as per the direction of the Engineer-in-charges including carriage of materials in all leads and lifts with mechanical means.	41.80 Rmt	Per Running meter	
Total Rs:-				

Note:-Contractor will himself arrange the following materials:-

- 1.Cement-To be purchased from H.P. State Civil Supplies Corporation.
- 2.Accounting system will be same as is being followed as per present practice.


 Executive Engineer,
 N.H.Division,HP.PWD,
 Rampur Bst.

Schedule of Quantity

Name of work:- A/R & M/O on NH-305 sainj Luhri Aut road Km 0/0 to 53/000. (SH:-
Construction of B/wall in P.C.C. at RD 22/955 to 22/974)

Estimated Cost:- 429933.00
Earnest Money 8600.00
Time :- Two Month

S.No.	Descriptions	Quantity	Rate		Unit	Amount
			In figure	In words.		
1	Cutting in earth work in all kinds of soils such as pick work, jumper work, soft and hard rock i.e. chiselling and wedging out of rock if required and saturated soils and their intermediate classifications in all heights and depths. Stacking the useful stone/materials and disposal of unserviceable materials upto the identified dumping site as per the direction of the Engineer-in-Charges including loading of truck for carrying the unserviceable materials. Any loss of public/private property during the course of execution shall be the sole responsibility of the contractor which shall have to be duly compensated by him at his own cost in all cases, the work shall be carried out as per clause 301 of section 300 of MORTH specifications to the entire satisfaction and direction of Engineer-in-Charge.	17.48 Cum			Per cubic meter.	
2	Earthwork in excavation for structures in all depths as per drawing and technical specifications as per Clause 304 of section 300 of MORTH specifications in all kinds of soils i.e. pick work, jumper work, blasting work in soft and hard rock and intermediate classifications of soil including chiselling and wedging out of rock with in all depths and heights stacking the useful materials and disposal of unserviceable materials upto the identified dumping site as per the direction of the Engineer-in-Charges with in all leads and lifts. Any loss of public/private property during the course of execution shall be the sole responsibility of contractor which shall have to be duly compensated by him at his own cost.	15.87 Cum			Per cubic meter.	

3	Providing and laying mechanically mixed and vibrated cement concrete M-15 containing minimum contents of cement is 5.50 bags per cum in all heights and depth as per drawing and technical specifications in foundation of retaining walls complete as per MORTH specification No.1500,1700 & 2100 including carriage of all materials within all leads and lifts with all modes of transportation and equipment and cost of formwork required to complete the work to the satisfaction of the Engineer-in-Charge.	67.26 Cum.	Per cubic meter.	
4	Providing and laying 100mm diameter (Hundred millimeter) P. V.C. pipe in weep holes in R/wall in requisite slopes for drainages as per the direction of the Engineer-in-charges including carriage of materials in all leads and lifts with mechanical means.	41.80 Rml	Per Running meter	
Total Rs:-				

Note:-Contractor will himself arrange the following materials:-

- 1.Cement:-To be purchased from H.P. State Civil Supplies Corporation.
- 2.Accounting system will be same as is being followed as per present practice.


 Executive Engineer,
 N.H. Division, HP, PWD,
 Rampur.

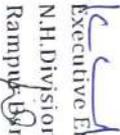
Schedule of Quantity

Name of work:- A/R & M/O on NH-305 saini Luhri Aut road Km 0/0 to 53/000. (SH:- Construction of R/wall in P.C.C. at RD 17/920 to 17/940)		Estimated Cost:- 448885.00		Earnest Money 9000.00		
		Time :- Two Month				
S.No.	Descriptions	Quantity	Rate		Unit	Amount
			In figure	In words.		
1	Cutting in earth work in all kinds of soils such as pick work, jumper work, soft and hard rock i.e. chiselling and wedging out of rock if required and saturated soils and their intermediate classifications in all heights and depths. Stacking the useful stone/materials and disposal of unserviceable materials upto the identified dumping site as per the direction of the Engineer-in-Charges including loading of truck for carrying the unserviceable materials. Any loss of public/private property during the course of execution shall be the sole responsibility of the contractor which shall have to be duly compensated by him at his own cost in all cases, the work shall be carried out as per clause 301 of section 300 of MORTH specifications to the entire satisfaction and direction of Engineer-in-Charge.	18.40 Cum			Per cubic meter.	
2	Earthwork in excavation for structures in all depths as per drawing and technical specifications as per Clause 304 of section 300 of MORTH specifications in all kinds of soils i.e. pick work, jumper work, blasting work in soft and hard rock and intermediate classifications of soil including chiselling and wedging out of rock with in all depths and heights, stacking the useful materials and disposal of unserviceable materials upto the identified dumping site as per the direction of the Engineer-in-Charges with in all leads and lifts. Any loss of public/private property during the course of execution shall be the sole responsibility of contractor which shall have to be duly compensated by him at his own cost.	16.70 Cum			Per cubic meter.	

