

**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 27.11.2021 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 26.11.2021 up to 4:00 P.M and the application for issue of tender form shall be received on 24.11.2021 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	A/R & M/O on Ramehar Tangroti Dhaloon road Km 0/000 to 4/600 in Distt Kangra (HP) (SH:-C/O Retaining wall at RD 3/405 to 3/415 Ht. 5.48 mtrs (L/S)	Rs.4,00,465/-	8100/-	Two months
2	Annual surfacing on Ramehar Tangroti Dhaloon road in Distt Kangra (HP) (SH:-Providing and laying bituminous-concrete pavement in Km 0/500 to 1/000).	Rs 4,41,580/-	8850/-	One month
3	Annual repair on Lower Jadrangal Shiund Bhalldhar road in Distt Kangra (HP) (SH:-Patch work using bituminous concrete pavement between in Km 5/000 to 6/600).	Rs 4,99,997/-	10000/-	One month
4	Annual surfacing on Chhughera to Gharatian road in Distt Kangra (HP) (SH:-Providing and laying bituminous concrete pavement between in Km 2/000 to 2/500).	Rs 3,77,853/-	7600/-	One month
5	Annual repair on Lower Jadrangal Shiund Bhalldhar road in Distt Kangra (HP) (SH:-Patch work using bituminous concrete pavement between in Km 3/000 to 5/000).	Rs 4,99,997/-	10000/-	One month
6	Annual surfacing on Chhughera to Gharatian road in Distt Kangra (HP) (SH:-Providing and laying bituminous concrete pavement between in Km 1/500 to 2/000).	Rs 3,77,853/-	7600/-	One month
7	Annual surfacing on Ramehar Tangroti Dhaloon road in Distt Kangra (HP) (SH:-Providing and laying bituminous concrete pavement in Km 0/000 to 0/500).	Rs 4,41,586/-	8850/-	One month
8	A/R & M/O Thanda Pani Jhagni Khabal Kholi road in Distt Kangra (HP) (SH:-Providing and laying interlocking concrete block pavement at various RD's between Km 1/800 to 3/000).	Rs 4,99,877/-	10000/-	Two months
9	A/R & M/O Charjan-Di-Dohri Khabal Kholi road in Distt Kangra (HP) (SH:-Providing and laying interlocking concrete block pavement at various RD's between Km 2/500 to 4/600).	Rs 4,99,906/-	10000/-	Two months
10	Annual surfacing on link road from Nagrota Bhadrer road in Distt Kangra (HP) (SH:-Providing and laying bituminous concrete pavement in Km 1/000 to 1/500).	Rs 4,41,586/-	8850/-	One month
11	Annual surfacing on link road from Nagrota Bhadrer road in Distt Kangra (HP) (SH:-Providing and laying bituminous concrete pavement in Km 1/500 to 2/000).	Rs 4,41,586/-	8850/-	One month
12	Annual surfacing on Kandi Saroot road in Distt Kangra (HP) (SH:-Providing and laying bituminous concrete pavement in Km 4/500 to 5/000).	Rs 3,77,853/-	7600/-	One month
13	Annual surfacing on Kandi Saroot road in Distt Kangra (HP) (SH:-Providing and laying bituminous concrete pavement in Km 4/000 to 4/500).	Rs 3,77,853/-	7600/-	One month

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

HIMSUCHANA AVAM & JAN SAMPARK

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

(On behalf of Governor of Himachal Pradesh)

No.PW/NBD/Tender/2021/ 9528-57
Copy to the following for information and necessary action:-

Dated/ 15/11/2021

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

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

Schedule of Quantity

ESTIMATED COST: - Rs. 400465.00
 EARNEST MONEY: - Rs. 8100.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- A/R & M/O on Ramehar Tangroti Dhaloon road Km 0/000 to 4/600 in Ditt. Kangra (H.P.).

SUB-HEAD :- C/O Retaining wall at RDs 3/405 to 3/415 Ht. 5.48 mtrs L/S

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	2	3	4	5	6	7
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material, including entire carriage of materials within all leads, lifts and other incidentals.	33.05 Cubic metres			Per cubic metre	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 with cement concrete 1:5:10 (One cement: Five sand : Ten graded/crushed stone aggregate 40mm (forty millimeter) nominal size), as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	79.25 Cubic metres			Per cubic metre	
3	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	30 Numbers			Each	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	18.05 Cubic metres			Per cubic metre	
TOTAL :-						

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

Schedule of Quantity

ESTIMATED COST: -Rs. 441586.00
 EARNEST MONEY : -Rs. 8850.00
 TIME LIMIT :- ONE MONTH

NAME OF WORK:- Annual surfacing on Ramchar Tangroti Dhaloon road in Distt Kangra (H.P.).
 SUB HEAD:- Providing and laying bituminous concrete pavement in Km 0/500 to 1/000

Sr. No.	Description	Quantity	Rate		Unit	Amount
			In fig.	in words		
1	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 75mm (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.	3 175.00 Square meters	4	5	6 Per square metre	7
2	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.	1750.00 Square meters			Per square metre	
3	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.	52.50 Cubic metres			Per Cubic metres	
TOTAL:-						441586.00

Executive Engineer,
 H.P.P.W.D Division,
 Tanda at Nagroa Bagwan.

