

**HIMACHAL PRADESH**  
**PUBLIC WORKS DEPARTMENT**  
**\*\*\* Notice Inviting Tender \*\*\***

Sealed item rate tender on form No. 6 & 8 are hereby invited by the Executive Engineer, HP PWD Division Tanda at Nagrota Bagwan on behalf of Governor of Himachal Pradesh for the following work from the approved and eligible contractors enlisted in HP PWD (B & R) whose registration stood renewed as per revised rules so as to reach in his office on or before on 29.11.2021 up to 11:00 A.M. And the same shall be opened on the same day at 11:30 A.M. in the presence of intending contractors or their authorized representatives. The tender form can be obtained from his office on cash payment (non refundable) on 27.11.2021 up to 4:00 P.M and the application for issue of tender form shall be received on 26.11.2021 up to 12:00 noon. The applications for issue of tender forms accompanied with enlistment letter or renewal letter and the earnest money in the shape of National Saving Certificates/Saving Account of the Post Office /Time Deposit account/FDR in Himachal Pradesh duly pledged in favour of Executive Engineer, HP PWD Division Tanda at Nagrota Bagwan.

The conditional tender and the tender received without earnest money will summarily be rejected. The offer of the tender shall be kept open for 120 days.

Sr. No.	Name of work	Estimated Cost	Earnest Money	Time limit
1	Annual surfacing on Rajhoo to Olhari road in Distt Kangra (HP) (SH:-Providing and laying bituminous concrete pavement in KM 0/000 to 0/500).	Rs 4,03,736/-	8100/-	One month
2.	Annual surfacing on Rajhoo to Olhari road in Distt Kangra (HP) (SH:-Providing and laying bituminous concrete pavement in KM 0/500 to 1/000).	Rs 4,03,736/-	8100/-	One month
3.	Annual surfacing on Rajhoo to Olhari road in Distt Kangra (HP) (SH:-Providing and laying bituminous concrete pavement in Km 1/000 to 1/500).	Rs 4,03,736/-	8100/-	One month
4.	Annual surfacing on Rajhoo to Olhari road in Distt Kangra (HP) (SH:-Providing and laying bituminous concrete pavement in Km 1/500 to 2/025).	Rs 4,22,883/-	8500/-	One month
5.	Annual surfacing on Nihargalu to Barana road in Distt Kangra (HP) (SH:-Providing and laying bituminous concrete pavement in Km 1/000 to 2/000).	Rs 3,84,357/-	7700/-	One month
6.	Annual surfacing on Nihargalu to Barana road in Distt Kangra (HP) (SH:-Providing and laying bituminous concrete pavement in Km 1/500 to 2/000).	Rs 3,84,357/-	7700/-	One month
7.	Annual surfacing on Nihargalu to Barana road in Distt Kangra (HP) (SH:-Providing and laying bituminous concrete pavement in Km 2/000 to 2/500).	Rs 3,84,357/-	7700/-	One month
8	Annual surfacing on Nihargalu to Barana road in Distt Kangra (HP) (SH:-Providing and laying bituminous concrete pavement in Km 2/500 to 3/000).	Rs 3,84,357/-	7700/-	One month
9	Annual surfacing on Nihargalu to Barana road in Distt Kangra (HP) (SH:-Providing and laying bituminous concrete pavement in Km 3/000 to 3/500).	Rs 3,84,357/-	7700/-	One month
10	Annual surfacing on Nihargalu to Barana road in Distt Kangra (HP) (SH:-Providing and laying bituminous concrete pavement in Km 3/500 to 4/000).	Rs 3,84,357/-	7700/-	One month

1. The contractor/firm should be registered as or dealer GST No.
2. The intending contractor / firm have to produce the copy of latest enlistment and renewal enlisted in HPPWD.
3. If any of the date mentioned above happened to be Gazetted Holidays the same shall be processed on next working day.
4. The Executive Engineer reserves the right to accept/reject any tender/application or all tenders without assigning any reason.
5. The Contractor will have to submit affidavit along with application for issue of tender that he has not more than two works in hand.
6. Next tender will be issued only after completion of previous works in hand.