3	Providing and laying mechanically mixed and vibrated cement concrete M-15 containing minimum contents of cement is 5.50 bags per cum in all heights and depth as per drawing and technical specifications in foundation of retaining walls complete as per MORTH specification No.1500,1700 & 2100 including carriage of all materials within all leads and lifts with all modes of transportation and equipment and cost of formwork required to complete the work to the satisfaction of the Engineer-in-Charge.	70.76 Cum.		Per cubic meter.	
4	Providing and laying 100mm diameter (Hundred millimeter) P. V.C. pipe in weep holes in R/wall in requisite slopes for drainages as per the direction of the Engineer-in-charges including carriage of materials in all leads and lifts with mechanical means.	40.00 Rmt.		Per Running meter	
Total Rs:-					

Note: Contractor will himself arrange the following materials:

1. Cement:- To be purchased from H.P. State Civil Supplies Corporation.
2. Accounting system will be same as is being followed as per present practice.


 Executive Engineer,
 N.H. Division, HP.P.W.D.,
 Rampur.

Schedule of Quantity

Name of work:- A/R & M/O on NH-305 saini Luhri Aur road Km 0/0 to 53/000. (SI:-Construction of R/wall in P.C.C at RD 16/980 to 16/990)

Estimated Cost:- 404014.00
Earnest Money 8100.00

Time :- Two Month

S.No.	Descriptions	Quantity	Rate		Unit	Amount
			In figure	In words.		
1	Cutting in earth work in all kinds of soils such as pick work, jumper work, soft and hard rock i.e. chiselling and wedging out of rock if required and saturated soils and their intermediate classifications in all heights and depths. Stacking the useful stone/materials and disposal of unserviceable materials upto the identified dumping site as per the direction of the Engineer-in-Charges including loading of truck for carrying the unserviceable materials. Any loss of public/private property during the course of execution shall be the sole responsibility of the contractor which shall have to be duly compensated by him at his own cost in all cases, the work shall be carried out as per clause 301 of section 300 of MORTH specifications to the entire satisfaction and direction of Engineer-in-Charge.	20.20 Cum			Per cubic meter.	
2	Earthwork in excavation for structures in all depths as per drawing and technical specifications as per Clause: 304 of section 300 of MORTH specifications. In all kinds of soils i.e. pick work, jumper work, blasting work in soft and hard rock and intermediate classifications of soil including chiselling and wedging out of rock with in all depths and heights, stacking the useful materials and disposal of unserviceable materials upto the identified dumping site as per the direction of the Engineer-in-Charges with in all leads and lifts. Any loss of public/private property during the course of execution shall be the sole responsibility of contractor which shall have to be duly compensated by him at his own cost.	9.80 Cum			Per cubic meter.	
3	Providing and laying mechanically mixed and vibrated cement concrete M-15 containing minimum contents of cement is 5.50 bags per cum in all heights and depth as per drawing and technical specifications in foundation of retaining walls complete as per MORTH specification No.1500,1700 & 2100 including carriage of all materials within all leads and lifts with all modes of transportation and equipment and cost of formwork required to complete the work to the satisfaction of the Engineer-in-Charge.	60.80 Cum.			Per cubic meter.	
4	Providing and laying 100mm diameter (hundred millimeter) P. V.C. pipe in weep holes in R/wall in requisite slopes for drainages as per the direction of the Engineer-in-charges including carriage of materials in all leads and lifts with mechanical means.	24.00 Rmt.			Per Running meter	

5	Providing and laying back filling behind Retaining walls satisfying the requirement as per drawing and technical specifications in all heights and depths compacted to a firm condition complete including carriage of materials by mechanical transport in all leads and lifts and as per direction of the Engineer-in-Charge.	11.40 Cum.			Per cubic meter.	
Total Rs:-						

Note:-Contractor will himself arrange the following materials:-

- 1.Cement:-To be purchased from H.P. State Civil Supplies Corporation.
- 2.Accounting system will be same as is being followed as per present practice.


 Executive Engineer,
 N.H. Division, HP, PWD,
 Rampy, H.P.

