

No. PW/EE/NH/RMP-CB-Tender /2023-24-To Telephone No: 01782-233214 E-mail: eenh-ram-hp@nic.in

9096

Dated: 25/11/2023

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

Subject: -

Publication of tender notice

Enclosed, please find herewith copy of tender notice in respect of tenders invited vide this office NIT No. PW/EE/NH/RMP/CB-Tender Notice/ 2023-24-9085-95 dated \$\$\sigma_{\sigma}/\sigma_{\sigma}\$\$ for uploading the same on department website for wide publicity.

DA:- Copy of NIT

Executive Engineer, NH Division HPPWD, Rampur Bushah

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

Sealed item rate tender(s) on PWD form No.6 &8 are hereby 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/consultants in HP.PWD in appropriate class to reach in this office on 02.12.2023 up to 10.30 A.M. and will be opened on the same day at 11.00A.M. in the presence of Contractors/ consultants or their authorized representative who wish to be present at that time. The application for obtaining the tender form will be received on 01.12.2023 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 or through FAX.

Earnest money shall be in shape of NSC/FDR duly pledged in favour of NH-Division Executive Engineer 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. | Name of Work | Estimated | Earnest | Time | Form | Cost of |
|---------|--|-----------|---------|---------------|------|---------|
| No. | 1/2 6 1/4 | Cost | Money | | No. | form |
| 1 | A/R & M/O on NH-305 Sainj-Luhri-Aut road Km 0/00 to 97/00 (SH:- Patch work with 30 mm BC including 50mm DBM in pot holes between Km 65/093 to 65/316.50) | 496072/- | 10000/- | Two months | 6&8 | 350/- |
| 2 | A/R & M/O on NH-305 Sainj-Luhri-Aut road Km 0/00 to 97/00 (SH:- Patch work with 30 mm BC including 50 mm DBM in pot holes between Km 65/407 to 65/625) | 496335/- | 10000/- | Two months | 6&8 | 350/- |
| 3. | A/R & M/O on NH-305 Sainj-Luhri-Aut road Km 0/00 to 97/00 (SH:- Patch work with 30 mm BC including 50 mm DBM in pot holes between Km 64/865 to 65/079) | 497527/- | 10000/- | Two months | 6&8 | 350/- |
| 4. | A/R & M/O on NH-305 Sainj-Luhri-Aut road Km 0/00 to 97/00 (SH:- Patch work with 30 mm BC including 50 mm DBM in pot holes between Km 64/360 to 64/524) | 494332/- | 10000/- | Two months | 6&8 | 350/- |
| 5. | A/R & M/O on NH-305 Sainj-Luhri-Aut road Km 0/00 to 97/00 (SH:- Patch work with 30 mm BC including 50 mm DBM in pot holes between Km 63/720 to 63/1062) | 494262/- | 10000/- | Two | 6&8 | 350/- |
| 6. | A/R & M/O on NH-305 Sainj-Luhri-Aut road Km 0/00 to 97/00 (SH:- Patch work with 30 mm BC including 50 mm DBM in pot holes between Km 63/520 to 63/720) | 497478/- | 10000/- | Two months | 6&8 | 350/- |
| 7. | A/R & M/O on NH-305 Sainj-Luhri-Aut road Km 0/00 to 97/00 (SH:- Patch work with 30 mm BC including 50 mm DBM in pot holes between Km 63/310 to 63/520) | 489779/- | 10000/- | Two months | 688 | 350/- |
| 8. | A/R & M/O on NH-305 Sainj-Luhri-Aut road Km 0/00 to 97/00 (SH:- Patch work with 30 mm BC including 50 mm DBM in pot holes between Km 63/120 to 63/310) | 498308/- | 10000/- | Two months | 6&8 | 350/- |
| 9, | A/R & M/O on NH-305 Sainj-Luhri-Aut road Km 0/00 to 97/00 (SH:- P/L GSB and G-II at various RD between Km 23/00 to 37/00) | 466361/- | 9400/- | Two months | 688 | 350/- |
| 10. | A/R & M/O on NH-305 Sainj-Luhri-Aut road Km 0/00 to 97/00 (SH:- P/L GSB and G-II at various RD between Km 23/00 to 37/00) | 455369/- | 9200/- | Two months | 848 | 350/- |
| 11, | A/R & M/O on NH-305 Sainj-Luhri-Aut road Km 0/00 to 97/00 (SH:- P/L G-III at various RD between Km 23/00 to 37/00) | 428029/- | 8600/- | Two months | 846 | 350/- |
| 12 | A/R & M/O on NH-305 Sainj Luhri Aut Road KM 0/000 to 53/000 (SH:- Providing and laying 50mm thick DBM in Km 23/00 to 25/00). | 494674/- | 10000/- | Two months | 6&8 | 350/- |
| 13 | A/R & M/O on NH-305 Sainj Luhri Aut Road KM 0/000 to 53/000 (S.H.:-P/L 50 mm thick DBM at various Rd between Km 25/00 to 31/00) | 493051/- | 10000/- | Two months | 688 | 350/- |
| 14 | A/R & M/O on NH-305 Sainj Luhri Aut Road KM 0/000 to 53/000 (S.H.:-P/L 50 mm thick DBM at various Rd between Km 31/00 to 37/00) | 497420/- | 10000/- | Two months | 6&8 | 350/- |
| JE LUIA | L CONDITIONS | | | | | |

^{1.} The material shall be arranged by the contractor/ consultants himself.