Executive Engineer  
H.P.P.W.D. Tanda Division  
at Nagrota Bagwan

(On behalf of Governor of Himachal Pradesh)

HIMSUCHANA AVAM & JAN SAMPARK

No.PW/NBD/Tender/2021/ 9649-77  
Copy to the following for information and necessary action:-

Dated/ 15-11-2021

1. The Principal Secy. (PW) to the Govt. of H.P. Shimla.
2. The Engineer-in-Chief, HPPWD, Shimla.
3. The Chief Engineer (KZ), HPPWD, Dharamshala.
4. The Director, Information & Publications Department, H.P. Shimla
5. The Superintending Engineer, 5<sup>th</sup> Circle, HPPWD, Palampur.
6. The Principal, Dr. RPGMC, Tanda.
7. The Executive Engineer (IT), Nigam Vihar Shimla 2 for information. He is requested to upload the same on the departmental website.
8. The Deputy Commissioner, Kangra at Dharamshala.
9. All the S.E.s/E.E.s under North Zone.
10. The Sub-Divisional Officer (C) Nagrota Bagwan.
11. The Block Development Office Nagrota Bagwan
12. All the Assistant Engineer under this Division.
13. The Drawing /Accounts Branch in this office.
14. The Contractors concerned.
15. Notice Board.

Executive Engineer  
H.P.P.W.D. Tanda Division  
at Nagrota Bagwan

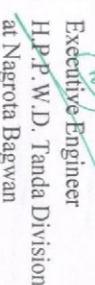
**SCHEDULE OF QUANTITY**

NAME OF WORK:- Annual surfacing on Rajjoon to Olhari road in Distt Kangra (HP)

SUB-HEAD :- Providing and laying bituminous concrete pavement in Km 0/000 to 0/500

ESTIMATED COST :- ₹ 403736.00  
EARNEST MONEY :- ₹ 8100.00  
TIME LIMIT : ONE MONTH

Sl. No.	Description of work	Quantity	RATES In		Unit	Amount
			Fig	Word		
1	Providing, laying and rolling of built-up spray grout layer over prepared base consisting of a one layer composite construction of crushed coarse aggregates using motor grader for aggregates. Key stone chips spreader may be used with application of bituminous binder after each layer, and with key aggregates placed on top of the single layer to serve as a base, conforming to the line, grades and cross-section specified. the compacted layer thickness being 75 mm (Seventy five millimetre) as per Technical Specification Clause 505 as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidental. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	160.00	Square metres		Per square metre	
2	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.225 kgs (Zero decimal Two Two Five kilograms) per square metre on the prepared dry and hungry bituminous surface cleaned with Hydraulic broom as per MORD Technical Specification Clause 503 and as per direction of Engineer-Incharge including carriage of materials within all leads and lifts and other incidental. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	1600.00	Square metres		Per square metre	
3	Providing and laying 30mm (Thirty milimetres) thick bituminous concrete with 100-120 TPH batch type HMP (Hot Mix Plant) producing an average output of 75 tonnes (Seventy five) tonne per hour using crushed aggregates of specified grading, premixed with bituminous binder VG-10 (Viscosity grade-Ten) @ 5.5% (Five point Five) percent by weight of total mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 509 complete in all respect and as per direction of Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	48.00	Cubic metre		Per Cubic metre	
<i>Total :-</i>						

  
 Executive Engineer  
 H.P.P.W.D. Tanda Division  
 at Nagrota Bagwan

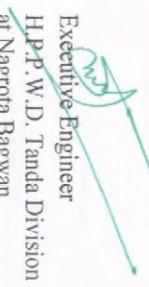
**SCHEDULE OF QUANTITY**

ESTIMATED COST :-	₹ 403756.00
EARNEST MONEY :-	₹ 8100.00
TIME LIMIT	ONE MONTH

NAME OF WORK:- Annual surfacing on Rajoon to Olhari road in Distt Kangra (HP)

SUB-HEAD :- Providing and laying bituminous concrete pavement in Km 0/500 to 1/000

