

**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 **12.05.2022** 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 **11.05.2022** up to **4:00 P.M** and the application for issue of tender form shall be received on **10.05.2022** 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	Construction of retaining wall in the house of Kuldeep Chand Ward No-3 in bhuli Majethli in Distt Kangra (HP) (SH:-C/O retaining wall (Deposit work)	Rs 126908/-	Rs 2550/-	Three months
2	Construction of Jalot Hardoo Mangrella road in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement road (Balance work)	Rs 297718/-	Rs 6000/-	Three months
3	Beautification of Naun (Matiyari) at Nagrota Bagwan in Distt Kangra (HP) (SH:-Providing and laying paver block and P/F prepainted etc)	Rs 306173/-	Rs 6150/-	Three months
4	Construction of link road Chakban Gheen Sohran to Thathal in Distt Kangra (HP) (SH:-Removal of formation cutting between Km 1/700 to 1/735 & C/O retaining wall at RD 1/715 to 1/735)	Rs 328094/-	Rs 6600/-	Two months
5	Construction of link road from Luhna to Baroh in Distt Kangra (HP) (SH:-Construction of both side approaches for vented causeway on Bathu Khad at Rd 0/350)	Rs 498960/-	Rs 10000/-	Two months
6	Construction of Bandi Matiyari Mumta road in Distt Kangra (HP) (SH:-Providing and laying Bituminous concrete pavement in Km 2/700 to 3/000) Deposit work)	Rs 499940/-	Rs 10000/-	One month
7	Annual maintenance plan for the Year 2022-23 on Lower Jandrangal Shiund Baldhar Jassour road in Distt Kangra (HP)(SH:- Balance work of Bituminous concrete pavement at Km 0/000 to 0/500)	Rs 499991/-	Rs 10000/-	One month
8	Construction of Sakrah to Damtehar Sunhi road Km 0/000 to 6/000 in Distt Kangra (HP) (SH:-Construction of retaining wall at RD 4/150 to 4/156)	Rs 208440/-	Rs 4200/-	Three months
9	Construction of link road Aerla to Haryat Km 0/000 to 2/000 in Distt Kangra (HP) (Sh:- Providing and laying cement concrete pavement in Km 0/151 to 0/302)	498920/-	Rs 10000/-	Three months
10.	Construction of link road Chakban Gheen Sohran to Thathal in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement in Km 0/147 & 1/710 to 1/735)	Rs 497882/-	Rs 10000/-	Three months
11.	Special repair to Paraclinic in Dr R.P.G.M.C. Tanda in Distt Kangra (HP) (SH:-Providing and fixing aluminium work & prelaminated board in Room No 501).	Rs 381503/-	Rs 7650/-	Two months
12.	Annual repair & maintenance of Kufri Patiyalkar road in Distt Kangra (HP) (SH:-Balance work of Bituminous concrete pavement at Km 1/285 to 1/505)	Rs 277768/-	Rs 5600/-	One month
13.	Improvement of Black spot on Kandi to Dholran road in Distt Kangra (HP) (SH:-Providing and fixing W-metal crash barrier at various reaches between Km 0/000 to 1/000)	Rs 498100/-	Rs 10000/-	Two months
14	Beautification of Naun (Matiyari) at Nagrota Bagwan in Distt Kangra (HP) (SH:-Providing and laying granite stone flooring , tile work Kota stone Brick work plastering work and painting work etc)	Rs 419329/-	Rs 8400/-	Three months

15	Construction of link road from Kandi to Patrood in Distt Kangra (HP) (SH:-Providing and laying tarring in Km 0/000 to 0/685)	Rs 436037/-	Rs 8750/-	Three months
16	Construction of Thana Bargran Busal road Km 0/000 to 5/000 in Distt Kangra (HP) (SH:-Construction of retaining wall at RD 2/200 to 2/301)	Rs 498657/-	Rs 10000/-	Three months
17	Construction of Daulatpur Suhni Sarotari Kandi road Km 3/000 to 14/400 in Distt Kangra (HP) (SH:-Construction of Breast wall at RD 7/800 to 7/820 and C/O U-shape drain at RD 7/800 to 7/850)	Rs 233372/-	Rs 4700/-	Two months

1. f The contractor/firm should be registered as or dealer GST No. or EPF 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 reserve s 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.