^{2.} The detail of documents to be attached with the application is given below.

i Latest copy of renewal enlistment/empanelment.

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/ consultants 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. All the works are of urgent nature hence the contractor already having two works are not eligible to participate for the tendering.
- 12. 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.
- 13. The Contractor/consultants will have to submit the proof of registration under Employees Provident Funds & Miscellaneous Provision Act.1952 before award of work.

14. Cement should be purchased from H.P. State Civil Supply Corporation

15. GST will be deducted from each bill as per latest instruction of the Government.

Executive Engineer, NH Division, H.P.PWD, Rampur Bushahr. Dated:- 25/11/2623

No.PW/EE/NH/RMP/CB-Tender Notice/2023-24-Copy forwarded for information to the:-

9085-95

1. Engineer-in-Chief, HP.PWD, Shimla

2. Chief Engineer (NH) HP.PWD, Shimla-1

- 3. Superintending Engineer, NH-Circle, HP.PWD, Shimla
- 4. All the Assistant Engineer working under this division

5. A/B & D/B in this office.

6. Notice board of this office.

Certificate

Certified that the tenders of the works invited vide this office NIT No. PW/EE/NH/RMP/CB-tender/ 2023-24-9085-95 dated 25/n/23 is of urgent nature in exigency of public interest.

Executive Engineer NH Division HPPWD, Rampur Bushaly

| | 4. | - co | ю | <u> </u> | No. | | inclu | Name |
|-------------|---|---|---|---|-------------------|-------------------|--|---|
| TOTAL IVS:- | Providing and laying 30mm(Thirty millimeter) thick Bitumen VG-40 bituminous concrete with batch type 100-120 TPH(Hundred to one hundred twenty tonne per hour) capacity hot mix plant producing an avarage output of 75(Seventy five) tonne per hour using crushed stone aggregates of specified grading premix with bitumen binder at the rate of minimum 5.5%(five point five percent) of weight of mix and filler @ 2%(Twp percent cement of weight of aggregates) as per appoved job mix formula, transporting the hot mix material to work site in clean insulated vehicle covered while in transit or awaiting tipping and laying with a hydrostic paver finisher with sencer controll to the required grade, level, and alignment, rolling with smooth wheeled vibratory and tendom roller to achieve the desired compacting as per MORTH specification clause 509 complete including profile correction layer and patching of pot holes including mobilization of plants and equipment by mechanical trasport, including haulage of materials with in all leads and lifts with all modes of tranportion and as per direction and entire satisfaction of Engineer -in-charge nothing extra shall be paid for higher bitumen contents if required as per job mix formula, including all incidental charges. Any loss of public/private property during the course of execution shall be the sole responsibility of contractor which shall have to be duly compansated by him at his own cost. | Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 kg per sum on the prepared bituminous surface cleaned with mechanical broom, including carriage of all labour, equipments and materials to various locations through all modes of transportation in all leads and lifts, including all incidental charges. | Providing and laying 50 mm thick dense graded bituminous macadam with 60-90 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bitumen binder(VG-40) @ 4.0 to 4.5 percent by weight of total mix and filler transporting the hot mix material to work site in clean insulated vehicles covered while in transit or awaiting, tipping & laying with a hydrostatic paver finisher with sensor control to the required grade, level & alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification. Clause 507 complete in all respects. , including all incidental charges. Any loss of public/private property during the course of execution shall be the sole responsibility of contractor which shall have to be duly compansated by him at his own cost. | Providing and applying Prime coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.70 kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom, including all incidental charges. Any loss of public/private property during the course of execution shall be the sole responsibility of contractor which shall have to be duly compansated by him at his own cost. | Descriptions | | including 50 mm DBM in pot holes between Km. 65/093 to 65/65/316.50) | Name of work:- A/R & M/O on NH-305 Sainj Luhri Aut Road RM 0/000 to 97/00(SH:- Patchwork with 30mm BC |
| | 14.328 | 477.60 | 23.88 | 477.60 | Qty. | | | ВС |
| | | | | | In figure | | | |
| | | | | | Rate In words. | Time:- | Earnest Money:- 10000.00 | Estimated Cost:- 496072.00 |
| | Per cubic meter. | Per Sqm | Per cubic meter. | Per Sqm | Unit | Time:- Two months | 10000.00 | 496072.00 |
| | | | | | Amount | * | | |