Sl. No.	Description of work	Quantity	RATES In		Unit	Amount
			Fig	Word		
1	Providing, laying and rolling of built-up spray grout layer over prepared base consisting of a one layer composite construction of crushed coarse aggregates using motor grader for aggregates. Key stone chips spreader may be used with application of bituminous binder after each layer, and with key aggregates placed on top of the single layer to serve as a base, conforming to the line, grades and cross-section specified, the compacted layer thickness being 75 mm (Seventy five millimetre) as per Technical Specification Clause 505 as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidental. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	160.00	Square metres	Per square metre		
2	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.225 kgs (Zero decimal Two Two Five kilograms) per square metre on the prepared dry and hungry bituminous surface cleaned with Hydraulic broom as per MORD Technical Specification Clause 503 and as per direction of Engineer-incharge including carriage of materials within all leads and lifts and other incidental. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	1600.00	Square metres	Per square metre		
3	Providing and laying 30mm (Thirty millimetres) thick bituminous concrete with 100-120 TPH batch type HMP (Hot Mix Plant) producing an average output of 75 tonnes (Seventy five) tonne per hour using crushed aggregates of specified grading, premixed with bituminous binder VG-10 (Viscosity grade-Ten) @ 5.5% (Five point Five) percent by weight of total mix and filter, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 509 complete in all respect and as per direction of Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	48.00	Cubic metre	Per Cubic metre		
<i>Total :-</i>						


  
 Executive Engineer  
 H.P.P. W.D. Tanda Division  
 at Naoroja Raowan

**SCHEDULE OF QUANTITY**

NAME OF WORK:- Annual surfacing on Rajjoon to Olhari road in Distt Kangra (HP)  
 SUB-HEAD :- Providing and laying bituminous concrete pavement in Km 1/000 to 1/500

ESTIMATED COST :-	₹ 403736.00
EARNEST MONEY :-	₹ 8160.00
TIME LIMIT	ONE MONTH

Sl. No.	Description of work	Quantity		RATES In		Unit	Amount
		Fig	Word				
1	Providing, laying and rolling of built-up spray grout layer over prepared base consisting of a one layer composite construction of crushed coarse aggregates using motor grader for aggregates. Key stone chips spreader may be used with application of bituminous binder after each layer, and with key aggregates placed on top of the single layer to serve as a base, conforming to the line, grades and cross-section specified, the compacted layer thickness being 75 mm (Seventy five millimetre) as per Technical Specification Clause 505 as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidental. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	160.00	Square metres			Per square metre	
2	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.225 kgs (Zero decimal Two Two Five kilograms) per square metre on the prepared dry and hungry bituminous surface cleaned with Hydraulic broom as per MORD Technical Specification Clause 503 and as per direction of Engineer-Incharge including carriage of materials within all leads and lifts and other incidental. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	1600.00	Square metres			Per square metre	
3	Providing and laying 30mm (Thirty millimetres) thick bituminous concrete with 100-120 TPH batch type HMP (Hot Mix Plant) producing an average output of 75 tonnes (Seventy five) tonne per hour using crushed aggregates of specified grading, premixed with bituminous binder VG-10 (Viscosity grade-Ten) @ 5.5% (Five point Five) percent by weight of total mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 509 complete in all respect and as per direction of Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	48.00	Cubic metre			Per Cubic metre	
<i>Total :-</i>							

Executive Engineer  
 HP-P.W.D. Tanda Division  
 at Nagrota Bagwan

**DRAFT SCHEDULE OF QUANTITY**

ESTIMATED COST :-	₹ 422883.00
EARNEST MONEY :-	₹ 8500.00
TIME LIMIT	ONE MONTH

NAME OF WORK:- Annual surfacing on Rajjoon to Olhari road in Distt Kangra (HP)

SUB-HEAD :- Providing and laying bituminous concrete pavement in Km 1/500 to 2/025

Sl. No.	Description of work	Quantity		RATES In		Unit	Amount
		Fig	Word				
1	Providing, laying and rolling of built-up spray grout layer over prepared base consisting of a one layer composite construction of crushed coarse aggregates using motor grader for aggregates. Key stone chips spreader may be used with application of bituminous binder after each layer, and with key aggregates placed on top of the single layer to serve as a base, conforming to the line, grades and cross-section specified, the compacted layer thickness being 75 mm (Seventy five millimetre) as per Technical Specification Clause 505 as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidental. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	160.00	Square metres	129.95	Rupees One Hundred twenty nine and paise ninety five only	Per square metre	20792.00
2	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.225 kgs (Zero decimal Two Two Five kilograms) per square metre on the prepared dry and hungry bituminous surface cleaned with Hydraulic broom as per MORD Technical Specification Clause 503 and as per direction of Engineer-Incharge including carriage of materials within all leads and lifts and other incidental. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	1680.00	Square metres	10.20	Rupees Ten and paise twenty only	Per square metre	17136.00
3	Providing and laying 30mm (Thirty millimetres) thick bituminous concrete with 100-120 TPH batch type HMP (Hot Mix Plant) producing an average output of 75 tonnes (Seventy five) tonne per hour using crushed aggregates of specified grading, premixed with bituminous binder VG-10 (Viscosity grade-Ten) @ 5.5% (Five point Five) percent by weight of total mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 509 complete in all respect and as per direction of Engineer-incharge including carriage of materials within all leads and lifts and other incidentals. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	50.40	Cubic metre	7638.00	Rupees Seven thousand six hundred thirty eight only	Per Cubic metre	384955.00
<i>Total :-</i>							422883.00