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/ 1228-51

Dated/ 28-04-2022

Copy to the following for information and necessary action:-

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, 5th 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

ESTIMATED COST: - Rs. 126908.00
 EARNEST MONEY: - Rs. 2550.00
 TIME LIMIT: - THREE MONTHS

NAME OF WORK: - Construction of retaining wall in the house of Kuldeep Chand Ward No-3 in Bhuli Majethli in Distt Kangra (HP).

SUB-HEAD: - C/O retaining wall (Deposit work).

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.	10.40 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-In-charge including carriage of materials within all leads, lifts and other incidentals.	24.36 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-In-charge including carriage of materials within all leads, lifts and other incidentals.	15.00 Running metres			per running metre	
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-In-charge including carriage of materials within all leads, lifts and other incidentals.	12.60 Cubic metres			Per cubic metre	
TOTAL :-						

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

Schedule of Quantity

ESTIMATED COST :- Rs. 297718.00
 EARNEST MONEY :- Rs. 6000.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Constuction of Jalot Hardoo Mangrella road in Distt. Kangra (H.P.)

SUB HEAD :- Providing and laying cement concrete pavement road. (Balance Work)

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2 Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals.	3 50.00 Cubic meters	4	5	6 Per cubic metre	7
TOTAL :-						

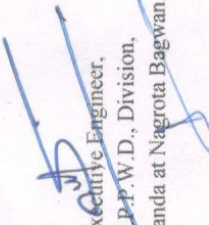
Executive Engineer,
 HP PWD Division,
 Tanda at Nagraha Bagwan.

SCHEDULE OF QUANTITY

ESTIMATED COST: - Rs. 306173.00
 EARNEST MONEY: - Rs. 6150.00
 TIME LIMIT: THREE MONTHS

NAME OF WORK :- Beautification of Naun (Matiyari) at Nagrota Bagwan in Distt. Kangra (H.P.)
 SUB-HEAD :- Providing and laying paver block and P/F prepatinted etc;

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2 Providing and laying 60mm (Sixty millimetre) thick cement concrete paver block of M-35 grade with approved colour, design and pattern. factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete as directed by the Engineer- In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	3 127.00 Square metres	4	5	6 Per square metre	7
2	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-In-charge including carriage of materials within all leads and lifts and other incidentals.	0.55 Cubic meters			Per cubic metre	
3	Grassing with good quality of grass, including watering and maintenance of the lawn for 30-days or more till the grass form a thick lawn free from weeds and fit for mowing including supplying good earth if needed (the good earth shall be paid seperately) in rows 7.5 cm apart in either direction and including entire carriage of material in all leads, lifts and cost of all other incidentals.	150.00 Square metres			Per square metre	
4	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint in beams joists channels, angles, tee, flats with connecting plates or angle cleats as in main and cross beams, hip and jack rafters, purlins connected to common rafters and the like including entire carriage of materials within all leads, lifts and other incidentals.	458.80 Kilo-grams			Per kilo gram	
5	Providing and fixing 0.60mm (Zero decimal Six Zero millimetres) thick prepatinted sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 (Twenty) microns over 5 (Five) microns primer coating to back coat of polyester of 5 (Five) microns over 5 (Five) microns primer coating including fixing with prepatinted iron J or L hooks, bolts and nuts 6mm (Six millimetres) diametres with prepatinted limpet and rubber washers complete with all accessories as required including carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	115.00 Square metres			Per square metre	
TOTAL :-						