Schedule of Quantity

ESTIMATED COST: -Rs. 499997.00
 EARNEST MONEY: -Rs. 10000.00
 TIME LIMIT :- ONE MONTH

NAME OF WORK:- Annual repair on Lower Jadrangal Shiund Bhalldhar road in Distt Kangra (H.P.).
 SUB HEAD: - Patch work using bituminous concrete pavement between in Km 3/000 to 6/000

Sr. No.	Description	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	2 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 75mm (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.	3 532.40 Square meters	4	5	6 Per square metre	7 7
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.	1800.00 Square meters			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.	54.00 Cubic metres			Per Cubic metres	
TOTAL:-						

Executive Engineer,
 H.P.P.W.D Division,
 Panda at Nagrota Bagwan.

Schedule of Quantity

ESTIMATED COST: -Rs. 377853.00
 EARNEST MONEY: -Rs. 7600.00
 TIME LIMIT :- ONE MONTH

NAME OF WORK:- Annual surfacing on Chhughera to Gharatian road in Distt Kangra (H.P.).
 SUB HEAD: - Providing and laying bituminous concrete pavement in Km 2/000 to 2/500

Sr. No.	Description	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	2	3	4	5	6	7
1	Providing, laying and rolling of <u>built-up spray grout</u> 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 75mm (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.	145.00 Square meters			Per square metre	
2	Providing and applying <u>tack coat</u> 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.	1500.00 Square meters			Per square metre	
3	Providing and laying <u>30mm (Thirty millimetres) thick</u> 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.	45.00 Cubic metres			Per Cubic metres	
TOTAL:-						

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

Schedule of Quantity

ESTIMATED COST: -Rs. 499997.00
 EARNEST MONEY: -Rs. 10000.00
 TIME LIMIT: - ONE MONTH

NAME OF WORK:- Annual repair on Lower Jadrangal Shiund Bhaldhar road in Distt Kangra (H.P.).

SUB HEAD: - Patch work using bituminous concrete pavement between in Km 3/000 to 5/000

Sr. No.	Description	Quantity	Rate		Unit	Amount
			In fig.	In words		
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 75mm (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.	3 532.40 Square meters	4	5	6 Per square metre	7 7
2	Providing and applying tack coat with Bitumen emulsion (RS-I) 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.	1800.00 Square meters			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 MORT 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.	54.00 Cubic metres			Per Cubic metres	
TOTAL:-						

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

Schedule of Quantity

ESTIMATED COST: -Rs. 377853.00
 EARNEST MONEY : -Rs. 7600.00
 TIME LIMIT :- ONE MONTH

NAME OF WORK:- Annual surfacing on Chhughera to Gharatian road in Distt Kangra (H.P.).
 SUB HEAD:- Providing and laying bituminous concrete pavement in Km 1/500 to 2/000

Sr. No.	Description	Quantity	Rate		Unit	Amount
			In fig.	in words		
1	2	3	4	5	6	7
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 75mm (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.	145.00 Square meters			Per square metre	7
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.	1500.00 Square meters			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.	45.00 Cubic metres			Per Cubic metres	
TOTAL:-						

Executive Engineer,
 H.P.W.D Division,
 Tanda at Nagrota Begwan.

Schedule of Quantity

ESTIMATED COST: -Rs. 441586.00
 EARNEST MONEY : -Rs. 8850.00
 TIME LIMIT :- ONE MONTH

NAME OF WORK:- Annual surfacing on Ramechar Tangroti Dhaloon road in Distt Kangra (H.P.).
 SUB HEAD: - Providing and laying bituminous concrete pavement in Km 0/000 to 0/500

Sr. No.	Description	Quantity	Rate		Unit	Amount
			In fig.	in words		
1	2 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 75mm (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.	3 175.00 Square meters	4	5	6 Per square metre	7 7
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.	175.00 Square meters			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.	52.50 Cubic metres			Per Cubic metres	
TOTAL: -						

Executive Engineer,
 H.P.P.W.D Division,
 Tarda at Nagbota Bagwan.

Schedule of Quantity

ESTIMATED COST: - Rs. 499877.00
 EARNEST MONEY: - Rs. 10000.00
 TIME LIMIT: - TWO MONTHS

NAME OF WORK: - A/r & M/O Thanda Pani Bhagani Khabal Kholi road in Distt. Kangra (HP)
 SUB HEAD: - Providing and laying interlocking concrete block pavement at various RD's between Km 1/800 to 3/000.