including 50 mm DBM in pot holes between Km. 65/407 to 65/625) Name of work:- A/R & M/O on NH-305 Sainj Luhri Aut Road KM 0/000 to 97/00(SH:- Patchwork with 30mm BC ķ 2 0.70 kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom. including all course of execution shall be the sole responsibility of contractor which shall have to be duly compansated by 507 complete in all respects.., including all incidental charges. Any loss of public/private property during the with bitumen binder(VG-40) @ 4.0 to 4.5 percent by weight of total mix and filler transporting the hot mix producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed Providing and laying 50 mm thick dense graded bituminous macadam with 60-90 TPH batch type HMP responsibility of contractor which shall have to be duly compansated by him at his own cost. incidental charges. Any loss of public/private property during the course of execution shall be the sole Providing and applying Prime coat with bitumen emulsion using emulsion pressure distributor at the rate of of 0.25 kg per sum on the prepared bituminous surface cleaned with mechanical broom, including carriage him at his own cost. wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification. Clause hydrostatic paver finisher with sensor control to the required grade, level & alignment, rolling with smooth material to work site in clean insulated vehicles covered while in transit or awaiting, tipping & laying with a Providing and laying 30mm(Thirty millimeter) thick Bitumen VG-40 bituminous concrete with batch type 100 of all labour, equipments and materials to various locations through all modes of transportation in all leads Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate duly compansated by him at his own cost property during the course of execution shall be the sole responsibility of contractor which shall have to be contents if required as per job mix formula., including all incidental charges. Any loss of public/private as per direction and entire satisfaction of Engineer -in- charge nothing extra shall be paid for higher bitumen mechnical trasport, including haulage of materials with in all leads and lifts with all modes of tranportion and including profile correction layer and patching of pot holes including mobilization of plants and equipment by and tendom roller to achieve the desired compacting as per MORTH specification clause 509 complete finisher with sencer controll to the required grade, level, and alignment, rolling with smooth wheeled vibratory site in clean insulated vehicle covered while in transit or awaiting tipping and laying with a hydrostic paver cement of weight of aggregates) as per appoved joh mix formula, transporting the hot mix material to work bunder at the rate of minimum 5.5%(five point five percent) of weight of mix and filler @ 2%(Twp percent of 75(Seventy five) tonne per hour using crushed stone aggregates oßpecified grading premix with bitumen and lifts, including all incidental charges., 120 TPH(Hundred to one hundred twenty tonne per hour) capacity hot mix plant producing an avarage output Descriptions Total Rs:-14.262 475.40 23.98 479.6 Qty. In figure Earnest Money:- 10000.00 Estimated Cost: 496335.00 In words. Time:- Two months Per cubic Per cubic Per Sqm Per Sqm meter. meter. Unit Amount

Kampur Bsr. N.H.Division,HP.PWD, Executive Engineer,

Schedule of Quantity

Jhri Aut Road KM 0/000 to 97/00(SH:- Patchwork with

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|------------|---|--|---|---|-------------------|-------------------|--|---|
| Total Rs:- | Providing and laying 30mm(Thirty millimeter) thick Bitumen VG-40 bituminous concrete with batch type 100-120 TPH(Hundred to one hundred twenty tonne per hour) capacity hot mix plant producing an avarage output of 75(Seventy five) tonne per hour using crushed stone aggregates of Specified grading premix with bitumen binder at the rate of minimum 5.5%(five point five percent) of weight of mix and filler @ 2%(Twp percent cement of weight of aggregates) as per appoved job mix formula, transporting the hot mix material to work site in clean insulated vehicle covered while in transit or awaiting tipping and laying with a hydrostic paver finisher with sencer controll to the required grade, level, and alignment, rolling with smooth wheeled vibratory and tendom roller to achieve the desired compacting as per MORTH specification clause 509 complete including profile correction layer and patching of pot holes including mobilization of plants and equipment by mechnical trasport, including haulage of materials with in all leads and lifts with all modes of tranportion and as per direction and entire satisfaction of Engineer -in-charge nothing extra shall be paid for higher bitumen contents if required as per job mix formula., including all incidental charges. Any loss of public/private property during the course of execution shall be the sole responsibility of contractor which shall have to be duly compansated by him at his own cost. | Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 kg per sum on the prepared bituminous surface cleaned with mechanical broom, including carriage of all labour, equipments and materials to various locations through all modes of transportation in all leads and lifts, including all incidental charges., | Providing and laying 50 mm thick dense graded bituminous macadam with 60-90 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bitumen binder(VG-40) @ 4.0 to 4.5 percent by weight of total mix and filler transporting the hot mix material to work site in clean insulated vehicles covered while in transit or awaiting, tipping & laying with a hydrostatic paver finisher with sensor control to the required grade, level & alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification. Clause 507 complete in all respects, including all incidental charges. Any loss of public/private property during the course of execution shall be the sole responsibility of contractor which shall have to be duly compansated by him at his own cost. | Providing and applying Prime coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.70 kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom. including all incidental charges. Any loss of public/private property during the course of execution shall be the sole responsibility of contractor which shall have to be duly compansated by him at his own cost. | Descriptions | | including 50 mm DBM in pot holes between Km. 64/866 to 65/0/3) | Traine of work: Ann & indo on introduce and person and the forest and work with 30mm BC |
| | 14.370 | 479.00 | 23.95 | 479 | Qty. | | | 30 |
| | | | | | In figure | | | |
| | , | | | | Kate In words. | | Earnest Money:- 10000.00 | Estimated Cost: 497527.00 |
| | Per cubic meter. | Per Sqm | Per cubic meter. | Per Sqm | Unit | Time:- Two months | 10000.00 | - 497527.00 |
| | | | | | Amount | S | | |