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

Schedule of Quantity

ESTIMATED COST :- Rs. 328094.00
 EARNEST MONEY :- Rs. 6600.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- Construction of link road Chakban Gheen Sohran to Thathal in Distt Kangra (HP).
 SUB HEAD :- Removal of formation cutting between Km 1/700 to 1/735 & C/O retaining wall at RD 1/715 to 1/735

S. No.	Description	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Excavation in hilly area in all heights and depths and in all kind of soil by manual/mechanical means including saturated soil comprising of ordinary soil, soft rock, hard rock, chiseling, wedging out of rock (where blasting is prohibited) and their intermediate classification of soil, setting out true to the required lines, grades, cutting and trimming of side slopes and level as shown in the drawing and as directed by engineer-in-charge at site according to the MORD technical specification clause 302, 1603.1 and 1603.2 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transportation of un-useful material for filling in road ways, camber, embankments for grade improvements and disposal of all surplus material to required width of the road or on approved dumping sites through all modes of transportation including head load or animal transport or mechanical means along with its leveling, fine dressing and carriage of machineries, materials, tools, equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour if required. Recovery of stone to the tune of 10.50 cubic metres quantity at the rate of 300/- per cubic metre shall be effected from the contractor's running bills on pro-rata basis as per actual quantity executed. Any loss to the public, private property during the course of execution shall be the absolute responsibility of the contractor, which shall have to be compensated by him in all cases, as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	209.79 Cubic metres			Per cubic metre	7
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.	48.39 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.	38.15 Running metres			per running metre	
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.	15.12 Cubic metres			Per cubic metre	

5	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering. Plain cement concrete 1:3:6 (One Cement : Three coarse sand : Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and HP.PWD technical specifications and as directed by Engineer. Incharge including carriage of material within all leads, lifts and other incidentals.	10.61 Cubic metres		Per cubic metre	
TOTAL :-					


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

Schedule of Quantity

ESTIMATED COST: - Rs. 498960.00
 EARNEST MONEY: - Rs. 10000.00
 TIME LIMIT: TWO MONTHS

NAME OF WORK: - Construction of link road from Luhna to Baroh in Distt Kangra (HP).

SUB HEAD: - Construction of both side approaches for vented causeway on Bathu Khad at RD 0/350

S. No.	Description	Quantity	Rate		Unit	Amount
			In fig	In words		
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 any lead, dressing of sides and bottom and backfilling in trenches with excavated suitable material complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	21.60 Cubic meters	4	5	Per cubic metre	7
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering Plain cement concrete M-15 (M-Fifteen) grade having (Cement content considered @ 240kg /cum (Two hundred kilogram per cubic metre complete as per drawing and HP.PWD technical specifications, and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	48.60 Cubic meters			Per cubic metre	
3	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) complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	13.68 Cubic metres			Per cubic metre	
4	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	18.24 Cubic meters			Per cubic metre	
5	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.	63.84 Cubic metres			Per cubic metre	
TOTAL :-						

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

SCHEDULE OF QUANTITY

ESTIMATED COST :- ₹ 499940.00
EARNEST MONEY :- ₹ 10000.00
TIME LIMIT ONE MONTH

NAME OF WORK:- Construction of Bandi Matiyari Mumta road in Distt. Kangra (HP).

SUB-HEAD :- Providing and laying of Bituminous Concrete Pavement in Km 2/700 to 3/600 (Deposit)

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 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.	66.75 Square metre			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.	1335.00 Square metre			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.	40.06 Cubic metres			Per cubic metre	
Total :-						

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

SCHEDULE OF QUANTITY

ESTIMATED COST :- ₹ 499991.00
 EARNEST MONEY :- ₹ 10000.00
 TIME LIMIT ONE MONTH

NAME OF WORK:- Annual Maintenance Plan for the year 2022-23 on Lower Jadrangal Shiund Baldhar Jassour road in Distt Kangra (HP).

