

H. P. P.W.D. TENDER

Sealed item rate tenders on the form 6&8 are invited by the Executive Engineer Dehra Division HPPWD., Dehra on behalf of the Governor of HP for the following works from the approved and eligible contractors (C&D Class) enlisted in HPPWD.

TENDER SCHEULE:

1. Date and time of receipt of application for tender form: 04.05.2022 upto 4.00 PM
2. Date and time of issue of tender form: 05.05.2022 upto 5.00 PM
3. Date and time of receipt of tenders: 06.05.2022 upto 11.00 AM
4. Date and time of opening of tenders: 06.05.2022 at 11.30 AM

The tender forms will be issued against cash payment (non refundable). The earnest money in the shape of NSC/FDR/Deposit at call of any of Post Office/Bank in H.P duly pledged in the name of the Executive Engineer, Dehra Division HPPWD Dehra must accompany with each tender.

Job No.	Name of work	Estimated cost	Earnest money	Time limit	Cost of form
1	Restoration of damages due to laying Pipe Line by Jal Shakti Vibhag on PWD Rest House to JHD road at Dehra Km. 0/0 to 1/825 (SH:- Repair of road with 30mm thick BC in Km. 0/105 to 0/420).	Rs. 3,33,270/-	Rs.7000/-	One month	Rs.350/-
2	Restoration of damages due to laying Pipe Line by Jal Shakti Vibhag on Dehra Jawali Raja Ka Talab Road at Dehra Km. 0/0 to 39/180 (SH:- Repair of road with 30mm thick BC in Km.11/375 to 11/717.50)	Rs.3,72,700/-	Rs.8000/-	One month	Rs.350/-
3	Restoration of damages due to laying Pipe Line by Jal Shakti Vibhag on Dehra Jawali Raja Ka Talab Road at Dehra Km. 0/0 to 29/180 (SH:- Repair of road with 30mm thick BC in Km.11/717.50 to 12060	Rs.3,72,700/-	Rs.8000/-	One month	Rs.350/-
4	A/R & M/O on Gopipur Chamukha Road in Km. 0/0 to 6/00 (SH:-Providing and Laying 30mm thick BC in damaged portion in Km.2/400 to 3/300)	Rs.4,72,275/-	Rs.10000/-	One month	Rs.350/-
5	A/R & M/O on Gopipur Chamukha Road in Km. 0/0 to 6/00 (SH:-Providing and Laying 30mm thick BC in damaged portion in Km.3/300 to 4/200).	Rs.4,72,275/-	Rs.10000/-	One month	Rs.350/-
6	A/R & M/O on Gopipur Chamukha Road in Km. 0/0 to 6/00 (SH:-Providing and Laying 30mm thick BC in damaged portion in Km 4/200 to 5/100).	Rs.4,72,275/-	Rs.10000/-	One month	Rs.350/-
7	A/R & M/O on Gopipur Chamukha Road in Km. 0/0 to 6/00 (SH:-Providing and Laying 30mm thick BC in damaged portion in Km.5/100 to 6/00')	Rs.4,72,275/-	Rs.10000/-	One month	Rs.350/-
1.	The contractors/firms should possess the following documents(Photocopy to be attached with the application): (i) Copy of Registration/Latest renewal of enlistment. (ii) PAN (Permanent Account No.) (iii) Registration under GST No. (iv) EPF(Employee Provident Fund Account No.) (v) The proof ownership/hire/lease, buying of required machinery for microsurfacing wokrs.				
2	Ambiguous/telegraphic/conditional tenders or tender by Fax/E-mail shall not be entertained /considered in any case.				
3	The Executive Engineer reserves the right to reject/cancel any or all the tenders without assigning any reason(s).				
4	The offer of the tender shall remain valid upto 30 days after the opening.				

1.Certified that the above work is of an emergent nature in exigency of public interest .

Executive Engineer
HPPWD Division Dehra
Dist. Kangra H.P

on behalf of Governor of Himachal Pradesh

Endst.No.PWD/DEH/CB/Tender/2021-22:-

1036-41

Dated :- 25/4/22

Copy forwarded to the following:-

1. The F.C. Cum Principal Secretary(PW) to the Govt. of Himachal Pradesh Shimla-2
2. The Engineer-in-Chief, HPPWD., Shimla.
3. The Chief Engineer(KZ) HP.PWD. Dharamshala.
4. The Superintending Engineer, 9th Circle HP.PWD. Nurpur.
5. Notice Board.
6. ✓ The Computer Cell office of the Engineer-in-Chief, HPPWD., Shimla for uploading the NIT on the Departmental website.
7. All eligible Contractors

Executive Engineer,
Dehra Division HP.PWD.,
Dehra.