S. No.	Description	Quantity	Rate		Unit	Amount
			In fig	In words		
1	Providing and laying cement concrete for plain/reinforced concrete in open foundations in 1: 4: 8 (One cement: four sand : eight graded crushed stone aggregate 40mm (forty millimeters) nominal size complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	37.91	4	5	6	7
2	Providing and Laying 80mm (Eighty millimetres) Interlocking Concrete Block Pavements having thickness as per drawings and Technical Specification Clause 1504 make of NTC/ GDC/Atlantica make including 4mm thick (Four millimetres) thick levelling course of sand and locking with cement concrete M-30 (M-Thirty) complete and as per IRC SP-63-2004 & IS 15658 as per the instructions of the Engineer-In-charge within all leads, lifts of materials and other incidentals.	359.60			Per Square metre	
TOTAL :-						

Executive Engineer,
 HP PWD Division,
 Tanda at Nagrota Bagwan.

Schedule of Quantity

ESTIMATED COST :- Rs. 499906.00
 EARNEST MONEY :- Rs. 10000.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- A/R & M/O Charjan-Di-Dehri Khabbal Kholi road in Distt. Kangra (HP)
 SUB HEAD :- Providing and laying interlocking concrete block pavement at various RD's between Km 2/500 to 4/600/

S. No.	Quantity	Rate		Unit	Amount
		In fig	In words		
1	36.48 Cubic metres	4	5	6 Per cubic metre	7
2	367.80 Square metres			Per Square metre	
TOTAL :-					

Executive Engineer,
 HP PWD-Division,
 Tanda at Nagrota Bagwan.

Schedule of Quantity

NAME OF WORK:-

Annual surfacing on link road from Nagrota Bhadrer road in Distt Kangra (H.P.).

SUB HEAD:-

Providing and laying bituminous concrete pavement in Km 1/500 to 2/000

ESTIMATED COST: -Rs. 441586.00
EARNEST MONEY: -Rs. 8850.00
TIME LIMIT: - ONE MONTH

Sr. No.	Description	Quantity	Rate		Unit	Amount
			In fig.	in words		
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 75mm (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.	3 175.00 Square meters	4	5	6 Per square metre	7
2	Providing and applying tack coat with Bitumen emulsion (RS-I) 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.	1750.00 Square meters			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 with 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.	52.50 Cubic metres			Per Cubic metres	
TOTAL:-						

Executive Engineer,
H.P.P.W.D Division,
Janda at Nagrota Bagwan.

Schedule of Quantity

ESTIMATED COST: -Rs. 441586.00
 EARNEST MONEY : -Rs. 8850.00
 TIME LIMIT :- ONE MONTH

NAME OF WORK:- Annual surfacing on link road from Nagrota Bhadrer road in Distt Kangra (H.P.).

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

Sr. No.	Description	Quantity	Rate		Unit	Amount
			In fig.	in words		
1	2 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 graders 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 75mm (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.	3 175.00 Square meters	4	5	6 Per square metre	7
2	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.225 kgs (Zero decimal 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.	1750.00 Square meters			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 MORT 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.	52.50 Cubic metres			Per Cubic metres	
TOTAL:-						

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

Schedule of Quantity

ESTIMATED COST: -Rs. 377853.00
 EARNEST MONEY : -Rs. 7600.00
 TIME LIMIT :- ONE MONTH

NAME OF WORK:- Annual surfacing on Kandli to Saroot road in Distt Kangra (H.P.).

SUB HEAD: - Providing and laying bituminous concrete pavement in Km 4/500 to 5/000

Sr. No.	Description	Quantity	Rate		Unit	Amount
			In fig.	in words		
1	2 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 75mm (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.	3 145.00 Square meters	4	5	6 Per square metre	7 7
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.	1500.00 Square meters			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.	45.00 Cubic metres			Per Cubic metres	
TOTAL: -						

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

Schedule of Quantity

ESTIMATED COST: -Rs. 377853.00
EARNEST MONEY : -Rs. 7600.00
TIME LIMIT :- ONE MONTH

NAME OF WORK:- Annual surfacing on Kandi to Saroot road in Distt Kangra (H.P.).
SUB HEAD:- Providing and laying bituminous concrete pavement in Km 4/000 to 4/500

Sr. No.	Description	Quantity	Rate		Unit	Amount
			In fig.	in words		
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 75mm (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.	3 145.00 Square meters	4	5	6 Per square metre	7
2	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.225 kgs (Zero decimal 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.	1500.00 Square meters			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.	45.00 Cubic metres			Per Cubic metres	
TOTAL:-						

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