SUB-HEAD :- Balance work of Bituminous Concrete pavement at Km 0/000 to 0/500

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 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.	92.50 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.	1452.00 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.	43.56 Cubic metres			Per cubic metre	
Total :-						

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

SCHEDULE OF QUANTITY

ESTIMATED COST :- Rs. 208440.00
 EARNEST MONEY :- Rs. 4200.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of Sakrah to Damtehar Sunhi road Km 0/000 to 6/000 in Distt Kangra (HP).
 SUB-HEAD :- Construction of Retaining wall at RD 4/150 to 4/156

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.	13.56 Cubic meters			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-In-charge including carriage of materials within all leads, lifts and other incidentals.	41.65 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-In-charge including carriage of materials within all leads, lifts and other incidentals.	32.40 Running metres			per running metre	
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-In-charge including carriage of materials within all leads, lifts and other incidentals.	9.72 Cubic metres			Per cubic metre	
TOTAL :-						

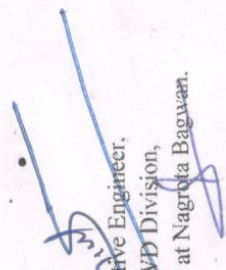
Executive Engineer,
 H.P.P.W.D., Division,
 Tanda at Nagrota Bagwan.

Schedule of Quantity

ESTIMATED COST :- Rs. 498920.00
 EARNEST MONEY :- Rs. 10000.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Constnuction of link road Aerla to Haryat Km 0/000 to 2/000 in Distt. Kangra (H.P.)
 SUB HEAD :- Providing and laying cement concrete pavement in Km 0/151 to 0/302

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2 Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade, and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two millimetres) nominal size at the rate of 0.22 cum (zero point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 including carriage of materials within all leads and lifts and other incidental.	35.67 Cubic metres	4	5	6 Per Cubic metres	7
2	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	71.35 Cubic meters			Per cubic metre	
TOTAL :-						


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

Schedule of Quantity

ESTIMATED COST :- Rs. 497882.00
 EARNEST MONEY :- Rs. 10000.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of link road Chahua Gheena Sohra to Thatal in Distt. Kangra (H.P.)
 SUB HEAD :- Providing and laying cement concrete pavement in Km 0/000 to 0/147 & 1/710 to 1/735

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two millimetres) nominal size at the rate of 0.22 cum (zero point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 including carriage of materials within all leads and lifts and other incidental.	5.91 Cubic metres			Per Cubic metres	
2	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	81.27 Cubic meters			Per cubic metre	
TOTAL :-						

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

SCHEDULE OF QUANTITY

ESTIMATED COST :- ₹ 381503.00
 EARNEST MONEY :- ₹ 7650.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- Special Repair to Paraclinic in Dr.R.P.G.M.C.Tanda in Distt Kangra H.P.
 SUB-HEAD :- Providing and fixing aluminium work & prelaminated Board in Room No. 501.

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : Powder coated aluminium (minimum thickness of powder coating 50 micron) For doors windows and ventilators and glazed partitions frames, complete and as directed by the Engineer- Incharge, including, carriage of materials within all leads, lifts and other incidentals.	411.84 Kilograms			Per kilogram	
2	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : Powder coated aluminium (minimum thickness of powder coating 50 micron) For shutter of doors windows & ventilators including providing and fixing hinges/pivots and making provisions for fixing of fittings where ever required including the cost of PVC/neoprene gaskets as required (fittings and glazing/panelling shall be paid for separately) complete and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	61.36 Kilograms			Per kilogram	
3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item) With float glass panes of 5 mm thickness (weight not less than 12.50 kg/ sqm)complete and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	15.60 Square metres			Per square metre	
4	Providing and fixing anodized aluminium tower bolts (barrel type anodized trans parent or dyed to required shade and colour with screws etc. Complete and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.					
i	200x10mm	10 Numbers			Each	
ii	250x10mm	10 Numbers			Each	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
5	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.					
i	125mm	8 Numbers			Each	
ii	100mm	8 Numbers			Each	
6	Providing and fixing anodized aluminium sliding door bolts anodized transparent or dyed to required colour and shade with necessary screws etc. complete. and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.					
i	300x10mm	6 Numbers			Each	
ii	250x10mm	6 Numbers			Each	
8	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc; complete and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	2 Numbers			Each	
9	Providing and fixing bright finished brass butt hinges with necessary screws etc. complete and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	40 Numbers			Each	
10	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	2 Numbers			Each	
11	Providing and fixing 12mm (Twelve millimetres) thick prelaminated particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer- in-charge. Pre-laminated particle board with decorativelamination on both sides and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	38.50 Square metres			Per square metre	
TOTAL :-						