Name of work:- A/R & M/O NH-05 Km. 236/00 to 368/00 (SI:-Providing and laying 25mm thick mastic asphalt
 wearing course on Maglad bridge Km/RD 294/570) Schedule of Quantity

S.No.	Descriptions	Quantity	Rate		Unit	Amount
			In figure	In words		
1	Scarifying the existing bituminous road surface to depth of 150mm and disposal of scarified material with a lift upto 3 m and lead upto 1000 m as per technical Specification Clause 301.4 including carriage of material with in all leads and lifts as per the direction of the Engineer-in-Charge.(Schedule of rate)	412.50 Sqm			Per Square meter	
2	Providing and applying Priming coat with bitumen emulsion using emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 1.2-1.50 Kg/sqm using mechanical means as per technical specification clause 502 including carriage of material with in all leads and lifts as per the direction of the Engineer-in-Charge.(Schedule of rate)	412.50 Sqm			Per Square meter	
3	Providing and laying 25mm thick mastic asphalt wearing course with paving grade bitumen meeting the requirements given in table 500-29, prepared by using mastic cooker and laid to required level and slope after cleaning and surface, including providing antiskid surface with bitumen precoated finegrained hard stone chipping of 13.2 mm nominal size at the rate of 0.005 cum per 10 sqm and at an approximate spacing of 10 cm center to center in both directions, pressed into surface when the temperature of surface is not less than 1000 c. protruding 1mm to 4mm ove mastic surface , all complete as per clause 515 including carriage of material in all leads and lifts by all means including mechanical transport as per direction of the Engineer-in-Charge. (Analysis rate)	412.50 Sqm			Per Square meter	
Total=						

Estimated Cost:- 461609.00
 Earnest Money 9200.00
 Time :- One month


 Executive Engineer,
 N.H.Division, HP.PWD,
 Rampur P.S.

Schedule of Quantity
Name of work:- A/R & M/O NH-05 Km. 236/00 to 368/00 (SH:-Providing and laying 25mm thick mastic asphalt wearing course on Unoo bridge Km/RD 298/585)

S.No.	Descriptions	Quantity	Rate		Unit	Amount
			In figure	In words.		
1	Scarifying the existing bituminous road surface to depth of 150mm and disposal of scarified material with a lift upto 3 m and lead upto 1000 m as per technical Specification Clause 301.4 including carriage of material with in all leads and lifts as per the direction of the Engineer-in-Charge (Schedule of rate)	414.00 Sqm			Per Square meter	
2	Providing and applying Priming coat with bitumen emulsion using emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 1.2-1.50 Kg/sqm using mechanical means as per technical specification clause 502 including carriage of material with in all leads and lifts as per the direction of the Engineer-in-Charge (Schedule of rate)	414.00 Sqm			Per Square meter	
3	Providing and laying 25mm thick mastic asphalt wearing course with paving grade bitumen meeting the requirements given in table 500-29, prepared by using mastic cooker and laid to required level and slope after cleaning and surface, including providing antiskid surface with bitumen precasted finegrained hard stone chipping of 13.2 mm nominal size at the rate of 0.005 cum per 10 sqm and at an approximate spacing of 10 cm center to center in both directions, pressed into surface when the temperature of surface is not less than 1000 c, protruding 1mm to 4mm over mastic surface, all complete as per clause 515 including carriage of material in all leads and lifts by all means including mechanical-transport as per direction of the Engineer-in-Charge. (Analysis rate)	414.00 Sqm			Per Square meter	
Total=						

Estimated Cost:- 463287.00
 Earnest Money 9300.00

Time :- One month


 Executive Engineer,
 N.H.Division, HP.P.W.D.,
 Rampurh Str.

Schedule of Quantity

Name of work:- A/R & M/O NH-05 Km. 236/00 to 368/00 (SH-P) Providing and Laying 25mm thick mastic asphalt wearing course on Shimla Khad bridge Km/RD 305/290)

Estimated Cost:- 473359.00
Earnest Money 9500.00

Time :- One month

S.No.	Descriptions	Quantity	Rate		Unit	Amount
			In figure	In words.		
1	Scarifying the existing bituminous road surface to depth of 150mm and disposal of scarified material with a lift upto 3 m and lead upto 1000 m as per technical Specification Clause 301.4 including carriage of material with in all leads and lifts as per the direction of the Engineer-in-Charge. (Schedule of rate)	423.00 Sqm			Per Square meter	
2	Providing and applying Priming coat with bitumen emulsion using emission (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 1.2-1.50 (kg/sqm using mechanical means as per technical specification clause 502 including carriage of material with in all leads and lifts as per the direction of the Engineer-in-Charge. (Schedule of rate)	423.00 Sqm			Per Square meter	
3	Providing and laying 25mm thick mastic asphalt wearing course with paving grade bitumen meeting the requirements given in table 500-29, prepared by using mastic cooker and laid to required level and slope after cleaning and surface, including providing antisidkild surface with bitumen precasted finegrained hard stone chipping of 13.2 mm nominal size at the rate of 0.005 cum per 10 sqm and at an approximate spacing of 10 cm center to center in both directions, pressed into surface when the temperature of surface is not less than 1000 c, protruding 1mm to 4mm ove mastic surface, all complete as per clause 515 including carriage of material in all leads and lifts by all means including mechanical transport as per direction of the Engineer-in-Charge. (Analysis rate)	423.00 Sqm			Per Square meter	
Total=						


Executive Engineer,
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Rampur,SR.