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|------------|--|---|---|---|-------------------|-------------------|--|---|
| _ | 4 P | 2 O O P | 2 5 2 3 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 | 1 0 7 1 7 | No. | | cludi | o ame |
| Total Rs:- | Providing and laying 30mm (Thirty millimeter) thick Bitumen VG-40 bituminous concrete with batch type 100-120. TPH(Hundred to one hundred twenty tonne per hour) capacity hot mix plant producing an avarage output of 75(Seventy five) tonne per hour using crushed stone aggregates of Specified grading premix with bitumen binder at the rate of minimum 5.5% (five point five percent) of weight of mix and filler @ 2% (Twp percent cement of weight of aggregates) as per approved job mix formula, transporting the hot mix material to work site in clean insulated vehicle covered while in transit or awaiting tipping and laying with a hydrostic paver finisher with sencer controll to the required grade, level, and alignment, rolling with smooth wheeled vibratory and tendom roller to achieve the desired compacting as per MORTH specification clause 509 complete including profile correction layer and patching of pot holes including mobilization of plants and equipment by mechnical trasport, including haulage of materials with in all leads and lifts with all modes of tranportion and as per direction and entire satisfaction of Engineer -in-charge nothing extra shall be paid for higher bitumen contents if required as per job mix formula , including all incidental charges. Any loss of public/private property during the course of execution shall be the sole responsibility of contractor which shall have to be duly compansated by him at his own cost. | ying tack coat with bitumen emulsion using emulsion pressure distributor at the rate in the prepared bituminous surface cleaned with mechanical broom, including carriage nents and materials to various locations through all modes of transportation in all leads all incidental charges. | Providing and laying 50 mm thick dense graded bituminous macadam with 60-90 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bitumen binder(VG-40) @ 4.0 to 4.5 percent by weight of total mix and filler transporting the hot mix material to work site in clean insulated vehicles covered while in transit or awaiting, tipping & laying with a hydrostatic paver finisher with sensor control to the required grade, level & alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification. Clause 507 complete in all respects, including all incidental charges. Any loss of public/private property during the course of execution shall be the sole responsibility of contractor which shall have to be duly compansated by him at his own cost. | Providing and applying Prime coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.70 kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom. including all incidental charges. Any loss of public/private property during the course of execution shall be the sole responsibility of contractor which shall have to be duly compansated by him at his own cost. | Descriptions | | including 50 mm DBM in pot holes between Km. 64/360 to 64/524) | Name of work:- A/R & M/O on NH-305 Sainj Luhri Aut Road KM 0/000 to 97/00(SH:- Patchwork with 30mm BC |
| | 14.106 | 470.20 | 24.00 | 480 | Qty. | | | , , |
| | | | | | In figure | | | _ |
| | | | | | Rate In words. | Time:- | Earnest Money: 9900 00 | Retirnated Cost |
| | Per cubic meter. | Per Sqm | Per cubic meter. | Per Sqm | Unit | Time:- Two months | 9900 00 | 00 000000 |
| | | | | | Amount | | | |