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

SCHEDULE OF QUANTITY

ESTIMATED COST :- ₹ 277768.00
 EARNEST MONEY :- ₹ 5600.00
 TIME LIMIT ONE MONTH

NAME OF WORK:- Annual repair & maintenance of Kufri Patiyalkar road in Distt Kangra (HP).
 SUB-HEAD :- Balance work of Bituminous Concrete pavement at Km 1/285 to 1/505

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 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 (HI) of standard bidding document.	34.25	Square metre		Per square metre	
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 cleanted 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.	685.00	Square metre		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.	20.55	Cubic metres		Per cubic metre	
Total :-						

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

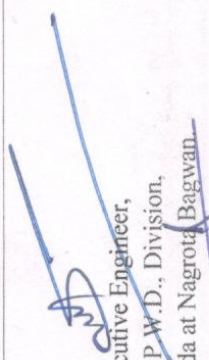
Schedule of Quantity

ESTIMATED COST :- ₹ 498100.00
 EARNEST MONEY :- ₹ 10000.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- Improvement of Black Spot on Kandi to Dholran road in Distt. Kangra (H.P.).

SUB-HEAD :- Providing and fixing W-metal crash barrier at various reaches between Km 0/000 to 1/000.

S. No.	Description of items	Quantity	RATES		Unit	Amount
			In fig	In Words		
1	2 Providing and erecting "W" Metal Beam Crash Barrier comprising of 30mm (Three millimetres) thick corrugated sheet metal beam rail, to be kept 70 cm (Seventy centimetres) above road/ground level, fixed on post and special channel section, 150x75x5mm (One hundred fifty into sesventy five into five millimetres) spaced 2 metres (Two metres) center to center, 1.80 metres high, (One point eight zero), 1.10 metres (One point one zero metre) below ground/road level all steel parts and fitments to be galvanized by hot dip process. All fittings to confirm to IS: 1367 and IS: 1364, metal beam rail to be fixed on the vertical post with a space of channel section 150x75x5mm (One hundred fifty into sesventy five into five millimetres), 330mm (Three hundred thirty millimetres) long complete as per Clause 810 fixed in pit size 30cmx45cm (Thirty centimetres into forty five centimaetres) and one metre deep including cost of excavation and cement concrete 1:2:4 (one cement : Two sand : Four graded broken/ crushed stone aggregate 20mm (Twenty millimeters) nominal size in foundation as per direction of Engineer-in-charge including carriage of materials within all lead, lifts and other incidentals.	3 146.50 Running meters	4		6 Per running metre	7
Total						


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

SCHEDULE OF QUANTITY

ESTIMATED COST :- Rs. 419229.00
 EARNEST MONEY :- Rs. 8400.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Beautification of Naun (Matiyari) at Nagrota Bagwan in Distt. Kangra (H.P.)