BILL OF QUANTITY

Estimate Cost :- Rs. 333270.00

Earnest Money :- Rs. 7000.00

Time Limit :- One Month.

Name of work:-Restoration of damages due to laying Pipe Line by by Jal Shakti Vibhag on PWD Rest House to JHD road at Dehra Km. 0/0 to 1/825 .(SH):- Repair of road with 30mm thick BC in Km. 0/105 to 0/420).

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culvers, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORD Technical Specification clause 305.1 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	50.40 Cubic metre			Per Cubic metre	-
2	Providing, laying, spreading and compacting by manual/mechanically meansstone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, crushable screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405 and as per entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	37.80 Cubic metre			Per Cubic metre	-
3	Providing and laying surface dressing as wearing course consisting of a layer of bituminous binder @ 1 kg per square metre laid on the prepared surface, followed by a cover of crushed stone aggregates of specified size and rolling with three wheel 80-100 kN static roller including cleaning the road surface as per Technical Specification Clause 507 nominal chipping size 13mm @ 0.01 cubic metre per square metre by machanical means with Bitumen VG-10 as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	567.00 Cubic metre			Per Cubic metre	-

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
4	Providing and applying tack coat with bitumen emulsion RS-I, including cleaning the road surface with hydraulic brooms and spraying with emulsion pressure distributor at the rate 0.275 kg (zero point two seven five kilogram) per square meter on the prepared granular surface treated with primer complete as per MORD Technical specification clause 503, and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, GST, sale tax or any other taxes imposed by the Government.	567.00 Square Metre			Per Square metre	
5	Providing and laying 30mm (Thirty millimetre) compacted thick bituminous concrete with min 40-60 TPH (forty- sixty tonne per hour) hot mix batch type/drum type plant with electronic control Grading-II using crushed aggregate 13mm (Thirteen millimetre) nominal size of specified grading premixed with bituminous binder VG-30 (Viscosity Grade-Thirty) @ 5% (five percent) of mix weight transported to site, laid with sensor paver finisher hydraulic with sensor control to the required grade, level and alignment over a previously prepared surface and rolling complete with smooth wheeled roller 8-10 (Eight-Ten) tonne capacity for initial break down rolling and vibratory roller 8-10 (Eight-Ten) tonne capacity or pneumatic type roller of 12-15 (Twelve-fifteen Tonne) with tyre pressure of atleast 0.56mpa (Zero point five six) for intermediate rolling and finish rolling with 6-8 (six-eight) tonne smooth wheeled tandem roller to achieve the desired compaction as per MORTH technical specification clause No. 509 including hauling of material in all leads, lifts as per entire satisfaction and direction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidental. The rates including Royalty, Malkhana, Octroi, toll tax, GST, sale tax or any other taxes imposed by the Government.	17.01 Cubic Metre				
	Total					


 Executive Engineer,
 Dehra Division,
 HPPWD Dehra

BILL OF QUANTITY

Estimate Cost :- Rs.372700.00
 Earnest Money :- Rs. 8000.00
 Time Limit :- One Month.

Name of work:-Restoration of damages due to laying Pipe Line by by Jal Shakti Vibhag on Dehra Jawali Raja Ka Talab Road at Dehra Km. 0/0 to 39/180 (SH:- Repair of road with 30mm thck BC in Km.11/375 to 11/17.50).

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culvers, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORD Technical Specification clause 305.1 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	56.43 Cubic metre			Per Cubic metre	
2	Providing, laying, spreading and compacting by manual/mechanically means stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, crushable screening to fill-up the interspaces of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405 and as per entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	42.39 Cubic metre			Per Cubic metre	
3	Providing and laying surface dressing as wearing course consisting of a layer of bituminous binder @ 1 kg per square metre laid on the prepared surface, followed by a cover of crushed stone aggregates of specified size and rolling with three wheel 80-100 kN static roller including cleaning the road surface as per Technical Specification Clause 507 nominal chipping size 13mm @ 0.01 cubic metre per square metre by machanical means with Bitumen VG-10 as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	633.63 Cubic metre			Per Cubic metre	