including $50~\mathrm{mm}$ DBM in pot holes between Km. 63/720 to 63/1062) Name of work:- A/R & M/O on NH-305 Sainj Luhri Aut Road KM 0/000 to 97/00(SH:- Patchwork with 30mm BC No. 9 12 0.70 kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom. including all Providing and applying Prime coat with bitumen emulsion using emulsion pressure distributor at the rate of of all labour, equipments and materials to various locations through all modes of transportation in all leads with bitumen binder(VG-40) @ 4.0 to 4.5 percent by weight of total mix and filler transporting the hot mix producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed incidental charges. Any loss of public/private property during the course of execution shall be the sole of 0.25 kg per sum on the prepared bituminous surface cleaned with mechanical broom. including carriage wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification. Clause hydrostatic paver finisher with sensor control to the required grade, level & alignment, rolling with smooth material to work site in clean insulated vehicles covered while in transit or awaiting, tipping & laying with a Providing and laying 50 mm thick dense graded bituminous macadam with 60-90 TPH batch type HMF responsibility of contractor which shall have to be duly compansated by him at his own cost Providing and laying 30mm(Thirty millimeter) thick Bitumen VG-40 bituminous concrete with batch type 100 and lifts, including all incidental charges. Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate course of execution shall be the sole responsibility of contractor which shall have to be duly compansated by 507 complete in all respects..., including all incidental charges. Any loss of public/private property during the duly compansated by him at his own cost property during the course of execution shall be the sole responsibility of contractor which shall have to be contents if required as per job mix formula ., including all incidental charges. Any loss of public/private as per direction and entire satisfaction of Engineer -in- charge nothing extra shall be paid for higher bitumen mechnical trasport, including haulage of materials with in all leads and lifts with all modes of tranportion and including profile correction layer and patching of pot holes including mobilization of plants and equipment by and tendom roller to achieve the desired compacting as per MORTH specification clause 509 complete finisher with sencer controll to the required grade, level, and alignment, rolling with smooth wheeled vibratory site in clean insulated vehicle covered while in transit or awaiting tipping and laying with a hydrostic pavei cement of weight of aggregates) as per appoved job mix formula, transporting the hot mix material to work binder at the rate of minimum 5.5%(five point five percent) of weight of mix and filler @ 2%(Twp percent of 75(Seventy five) tonne per hour using crushed stone aggregates of Specified grading premix with bitumer him at his own cost 120 TPH(Hundred to one hundred twenty tonne per hour) capacity hot mix plant producing an avarage outpu Descriptions Total Rs:-14.118 470.60 23.98 479.6Qty. In figure Estimated Cost: 494262.00 Earnest Money:- 9900.00 In words. Time:- Two months Per cubic Per cubic meter. Per Sqm meter. Per Sqm Unit Amount

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

| | | duly compansated by nim at his own cost. | |
|----------------------------|----------------|---|--|
| Per cubic meter. | 14.367 | neter) thick Bitumen VG-40 bituminous concrete with batch type 100-y tonne per hour) capacity hot mix plant producing an avarage output crushed stone aggregates of specified grading premix with bitumen e point five percent) of weight of mix and filler @ 2%(Twp percent appoved job mix formula, transporting the hot mix material to work hile in transit or awaiting tipping and laying with a hydrostic paver red grade, level, and alignment, rolling with smooth wheeled vibratory red compacting as per MORTH specification clause 509 complete sching of pot holes including mobilization of plants and equipment by materials with in all leads and lifts with all modes of tranportion and f Engineer -in-charge nothing extra shall be paid for higher bitumen mula , including all incidental charges. Any loss of public/private shall be the sole responsibility of contractor which shall have to be | 4 |
| Per Sqm | 478.90 | Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 kg per sum on the prepared bituminous surface cleaned with mechanical broom. including carriage of all labour, equipments and materials to various locations through all modes of transportation in all leads and lifts, including all incidental charges., | 3 O P |
| Per cubic meter. | 23.95 | Providing and laying 50 mm thick dense graded bituminous macadam with 60-90 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bitumen binder(VG-40) @ 4.0 to 4.5 percent by weight of total mix and filler transporting the hot mix material to work site in clean insulated vehicles covered while in transit or awaiting, tipping & laying with a hydrostatic paver finisher with sensor control to the required grade, level & alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification Clause 507 complete in all respects, including all incidental charges. Any loss of public/private property during the course of execution shall be the sole responsibility of contractor which shall have to be duly compansated by him at his own cost. | 20 10 10 10 10 10 10 10 10 10 10 10 10 10 |
| Per Sqm | 478.90 | Providing and applying Prime coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.70 kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom. including all incidental charges. Any loss of public/private property during the course of execution shall be the sole responsibility of contractor which shall have to be duly compansated by him at his own cost. | l i O. |
| Rate Unit | Qty. In figure | | Z _o . |
| Time:- Two months | | | |
| Earnest Money:- 10000.00 | | including 50 mm DBM in pot holes between Km. 63/520 to 63/720) | includi |
| Estimated Cost:- 497478.00 | | Name of work: A/R & M/O on NH-305 Saini Luhri Aut Road KM 0/000 to 97/00(SH:- Patchwork with 30mm BC | Name o |