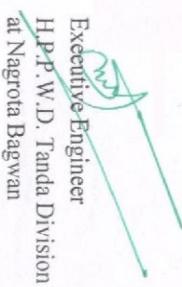
*W.D. Tanda*  
Executive Engineer  
H.P.P.W.D. Tanda Division  
at Nagrota Bagwan

**SCHEDULE OF QUANTITY**

ESTIMATED COST :- ₹ 384357.00  
EARNEST MONEY :- ₹ 7700.00  
TIME LIMIT :- ONE MONTH

NAME OF WORK:- Annual surfacing on Nihargalu to Barana road in Distt Kangra (HP)  
SUB-HEAD :- Providing and laying bituminous concrete pavement in Km1/000 to 1/500

Sl. No.	Description of work	Quantity	RATES In		Unit	Amount
			Fig	Word		
1	Providing, laying and rolling of built-up spray grout layer over prepared base consisting of a one layer composite construction of crushed coarse aggregates using motor grader for aggregates. Key stone chips spreader may be used with application of bituminous binder after each layer, and with key aggregates placed on top of the single layer to serve as a base, conforming to the line, grades and cross-section specified, the compacted layer thickness being 75 mm (Seventy five millimetre) as per Technical Specification Clause 505 as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidental. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	149.00	Square metres	Per square metre		
2	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.225 kgs (Zero decimal Two Two Five kilograms) per square metre on the prepared dry and hungry bituminous surface cleaned with Hydraulic broom as per MORD Technical Specification Clause 503 and as per direction of Engineer-in-charge including carriage of materials within all leads and lifts and other incidental. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	1525.00	Square metres	Per square metre		
3	Providing and laying 30mm (Thirty millimetres) thick bituminous concrete with 100-120 TPH batch type HMP (Hot Mix Plant) producing an average output of 75 tonnes (Seventy five) tonne per hour using crushed aggregates of specified grading, premixed with bituminous binder VG-10 (Viscosity grade-Ten) @ 5.5% (Five point Five) percent by weight of total mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 509 complete in all respect and as per direction of Engineer-in-charge including carriage of materials within all leads and lifts and other incidentals. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	45.75	Cubic metre	Per Cubic metre		
<i>Total :-</i>						

  
 Executive Engineer  
 H.P.P.W.D. Tanda Division  
 at Nagrota Bagwan

**SCHEDULE OF QUANTITY**

NAME OF WORK:- Annual surfacing on Nihargalu to Barana road in Distt Kangra (HP)  
 SUB-HEAD :- Providing and laying bituminous concrete pavement in Km 1/500 to 2/000

ESTIMATED COST :- ₹ 384357.00  
 EARNEST MONEY :- ₹ 7700.30  
 TIME LIMIT : ONE MONTH

Sl. No.	Description of work	Quantity		RATES In		Unit	Amount
		Fig	Word	Fig	Word		
1	Providing, laying and rolling of built-up spray grout layer over prepared base consisting of a one layer composite construction of crushed coarse aggregates using motor grader for aggregates. Key stone chips spreader may be used with application of bituminous binder after each layer, and with key aggregates placed on top of the single layer to serve as a base, conforming to the line, grades and cross-section specified, the compacted layer thickness being 75 mm (Seventy five millimetre) as per Technical Specification Clause 505 as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidental. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	149.00	Square metres		Per square metre		
2	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.225 kgs (Zero decimal Two Two Five kilograms) per square metre on the prepared dry and hungry bituminous surface cleaned with Hydraulic broom as per MORD Technical Specification Clause 503 and as per direction of Engineer-Incharge including carriage of materials within all leads and lifts and other incidental. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	1525.00	Square metres		Per square metre		
3	Providing and laying 30mm (Thirty millimetres) thick bituminous concrete with 100-120 TPH batch type HMP (Hot Mix Plant) producing an average output of 75 tonnes (Seventy five) tonne per hour using crushed aggregates of specified grading, premixed with bituminous binder VG-10 (Viscosity grade-Ten) @ 5.5% (Five point Five) percent by weight of total mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 509 complete in all respect and as per direction of Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	45.75	Cubic metre		Per Cubic metre		
<i>Total :-</i>							