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
4	Providing and applying tack coat with bitumen emulsion RS-I, including cleaning the road surface with hydraulic brooms and spraying with emulsion pressure distributor at the rate 0.275 kg (zero point two seven five kilogram) per square meter on the prepared granular surface treated with primer complete as per MORD Technical specification clause 503, and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, GST, sale tax or any other taxes imposed by the Government.	633.63 Square Metre			Per Square Metre	
5	Providing and laying 30mm (Thirty millimetre) compacted thick bituminous concrete with min 40-60 TPH (forty- sixty tonne per hour) hot mix batch type/drum type plant with electronic control Grading-II using crushed aggregate 13mm (Thirteen millimetre) nominal size of specified grading premixed with bituminous binder VG-30 (Viscosity Grade-Thirty) @ 5% (five percent) of mix weight transported to site, laid with sensor paver finisher hydraulic with sensor control to the required grade, level and alignment over a previously prepared surface and rolling complete with smooth wheeled roller 8-10 (Eight-Ten) tonne capacity for initial break down rolling and vibratory roller 8-10 (Eight-Ten) tonne capacity or pneumatic type roller of 12-15 (Twelve-fifteen Tonne) with tyre pressure of atleast 0.56mpa (Zero point five six) for intermediate rolling and finish rolling with 6-8 (six-eight) tonne smooth wheeled tandem roller to achieve the desired compaction as per MORTH technical specification clause No. 509 including hauling of material in all leads, lifts as per entire satisfaction and direction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidental. The rates including Royalty, Malkhana, Octroi, toll tax, GST, sale tax or any other taxes imposed by the Government.	19.01 Cubic Metre			Per Cubic metre	
	Total					


 Executive Engineer,
 Dehra Division,
 HPPWD Dehra

BILL OF QUANTITY

Estimate Cost :- Rs.372700.00
 Earnest Money :- Rs. 8000.00
 Time Limit :- One Month.

Name of work:-Restoration of damages due to laying Pipe Line by by Jal Shakti Vibhag on Dehra Jawali Raja Ka Talab Road at Dehra Km. 0/0 to 39/180 (SH:- Repair of road with 30mm thick BC in Km. 11/1717.50 to 12/060).

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culvers, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORD Technical Specification clause 305.1 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	56.43 Cubic metre			Per Cubic metre	
2	Providing, laying, spreading and compacting by manual/mechanically means stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, crushable screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405 and as per entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	42.39 Cubic metre			Per Cubic metre	
3	Providing and laying surface dressing as wearing course consisting of a layer of bituminous binder @ 1 kg per square metre laid on the prepared surface, followed by a cover of crushed stone aggregates of specified size and rolling with three wheel 80-100 kN static roller including cleaning the road surface as per Technical Specification Clause 507 nominal chipping size 13mm @ 0.01 cubic metre per square metre by machanical means with Bitumen VG-10 as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	633.63 Cubic metre			Per Cubic metre	

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
4	Providing and applying tack coat with bitumen emulsion RS-I, including cleaning the road surface with hydraulic brooms and spraying with emulsion pressure distributor at the rate 0.275 kg (zero point two seven five kilogram) per square meter on the prepared granular surface treated with primer complete as per MORD Technical specification clause 503, and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, GST, sale tax or any other taxes imposed by the Government.	633.63 Square Metre			Per Square Metre	
5	Providing and laying 30mm (Thirty millimetre) compacted thick bituminous concrete with min 40-60 TPH (forty- sixty tonne per hour) hot mix batch type/drum type plant with electronic control Grading-II using crushed aggregate 13mm (Thirteen millimetre) nominal size of specified grading premixed with bituminous binder VG-30 (Viscosity Grade-Thirty) @ 5% (five percent) of mix weight transported to site, laid with sensor paver finisher hydraulic with sensor control to the required grade, level and alignment over a previously prepared surface and rolling complete with smooth wheeled roller 8-10 (Eight-Ten) tonne capacity for initial break down rolling and vibratory roller 8-10 (Eight-Ten) tonne capacity or pneumatic type roller of 12-15 (Twelve-fifteen Tonne) with tyre pressure of atleast 0.56mpa (Zero point five six) for intermediate rolling and finish rolling with 6-8 (six-eight) tonne smooth wheeled tandem roller to achieve the desired compaction as per MORTH technical specification clause No. 509 including hauling of material all leads, lifts as per entire satisfaction and direction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidental. The rates including Royalty, Malkhana, Octroi, toll tax, GST, sale tax or any other taxes imposed by the Government.	19.01 Cubic Metre			Per Cubic metre	
Total						


 Executive Engineer,
 Dehra Division,
 HPPWD Dehra.

BILL OF QUANTITY

Estimate Cost :- Rs. 472275.00

Earnest Money :- Rs.5000.00

Time Limit :- One Month.