SUB-HEAD :- Providing and laying granite stone flooring, tile work, Kota stone, Brick work, plastering work and painting work etc;

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Providing and laying Polished / flamed Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (Twenty millimetre) (average) thick base of cement mortar 1:4 (one cement : Four coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent including single/double moulding complete and as per direction of Engineer- In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	41.52 Square metres			Per square metre	
2	Providing and fixing full body vitrified tiles 400x400mm(Four hundred millimetre) size conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in flooring, skirting, risers of steps and dados, over 12 mm (Twelve millimetre) thick bed of cement mortar 1:3 (One cement : Three coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete and as per direction of Engineer- In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	50.40 Square metres			Per square metre	
3	Providing and laying mirror polished 25mm (Twenty five millimetre) thick Kota stone minimum Size 55x55cm (fifty five into Fifty Five centimetres) of uniform colour with 7.5 cm (Seven point five centimetre) wide Jaislmer Yellow marble band (NTC /Johnson) of same shade that of flooring of approved shade as per detail slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing including single/double moulding complete with base of cement mortar 1 : 4 (One cement : Four coarse sand) complete including carriage of material within all leads, lifts and other incidentals and further as per specifications, approved drawing, design and as directed by the Engineer-in-charge.	32.27 Square metres			Per square metre	
4	Providing and fixing 110 mm (One hundred millimetres) diameter on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes complete including carriage of material within all leads, lifts and other incidentals, as per approved specifications drawing, design and as directed by the Engineer-in-charge.	20.00 Running metres			Per running metre	
5	Second class brick masonry using common burnt clay building bricks in super-structure upto all floor level in cement mortar 1:6 (One cement: Six sand) and curing complete including carriage of material within all leads, lifts and other incidentals as per approved specifications, drawing, design and as directed by the Engineer-in-charge.	0.29 Cubic metres			Per cubic metre	
6	6mm (Six millimetres) thick cement plaster to ceiling in cement mortar 1:3 (One cement: Three sand) upto all floor levels complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge.	41.08 Square metres			Per square metre	
7	15mm (Fifteen millimetre) thick cement plasters in single coat on rough side of brick/concrete/stone walls for interior plastering upto all floor level including arises, internal rounded angles, chamfers and or rounded angles not exceeding 80mm in girth and finished even and smooth with cement mortar 1:6 (One cement : Six sand) above plinth level to floor all level complete including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge.	98.98 Square metres			Per square metre	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1		3	4	5	6	7
8	Finishing walls with 100% (One hundred percent) Premium acrylic apex paint having VOC less than 50 gm/litre (Fifty grams per litre) and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives New work (Two or more coats applied @ 1.43 litre/ 10 sqm (One point forty three litre per ten square metre) over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm (Zero point ninety litre per ten square metre) upto all floor level including putty two coats complete including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge.	140.06 Square metres			Per square metre	
9	Providing and fixing metal with arm Victoria Bench 3 seater (Three seater) capacity with necessary fitting complete etc; as directed by the Engineer- In-charge, including entire carriage of materials within all leads, lifts and other incidentals	15 Numbers			Each	
10	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides offoundation etc. complete as directed by the Engineer In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	50.80 Cubic metres			Per cubic metre	
11	Providing, laying, spreading and compacting stone aggregate size 90mm to 45mm (ninety millimeter) Grading-I size [100mm (One hundred millimeters) compacted thickness] to water bound macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two millimetres) nominal size at the rate of 0.30cum (zero point thirty cubic metres) per ten square metres and binding material at the rate of 0.08 cum (zero point zero eight cubic metre), per 10 Sqm (ten square meter) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 and as per HPPWD technical specification and as per direction of Engineer-In-charge including carriage of materials within all leads and lifts and other incidental.	12.70 Cubic metres			Per cubic metre	
12	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering.- All work up to plinth level cement concrete 1:4:8 (One cement; four sand; eight graded broken/crushed stone aggregate 40mm (Forty millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	9.52 Cubic metres			Per cubic metre	
TOTAL :-						

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

Schedule of Quantity

ESTIMATED COST: -Rs. 436037.00
EARNST MONEY : -Rs. 8750.00
TIME LIMIT :- THREE MONTHS

NAME OF WORK:- Construction of link road from Kandi to Patrood in Distt Kangra (H.P.).