Schedule of Quantity

Name of work:- A/R & M/O NH-05 Km. 236/00 to 368/00 (SH-Providing and laying G-111 and 20mm premix carpet in pot holes at various reaches Km 316/500 to 322/00)

Estimated Cost:- 194319.00
Earnest Money 3900.00

Time :- Two month

S.No.	Descriptions	Quantity	Rate		Unit	Amount
			In figure	In words.		
1	Providing laying spreading and compacting 100 mm(hundred millimetre) thick crushed hard stone aggregate of grade-I11 of S3 to 22.4(fifty three to twenty two point fourty) millimeter size to water bound macadam specification including spreading in uniform thickness hand packing rolling with vibratory power road roller of 8-10 tonne(eight to ten) tonne capacity in stages to proper grade and camber,applying and brooming requisite type of screening/binding materials to fill up the interstices of course aggregate, watering and rolling, guarding barricading and maintenance of diversion etc. in all leads and lifts and carriage of materials by all means including mechanical transport conforming to specification No.404 (four hundred four) of MORTH road wing specification for road and bridge works(latest revision) and as per the direction of the Engineer-in-Charge.	68.75	Cum		Per Cubic meter	
2	Providing and applying tack coat of bitumen emulsion (Medium grade) using emulsion pressure distributor at the rate of 2.00 kgs per 10 Sqm (Two kilogram per ten square metre) on the prepared bituminous/granular surface cleared with mechanical brooms conforming to Specification No.503 of MORTH (Latest revision) including carriage of material with in all leads and lifts as per the direction of the Engineer-in-Charge.	915.81	Sqm		Per Square meter	
3	Providing and laying open graded premix surfacing of 20 mm(Twenty millimetre) thickness in prepared surface in single course as wearing course composed of specified size of crushed stone aggregate premixed with a bituminous binder at the rate of 14.6 kgs per 10 Sqm.(forteen point six kilogram per ten square metre) of bitumen VG-10 grade in computerised hot mix plant 60-90 (sixty to ninety) tonne capacity laying with paver finisher and rolling with power road roller 8-10 tonne (Eight to ten) capacity but excluding the cost of primer/track coat conforming to specifications No.511 (Five hundred eleven) of MORTH road wing specifications for road and bridge works (Latest revision) including carriage of material in all leads and lifts by all means including mechanical-transport as per direction of the Engineer-in-Charge.	915.81	Sqm		Per Square meter	
Total =						


 Executive Engineer,
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 Rampur

SCHEDULE OF QUANTITY

Name of work:- A/R & M/O on NH-305 Sainj Luhri Aut road Km 0/00 to 53/00 (SH:- Construction of R/wall in PCC at RD 13/095 to 13/109.20)				Estimated cost:- 494510.00 Earnest money:- 9900.00		
Sr, No.	Sub head/item of work	Quantity	Rate In Figure	Rate In words.	Unit	Amount
1	Earthwork in excavation for structures in all depths as per drawing and technical specifications as per Clause 304 of section 300 of MORTH specifications in all kinds of soils i.e.pick work,jumper work,blasting work in soft and hard rock and intermediate classifications of soil including chiselling and wedging out of rock with in all depths and heights,stacking the useful materials and disposal of unserviceable materials upto the identified dumping site as per the direction of the Engineer-in-Charges with in all leads and lifts. Any loss of public/private property during the course of execution shall be the sole responsibility of contractor which shall have to be duly compensated by him at his own cost.	36.64			Per cubic meter.	
2	Providing and laying mechanically mixed and vibrated cement concrete M-15 containing minimum contents of cement is 5.50 bags per cum in all heights and depth as per drawing and technical specifications in foundation of retaining walls complete as per MORTH specifications No.1500,1700 & 2100 including carriage of all materials within all leads and lifts with all modes of transportation and equipment and cost of formwork required to complete the work to the satisfaction of the Engineer-in-Charge.	72.70			Per cubic meter.	
3	Providing and laying 100mm diameter (Hundred millimeter) P. V.C. pipe in weep holes in R/wall in requisite slopes for drainages as per the direction of the Engineer-in-charges including carriage of materials in all leads and lifts with mechanical means.	21.24			Per Running meter	

4	Providing and laying back filling behind Retaining walls satisfying the requirement as per drawing and technical specifications in all heights and depths compacted to a firm condition complete including carriage of materials by mechanical transport in all leads and lifts and as per direction of the Engineer-in-Charge.	13.82				Per cubic meter.	
						Total:-	

Note:-Contractor will himself arrange the following materials:-

- 1.Cement:- To be purchased from H.P. State Civil Supplies Corporation.
- 2.Accounting system will be same as is being followed as per present practice.


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