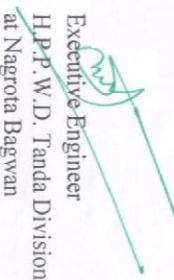
*W.P. Tanda*  
 Executive Engineer  
 H.P.P.W.D. Tanda Division  
 at Nagrota Bagwan

**SCHEDULE OF QUANTITY**

ESTIMATED COST :- ₹ 384557.00  
EARNEST MONEY :- ₹ 7700.00  
TIME LIMIT : ONE MONTH

NAME OF WORK:- Annual surfacing on Nihargalu to Barana road in Distt Kangra (HP)  
SUB-HEAD : - Providing and laying bituminous concrete pavement in Km 2/500 to 2/500

Sl. No.	Description of work	Quantity	RATES In		Unit	A.R.C.C.E.
			Fig	Word		
1	Providing, laying and rolling of built-up spray grout layer over prepared base consisting of a one layer composite construction of crushed coarse aggregates using motor grader for aggregates. Key stone chips spreader may be used with application of bituminous binder after each layer, and with key aggregates placed on top of the single layer to serve as a base, conforming to the line, grades and cross-section specified, the compacted layer thickness being 75 mm (Seventy five millimetre) as per Technical Specification Clause 505 as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidental. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	149.00	Square metres		Per square metre	
2	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.225 kgs (Zero decimal Two Two Five kilograms) per square metre on the prepared dry and hungry bituminous surface cleaned with Hydraulic broom as per MORD Technical Specification Clause 503 and as per direction of Engineer-Incharge including carriage of materials within all leads and lifts and other incidental. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	1525.00	Square metres		Per square metre	
3	Providing and laying 30mm (Thirty millimetres) thick bituminous concrete with 100-120 TPH batch type HMP (Hot Mix Plant) producing an average output of 75 tonnes (Seventy five) tonne per hour using crushed aggregates of specified grading, premixed with bituminous binder VG-10 (Viscosity grade-Ten) @ 5.5% (Five point Five) percent by weight of total mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 509 complete in all respect and as per direction of Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	45.75	Cubic metre		Per Cubic metre	
<i>Total :-</i>						

  
 Executive Engineer  
 H.P.P.W.D. Tanda Division  
 at Nagrota Bagwan

**SCHEDULE OF QUANTITY**

ESTIMATED COST :- ₹ 364357.00  
EARNEST MONEY :- ₹ 7700.00  
TIME LIMIT : ONE MONTH

NAME OF WORK :- Annual surfacing on Nihargalu to Barana road in Distt Kangra (HP)  
SUB-HEAD :- Providing and laying bituminous concrete pavement in Km2/500 to 3/000

Sl. No.	Description of work	Quantity	RATES in		Unit	AMOUNT
			Fig	Word		
1	Providing, laying and rolling of built-up spray grout layer over prepared base consisting of a one layer composite construction of crushed coarse aggregates using motor grader for aggregates. Key stone chips spreader may be used with application of bituminous binder after each layer, and with key aggregates placed on top of the single layer to serve as a base, conforming to the line, grades and cross-section specified. the compacted layer thickness being 75 mm (Seventy five millimetre) as per Technical Specification Clause 505 as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidental. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	149.00	Square metres		Per square metre	
2	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.225 kgs (Zero decimal Two Two Five kilograms) per square metre on the prepared dry and hungry bituminous surface cleaned with Hydraulic broom as per MORD Technical Specification Clause 503 and as per direction of Engineer-Incharge including carriage of materials within all leads and lifts and other incidental. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	1525.00	Square metres		Per square metre	
3	Providing and laying 30mm (Thirty millimetres) thick bituminous concrete with 100-120 TPH batch type HMP (Hot Mix Plant) producing an average output of 75 tonnes (Seventy five) tonne per hour using crushed aggregates of specified grading, premixed with bituminous binder VG-10 (Viscosity grade-Ten) @ 5.5% (Five point Five) percent by weight of total mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 509 complete in all respect and as per direction of Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	45.75	Cubic metre		Per Cubic metre	
						Verified :-