SUB HEAD: - Providing and laying tarring in Km 0/000 to 0/685

Sr. No.	Description	Quantity	Rate		Unit	Amount
			In fig.	in words		
1	2 Providing and applying tack coat using hot straight run bitumen of grade VG-10 On W.B.M. @ 0.75 Kg / sqm (Zero point seven five per square metre), including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specifications and as per the entire satisfaction and direction of Engineer-in-Charge.	3 1795.50 Square metres	4	5	6 Per Square metre	7
2	Providing, laying and rolling of open graded premix carpet of 20mm (Twenty millimeter) compacted thickness, composed of Type-A 13.2mm (Thirteen decimal two millimeter) to 5.6mm (Five decimal six millimeter) aggregate for wearing course including loading of aggregate with front end loader heating binder and aggregate in hot mix plant 30/40 (Thirty/Forty) Tonne per hour capacity transporting mixed material with tipper to site of work and laying to required grade and camber and rolling with power road roller 80-100 KN (Eighty-One hundred) static weight using 0.27 cum (Zero point twenty seven cubic metre) of graded stone aggregate mixed with 14.6 kg (Fourteen point six kilogram) of bitumen binder using VG-10 (Viscosity Grade-Ten) grade per ten square metre of road surface but excluding the cost of Tack coat and seal coat inclusive of all corrective measures such as repairing of pot holes, cleaning of cracks and laying of profile corrective Coarse for all depth, filling of depression for all depth and construction of super elevation and camber, where required as per technical specifications clause No. 508 including hauling of materials labour and equipment required to execute the work at site of work with in all leads and lifts, as per the entire satisfaction and direction of Engineer-in-Charge.	1795.50 Square metres			Per Square metre	
3	Providing and laying premixed seal coat for sealing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Type B seal coat using VG-10 bitumen @ 6.80 kg (Six decimal eighty kilograms) mixed with 0.06 cum (Zero point zero six) cubic metre of fine aggregate for 10 sqm (Ten square metres) of road surface, heating and mixing of binder and aggregate in suitable plant, playing mechanically and rolling with Power Road Roller 80-100 KN (Eighty-One hundred) static weight as per Technical Specification Clause 510 as per the direction of Engineer-Incharge, within all leads, lifts of materials and other incidentals as per the entire satisfaction and direction of Engineer-in-Charge.	1795.50 Square metres			Per Square metre	
TOTAL: -						

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

SCHEDULE OF QUANTITY

ESTIMATED COST: - Rs. 498657.00
 EARNEST MONEY :- Rs. 10000.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of Thana Bargran Busal road Km 0/000 to 5/000 in Distt. Kangra (H.P.).
 SUB-HEAD :- Construction of retaining wall at RD 2/200 to 2/301

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	2	3	4	5	6	7
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soil as directed, within a any lead as per drawing and HP.PWD technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals: :-	104.16 Cubic meters			Per cubic metre	
2.	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering .Plain cement concrete 1:3:6 (One Cement : Three coarse sand : Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and HP.PWD technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	88.63 Cubic metres			Per cubic metre	
TOTAL: -						

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

Schedule of Quantity

ESTIMATED COST: - Rs. 233372.00
 EARNEST MONEY: - Rs. 4700.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- Construction of Daulatpur Sunhi Sarotari Kandi road Km 3/000 to 14/400 in Distt. Kangra (H.P.)

SUB HEAD :- Construction of Breast wall at RD 7/800 to 7/820 and C/O U-Shape drain at RD 7/800 to 7/850

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 any lead, dressing of sides and bottom and backfilling in trenches with excavated suitable material complete as per drawing and HP.PWD technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	40.05 Cubic metres			Per cubic metre	
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:5:10 (One cement : Five coarse sand : Ten graded stone aggregate 40 mm (Forty millimetres nominal size) as per drawing and HP.PWD technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	29.25 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-In-charge including carriage of materials within all leads, lifts and other incidentals.	15 Numbers			Each	
4	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering .Plain cement concrete 1:3:6 (One Cement : Three coarse sand : Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and HP.PWD technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	15.75 Cubic metres			Per cubic metre	
TOTAL :-						

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