| | . 4 | ယ | 10 | н | No. | E | Nam |
|------------|---|--|---|---|-------------------|---|---------------------------------------|
| Total Rs:- | Providing and laying 30mm(Thirty millimeter) thick Bitumen VG-40 bituminous concrete with batch type 100-120 TPH(Hundred to one hundred twenty tonne per hour) capacity hot mix plant producing an avarage output of 75(Seventy five) tonne per hour using crushed stone aggregates of Specified grading premix with bitumen binder at the rate of minimum 5.5%(five point five percent) of weight of mix and filler @ 2%(Twp percent cement of weight of aggregates) as per appoved job mix formula, transporting the hot mix material to work site in clean insulated vehicle covered while in transit or awaiting tipping and laying with a hydrostic paver finisher with sencer controll to the required grade, level, and alignment, rolling with smooth wheeled vibratory and tendom roller to achieve the desired compacting as per MORTH specification clause 509 complete including profile correction layer and patching of pot holes including mobilization of plants and equipment by mechnical trasport, including haulage of materials with in all leads and lifts with all modes of tranportion and as per direction and entire satisfaction of Engineer -in- charge nothing extra shall be paid for higher bitumen contents if required as per job mix formula including all incidental charges. Any loss of public/private property during the course of execution shall be the sole responsibility of contractor which shall have to be abluly commans atted by him at his own cost | Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 kg per sum on the prepared bituminous surface cleaned with mechanical broom. including carriage of all labour, equipments and materials to various locations through all modes of transportation in all leads and lifts, including all incidental charges., | Providing and laying 50 mm thick dense graded bituminous macadam with 60-90 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bitumen binder(VG-40) @ 4.0 to 4.5 percent by weight of total mix and filler transporting the hot mix material to work site in clean insulated vehicles covered while in transit or awaiting, tipping & laying with a hydrostatic paver finisher with sensor control to the required grade, level & alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification Clause 507 complete in all respects including all incidental charges. Any loss of public/private property during the course of execution shall be the sole responsibility of contractor which shall have to be duly compansated by him at his own cost. | Providing and applying Prime coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.70 kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom. including all incidental charges. Any loss of public/private property during the course of execution shall be the sole responsibility of contractor which shall have to be duly compansated by him at his own cost. | Descriptions | min DBM in pot holes between Am. 69/310 to 00/02/07 | 000 to 97/00(SH:- Patchwork with 30mm |
| | 13.815 | 460.50 | 23.97 | 479.4 | Qty. | | BC |
| | | | | | In figure | | |
| | | | | | Rate In words. | Time:- | Estimated Cost:- 489779.00 |
| | Per cubic meter. | Per Sqm | Per cubic meter. | Per Sqm | Unit | Time:- Two months | 489779.00 |
| | | | | | Amount | un en | |

| Name of tworks. ARR & MOO no NH3-076 Shift Labri Ant Road KM 00000 to 97/006SH: Patchwork with 30mm BC Estimated Coxel. 288303.00 | | | | | Total Rs:- | |
|---|--------|--------------------------------------|---|--------|---|--------------|
| Estimated Cost: 498308.00 Estimated Cost: 498308.00 Earnest Money: 10000.00 Time: Two months Qty. Rate Unit Rate Unit In figure d aggregates of specified grading, premixed tal mix and filler transporting the hot mix transit or awaiting, tipping & laying with adel, level & alignment, rolling with smooth paction as per MoRTH specification Clause ny loss of public/private property during the which shall have to be duly compansated by ulsion pressure distributor at the rate rith mechanical broom. including carriage thal modes of transportation in all leads Per Sqm Per Sqm | | er cubic | | 14.391 | Providing and laying 30mm(Thirty millimeter) thick Bitumen VG-40 bituminous concrete with batch type 100-120 TPH(Hundred to one hundred twenty tonne per hour) capacity hot mix plant producing an avarage output of 75(Seventy five) tonne per hour using crushed stone aggregates of pecified grading premix with bitumen binder at the rate of minimum 5.5%(five point five percent) of weight of mix and filler @ 2%(Twp percent cement of weight of aggregates) as per appoved job mix formula, transporting the hot mix material to work site in clean insulated vehicle covered while in transit or awaiting tipping and laying with a hydrostic paver finisher with sencer controll to the required grade, level, and alignment, rolling with smooth wheeled vibratory and tendom roller to achieve the desired compacting as per MORTH specification clause 509 complete including profile correction layer and patching of pot holes including mobilization of plants and equipment by mechnical trasport, including haulage of materials with in all leads and lifts with all modes of tranportion and as per direction and entire satisfaction of Engineer -in- charge nothing extra shall be paid for higher bitumen contents if required as per job mix formula , including all incidental charges. Any loss of public/private property during the course of execution shall be the sole responsibility of contractor which shall have to be duly compansated by him at his own cost. | 44 |
| Estimated Cost. 498308.00 Earnest Money: 10000.00 Time: Two months Rate Unit In figure In words. Per Sqm acadam with 60-90 TPH batch type HMP acadam with 60-90 TPH batch type HMP transit or awaiting, tipping & laying with ade, level & alignment, rolling with smooth paction as per MoRTH specification Clause rny loss of public/private property during the which shall have to be duly compansated by | | Per Sqm | | 479.70 | Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 kg per sum on the prepared bituminous surface cleaned with mechanical broom including carriage of all labour, equipments and materials to various locations through all modes of transportation in all leads and lifts, including all incidental charges. | . co |
| Estimated Cost. 498308.00 Earnest Money: 10000.00 Time: Two months and with mechanical broom. including all course of execution shall be the sole ad by him at his own cost. Estimated Cost. 498308.00 Earnest Money: 10000.00 Time: Two months Rate Unit A79.7 | | Per cubic meter. | | 23.99 | Providing and laying 50 mm thick dense graded bituminous macadam with 60-90 TPH batch type HMF producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bitumen binder(VG-40) @ 4.0 to 4.5 percent by weight of total mix and filler transporting the hot mix material to work site in clean insulated vehicles covered while in transit or awaiting, tipping & laying with a hydrostatic paver finisher with sensor control to the required grade, level & alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification. Clause 507 complete in all respects. , including all incidental charges. Any loss of public/private property during the course of execution shall be the sole responsibility of contractor which shall have to be duly compansated by him at his own cost. | ю |
| 2000 to 97/00(SH:- Patchwork with 30mm BC Estimated Cost:- 498308.00 Earnest Money:- 10000.00 Time:- Two months Rate Unit Unit | | Per Sqm | | 479.7 | Providing and applying Prime coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.70 kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom. including all incidental charges. Any loss of public/private property during the course of execution shall be the sole responsibility of contractor which shall have to be duly compansated by him at his own cost. | - |
| 900 to 97/00(SH:- Patchwork with 30mm BC Estimated Earnest M | Amount | Unit | word | Qty. | Descriptions | No. |
| | | 498308.00 10000.00 I'wo months | Estimated Cost:- Earnest Money:- Time:- | ВС | Name of work:- A/R & M/O on NH-305 Sainj Lubri Aut Road KM 0/000 to 97/00(SH:- Patchwork with 30mm BC including 50 mm DBM in pot holes between Km. 63/120 to 63/310) | Nam inclu |