  
 Executive Engineer  
 H.P.P. W.D. Tanda Division  
 at Nagrota Bagwan

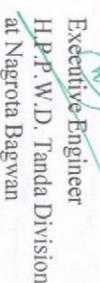
**SCHEDULE OF QUANTITY**

ESTIMATED COST :- ₹ 384357.00  
EARNEST MONEY :- ₹ 7700.00  
TIME LIMIT ONE MONTH

NAME OF WORK:- Annual surfacing on Nihargalu to Barana road in Distt Kangra (HP)

SUB-HEAD :- Providing and laying bituminous concrete pavement in Km 3/000 to 3/500

Sl. No.	Description of work	Quantity	RATES In		Unit	Amount
			Fig	Word		
1	Providing, laying and rolling of built-up spray grout layer over prepared base consisting of a one layer composite construction of crushed coarse aggregates using motor grader for aggregates. Key stone chips spreader may be used with application of bituminous binder after each layer, and with key aggregates placed on top of the single layer to serve as a base, conforming to the line, grades and cross-section specified, the compacted layer thickness being 75 mm (Seventy five millimetre) as per Technical Specification Clause 505 as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidental. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	149.00	Square metres		Per square metre	
2	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.225 kgs (Zero decimal Two Two Five kilograms) per square metre on the prepared dry and hungry bituminous surface cleaned with Hydraulic broom as per MORD Technical Specification Clause 503 and as per direction of Engineer-Incharge including carriage of materials within all leads and lifts and other incidental. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	1525.00	Square metres		Per square metre	
3	Providing and laying 30mm (Thirty millimetres) thick bituminous concrete with 100-120 TPH batch type HMP (Hot Mix Plant) producing an average output of 75 tonnes (Seventy five) tonne per hour using crushed aggregates of specified grading, premixed with bituminous binder VG-10 (Viscosity grade-Ten) @ 5.5% (Five point Five) percent by weight of total mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 509 complete in all respect and as per direction of Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	45.75	Cubic metre		Per Cubic metre	
<i>Total :-</i>						

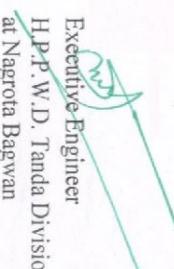
  
Executive Engineer  
H.P.P.W.D. Tanda Division  
at Nagrota Bagwan

**SCHEDULE OF QUANTITY**

ESTIMATED COST :-	₹ 384357.00
EARNEST MONEY :-	₹ 7700.00
TIME LIMIT	ONE MONTH

**NAME OF WORK:-** Annual surfacing on Nihargalu to Barana road in Distt Kangra (HP)  
**SUB-HEAD :-** Providing and laying bituminous concrete pavement in Km 3/500 to 4/000

Sl. No.	Description of work	Quantity	RATES In		Unit	Amount
			Fig	Word		
1	Providing, laying and rolling of built-up spray grout layer over prepared base consisting of a one layer composite construction of crushed coarse aggregates using motor grader for aggregates. Key stone chips spreader may be used with application of bituminous binder after each layer, and with key aggregates placed on top of the single layer to serve as a base, conforming to the line, grades and cross-section specified, the compacted layer thickness being 75 mm (Seventy five millimetre) as per Technical Specification Clause 505 as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidental. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	149.00	Square metres		Per square metre	
2	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.225 kgs (Zero decimal Two Two Five kilograms) per square metre on the prepared dry and hungry bituminous surface cleaned with Hydraulic broom as per MORD Technical Specification Clause 503 and as per direction of Engineer-Incharge including carriage of materials within all leads and lifts and other incidental. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	1525.00	Square metres		Per square metre	
3	Providing and laying 30mm (Thirty millimetres) thick bituminous concrete with 100-120 TPH batch type HMP (Hot Mix Plant) producing an average output of 75 tonnes (Seventy five) tonne per hour using crushed aggregates of specified grading, premixed with bituminous binder VG-10 (Viscosity grade-Ten) @ 5.5% (Five point Five) percent by weight of total mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 509 complete in all respect and as per direction of Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	45.75	Cubic metre		Per Cubic metre	
<i>Total :-</i>						

  
 Executive Engineer  
 H.P.P.W.D. Tanda Division  
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