Name of work:-A/R & M/O on Gopipur Chamukha Road in Km. 0/0 to 6/00 (SH:-Providing and Laying 30mm thick BC in damaged portion in Km.2/400 to 3/300)

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Providing laying, spreading by mechanically means and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (Pug Mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-base/base course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100kN weight to achieve the desired density including lighting, barricading and maintenance of diversion, etc as per Tables 400.11 & 400.12 and Technical Specification Clause 406. and as per entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	15.40			Per Cubic metre	-
2	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.30 kg (zero point two five to zero point three zero kilogramme) per sqm on the prepared dry and hungry bituminous surface cleaned with Hydraulic broom as per technical Specification Clause 503 and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, toll tax, GST,sale tax or any other taxes imposed by the Government.	1555.78			Per Square metre	-
3	Providing and laying 30mm (Thirty millimetre) compacted thick bituminous concrete with min 40-60 TPH (forty- sixty tonne per hour) hot mix batch type/drum type plant with electronic control Grading-II using crushed aggregate 13mm (Thirteen millimetre) nominal size of specified grading premixed with bituminous binder VG-30 (Viscosity Grade- Thirty) @ 5% (five percent) of mix weight transported to site, laid with sensor paver finisher hydraulic with sensor control to the required grade, level and alignment over a previously prepared surface and rolling complete with smooth wheeled roller 8-10 (Eight-Ten) tonne capacity for initial break down rolling and vibratory roller 8-10 (Eight-Ten) tonne capacity or pneumatic type roller of 12-15 (Twelve-fifteen Tonne) with tyre pressure of atleast 0.56mpa (Zero point five six) for intermediate rolling and finish rolling with 6-8 (six-eight) tonne smooth wheeled tandem roller to achieve the desired compaction as per MORTH technical specification clause No. 509 including hauling of material in all leads, lifts as per entire satisfaction and direction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidental. The rates including Royalty, Malkhana, Octroi, toll tax, GST, sale tax or any other taxes imposed by the Government.	39.89			Per Cubic metre	-
Total						-

Executive Engineer,
Dehra Division,
HPPWD Dehra.

BILL OF QUANTITY

Estimate Cost :- Rs. 472275.00
 Earnest Money :- Rs.5000.00
 Time Limit :- One Month.

Name of work:-A/R & M/O on Gopipur Chamukha Road in Km. 0/0 to 6/00 (SH:-Providing and Laying 30mm thick BC in damaged portion in Km.4/200 to 5/100)

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Providing laying, spreading by mechanically means and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (Pug Mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-base/base course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100kN weight to achieve the desired density including lighting, barricading and maintenance of diversion, etc as per Tables 400.11 & 400.12 and Technical Specification Clause 406. and as per entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	15.40			Per Cubic metre	
2	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.30 kg (zero point two five to zero point three zero kilogramme) per sqm on the prepared dry and hungry bituminous surface cleaned with Hydraulic broom as per technical Specification Clause 503 and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, toll tax, GST,sale tax or any other taxes imposed by the Government.	1555.78			Per Square metre	
3	Providing and laying 30mm (Thirty millimetre) compacted thick bituminous concrete with min 40-60 TPH (forty- sixty tonne per hour) hot mix batch type/drum type plant with electronic control Grading-II using crushed aggregate 13mm (Thirteen millimetre) nominal size of specified grading premixed with bituminous binder VG-30 (Viscosity Grade-Thirty) @ 5% (five percent) of mix weight transported to site, laid with sensor paver finisher hydraulic with sensor control to the required grade, level and alignment over a previously prepared surface and rolling complete with smooth wheeled roller 8-10 (Eight-Ten) tonne capacity for initial break down rolling and vibratory roller 8-10 (Eight-Ten) tonne capacity or pneumatic type roller of 12-15 (Twelve-fifteen Tonne) with tyre pressure of atleast 0.56mpa (Zero point five six) for intermediate rolling and finish rolling with 6-8 (six-eight) tonne smooth wheeled tandem roller to achieve the desired compaction as per MORTH technical specification clause No. 509 including hauling of material in all leads, lifts as per entire satisfaction and direction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidental. The rates including Royalty, Malkhana, Octroi, toll tax, GST, sale tax or any other taxes imposed by the Government.	39.89			Per Cubic metre	
	Total					

Executive Engineer,
 Dehra Division,
 HPPWD Dehra

BILL OF QUANTITY

Estimate Cost :- Rs. 472275.00

Earnest Money :- Rs.5000.00

Time Limit :- One Month.