| Name | Name of Work:R/R damages on NH-305 Sainj Luhri Aut Road KM 0/000 to 53/000 (S.H.:-P/L GSB and G various Rd between Km 23/00 to 37/000) | nd G-II a | nd G-II at | nd G-II at | -II at Estimated | -II at |
|------|---|-----------|------------|------------|---------------------|---------------|
| Š | Descriptions | D T | | Rate | i di li | * |
| No. | Descriptions | Quy. | In figure | In words. | ď | 11 |
| | Construction of granular sub-base by providing close graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with | | | | t | • · |
| - | | 81.00 | | | Per cubic meter. | ubic er. |
| 22 | Providing, laying, spreading and compacting stone aggregates of specific sizes(Grade-II) to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel/vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of | | | | | |
| | he | 45.90 | | | Per cubic meter. | ubic er. |
| | | | | | | |
| | Total Rs:- | | | | | |
| | | | | | | |

| | 22 | June 1 200 0 | No. | ņ | | Pariou | Name |
|------------|---|--|-----------|--------------|-------------------|--|---|
| Total Rs:- | Providing, laying, spreading and compacting stone aggregates of specific sizes(Grade-II) to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel/vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding Materials to fill up the interstices of coarse aggregate, watering and compacting to the required density shall have to be duly compansated by him at his own cost. | Construction of granular sub-base by providing close graded material, spreading in unitorm layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density, complete as per clause 401. | | Descriptions | | various Rd between Km 23/00 to 37/000) | Name of Work: - R/R damages on NH-305 Sainj Luhri Aut Koad Kin 0/000 to 55/000 (S.H.:-P/L GSB and G-II at |
| | 57.60 | 64.80 | ąιy. | 0 | | | ť |
| | | | In figure | | | | |
| | | | In words. | Rate | Time: | Eurnest Money: 9200.00 | Estimated Cost:- 455369.00 |
| | Per cubic meter. | Per cubic meter. | Unit | | Time:- Two months | 9200.00 | 455369.00 |
| | | | Amount | | | | |

| | , | Zo. | Ś | _ | betw | Name |
|------------|--|-----------|--------------|-------------------|-----------------------------|---|
| Total Rs:- | Providing, laying, spreading and compacting stone aggregates of specific sizes(Grade-III) to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel/vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/ binding Materials to fill up the interstices of coarse aggregate, watering and compacting to the required density. | | Descriptions | | between Km 23/00 to 37/000) | Name of Work:R/R damages on NH-306 Sainj Luhri Aut Road KM 0/000 to 53/000 (S.H.:-P/L G-III at various Rd |
| | 103.50 | 2007 | D T | | | s Rd |
| | | In figure | | | | |
| | | In words. | Rate | Time:- | Earnest Money:- 8600.00 | Estimated Cost: 428029.00 |
| | Per cubic meter. | Onit | 11-:4 | Time:- Two months | 8600.00 | 428029.00 |
| | | Amount | • | | | |

| Providing and laying 50 producing an average of bitumen binder (VG-30) to work site in clean ins paver finisher with sens vibratory and tandem roomplete in all respects. | (Tack coat): the rate of 0 | Providing a 0.70 kg per | No. | 2 | thick DBM in Km 23/00 to 25/00). | Name of work:- / |
|---|---|---|--------------|-------------------|----------------------------------|--|
| Providing and laying 50 mm thick dense graded bituminous macadam with 60-90 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bitumen binder(VG-30) @ 4.0 to 4.5 percent by weight of total mix and filler transporting the hot mix material to work site in clean insulated vehicles covered while in transit or awaiting, tipping & laying with a hydrostatic paver finisher with sensor control to the required grade, level & alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification. Clause 507 complete in all respects. | (Tack coat):-Providing and applying tack coat with RS-1(S 90) emulsion using emulsion pressure distributor at the rate of 0.25 Kg/Sqm on the prepared bituminous/granular surface cleared with mechanical brooms. | Providing and applying Priming coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.70 kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom. | Descriptions | | 23/00 to 25/00). | Name of work:- A/R & M/O on NH-305 Sainj Luhri Aut Road KM 0/000 to 53/000 (S.H.:- Providing and laying 50mm |
| 29.75 | 382 | 382 | Qty. | | _ | m m |
| | | | In figure | | | |
| | | | In words. | | Earnest Money: 10000.00 | Estimated Cost: 494674.00 |
| Per Sqm | Per Sqm | Per Sqm | Unit | Time:- Two months | 10000.00 | 494674.00 |
| | | | Amount | 15 | | |

| | Prov prod hitu to w pave pave omp | (Tac | 0.70 | No. | ίν | | various R | Name of w |
|---|---|---|---|--------------|--------------|-------------------|---------------------------------------|---|
| | Providing and laying 50 mm thick dense graded bituminous macadam with 60-90 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with litumen binder(VG-30) @ 4.0 to 4.5 percent by weight of total mix and filler transporting the hot mix material to work site in clean insulated vehicles covered while in transit or awaiting, tipping & laying with a hydrostatic paver finisher with sensor control to the required grade, level & alignment, rolling with smooth wheeled, wibratory and tandem rollers to achieve the desired compaction as per MoRTH specification. Clause 507 complete in all respects. | (Tack coat):-Providing and applying tack coat with RS-1(S 90) emulsion using emulsion pressure distributor at the rate of 0.25 Kg/Sqm on the prepared bituminous/granular surface cleared with mechanical brooms. | Providing and applying Priming coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.70 kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom. | pescriptions | Donatistions | | various Rd between Km 25/00 to 31/00) | Name of work- A/R & M/O on NH-305 Sainj Luhri Aut Road KM 0/000 to 53/000 (S.H.:-P/L 50 mm thick DBM at |
| | 39.10 | 382 | 382 | Ary. | 2 | | | |
| | | | | In figure | | | | |
| | | | | In words. | Rate | Time:- | Earnest Money: 10000.00 | Estimated Cost:- 493051.00 |
| | Per Sqm | Per Sqm | Per Sqm | Onic | I I m i t | Time:- Two months | 10000.00 | 493051.00 |
| _ | | | | Amount | • | | | |

| | 3 | 12 | - | No. | Name |
|------------|---|---|--|-------------------|--|
| Total Rs:- | Providing and laying 50 mm thick dense graded bituminous macadam with 60-90 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bitumen binder(VG-30) @ 4.0 to 4.5 percent by weight of total mix and filler transporting the hot mix material to work site in clean insulated vehicles covered while in transit or awaiting, tipping & laying with a hydrostatic paver finisher with sensor control to the required grade, level & alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification. Clause 507 complete in all respects. | (Tack coat):-Providing and applying tack coat with RS-1(S 90) emulsion using emulsion pressure distributor at the rate of 0.25 Kg/Sqm on the prepared bituminous/granular surface cleared with mechanical brooms. | Providing and applying Priming coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.70 kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom. | Descriptions | Name of work:- A/R & M/O on NH-305 Sainj Luhri Aut Road KM 0/000 to 53/000 (S.H.:-P/L 50 mm thick DBM at various Rd between Km 31/00 to 37/00) |
| | 37.40 | 382 | 382 | Qty. | at |
| | | | | In figure | |
| | • | | | Rate In words. | Estimated Cost: 497420.00 Earnest Money:- 10000.00 Time: Two month |
| | Per Sqm | Per Sqm | Per Sqm | Unit | Cost:- 497420.00 coney:- 10000.00 Time:- Two months |
| | | | | Amount | |