Name of work:-A/R & M/O on Gopipur Chamukha Road in Km. 0/0 to 6/00 (SH:-Providing and Laying 30mm thick BC in damaged portion in Km.5/100 to 6/00)

Sr. No.	Description of Item	Quantity		Rate in		Unit	Amount
		Figures	Words				
1	Providing laying, spreading by mechanically means and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (Pug Mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-base/base course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100kN weight to achieve the desired density including lighting, barricading and maintenance of diversion, etc as per Tables 400.11 & 400.12 and Technical Specification Clause 406. and as per entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	15.40	Cubic metre			Per Cubic metre	-
2	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.30 kg (zero point two five to zero point three zero kilogramme) per sqm on the prepared dry and hungry bituminous surface cleaned with Hydraulic broom as per technical Specification Clause 503 and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, toll tax, GST, sale tax or any other taxes imposed by the Government.	1555.78	Square Metre			Per Square metre	-
3	Providing and laying 30mm (Thirty millimetre) compacted thick bituminous concrete with min 40-60 TPH (forty- sixty tonne per hour) hot mix batch type/drum type plant with electronic control Grading-II using crushed aggregate 13mm (Thirteen millimetre) nominal size of specified grading premixed with bituminous binder VG-30 (Viscosity Grade- Thirty) @ 5% (five percent) of mix weight transported to site, laid with censor paver finisher hydraulic with censor control to the required grade, level and alignment over a previously prepared surface and rolling complete with smooth wheeled roller 8-10 (Eight-Ten) tonne capacity for initial break down rolling and vibratory roller 8-10 (Eight-Ten) tonne capacity or pneumatic type roller of 12-15 (Twelve-fifteen Tonne) with tyre pressure of atleast 0.56mpa (Zero point five six) for intermediate rolling and finish rolling with 6-8 (six-eight) tonne smooth wheeled tandem roller to achieve the desired compaction as per MORTH technical specification clause No. 509 including hauling of material in all leads, lifts as per entire satisfaction and direction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidental. The rates including Royalty, Malkhana, Octroi, toll tax, GST, sale tax or any other taxes imposed by the Government.	39.89	Cubic metre			Per Cubic metre	-
	Total						-

Executive Engineer,
Dehra Division,
HPPWD Dehra.

BILL OF QUANTITY

Name of work:-A/R & M/O on Gopipur Chamukha Road in Km. 0/0 to 6/00 (SH:-Providing and Laying 30mm thick BC in damaged portion in Km. 3/300 to 4/200)

Estimate Cost :- Rs. 472275.00
 Earnest Money :- Rs.5000.00
 Time Limit :- One Month.

Sr. No.	Description of Item	Quantity		Rate in		Unit	Amount
		Figures	Words				
1	Providing laying, spreading by mechanically means and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (Pug Mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-base/base course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100kN weight to achieve the desired density including lighting, barricading and maintenance of diversion, etc as per Tables 400.11 & 400.12 and Technical Specification Clause 406. and as per entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	15.40	Cubic metre			Per Cubic metre	
2	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.30 kg (zero point two five to zero point three zero killogramme) per sqm on the prepared dry and hungry bituminous surface cleaned with Hydraulic broom as per technical Specification Clause 503 and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, toll tax, GST,sale tax or any other taxes imposed by the Government.	1555.78	Square Metre			Per Square metre	
3	Providing and laying 30mm (Thirty millimetre) compacted thick bituminous concrete with min 40-60 TPH (forty- sixty tonne per hour) hot mix batch type/drum type plant with electronic control Grading-II using crushed aggregate 13mm (Thirteen millimetre) nominal size of specified grading premixed with bituminous binder VG-30 (Viscosity Grade- Thirty) @ 5% (five percent) of mix weight transported to site, laid with sensor paver finisher hydraulic with sensor control to the required grade, level and alignment over a previously prepared surface and rolling complete with smooth wheeled roller 8-10 (Eight-Ten) tonne capacity for initial break down rolling and vibratory roller 8-10 (Eight-Ten) tonne capacity or pneumatic type roller of 12-15 (Twelve-fifteen Tonne) with tyre pressure of atleast 0.56mpa (Zero point five six) for intermediate rolling and finish rolling with 6-8 (six-eight) tonne smooth wheeled tandem roller to achieve the desired compaction as per MORTH technical specification clause No. 509 including hauling of material in all leads, lifts as per entire satisfaction and direction of Engineer-in-Charge including carriage of material within all leads,lifts and other incidental. The rates including Royalty, Malkhana, Octroi, toll tax,GST, sale tax or any other taxes imposed by the Government.	39.89	Cubic metre			Per Cubic metre	
	Total						


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 Dehra Division,
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