

**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 **22.07.2022** 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 **21.07.2022** up to **4:00 P.M** and the application for issue of tender form shall be received on **20.07.2022** 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 Nihargalu Jalot road Km 0/000 to 14/000 in Distt Kangra (HP) Under BASP (SH:-Construction of retaining wall at RD 7/005 to 7/015)	266903/-	5400/-	Three months
2	Construction of link road Kanda to Munda in Distt Kangra (HP) (SH:-Improvement of gradient by formation cutting from RD 0/750 to 0/780 Construction of Edge wall at RD 0/705 to 0/735, Earth filling work at RD 0/699 to 0/735 providing and laying cement concrete pavement (M-20) grade at RD 0/700 to 0/775)	499014/-	10000/-	Three months
3	A/R & M/O Nagrota Chahri Pathiar road Km 0/000 to 4/135 in Distt Kangra (HP) (SH:-Construction of Edge wall including drain at RD 2/600 to 2/615)	170906/-	3500/-	Three months
4	Construction of link to village Karahpura ward No 1 in Distt Kangra (HP) (SH:-Providing and laying interlocking paver block at RD 0/1895 to 01/335 (Under SCSP Head)	498926/-	10000/-	Three months
5	Restoration of rain damages on Touru Bah Chprehar road Km 0/000 to 5/000 in Distt Kangra (HP) (SH;-Construction of breast wall at RD 1/725 to 1/735)	317505/-	6350/-	Three months
6	Construction of Truma Centre in Dr RPGMC at Tanda in Distt Kangra (HP) (SH:-Balance work of Ramp i.e. providing and laying cement Granite stone flooring cement concrete 1:2:4 providing and fixing wire gauge and prelaminate board etc)	355320/-	7150/-	Two months
7	Construction of link road Malan to Garh Mata Mandir in Distt Kangra (HP) (SH;-Construction of 2.00 mtr span RCC slab culvert at RD 0/070)	342722/-	6900/-	Three months
8	Annual repair and maintenance of Nagrota Baldhar Dhaloon road in Distt Kangra (HP) (SH: Improvement and profile correction of road in Km 1/000 to 1/150)	494750/-	98508/-	One month
9	Annual repair and maintenance of Nagrota Chahri Pathiar road in Distt Kangra (HP) (SH:-Improvement and profile correction of road in Km 0/000 to 0/100)	372400/-	7450/-	One month
10	A/R & M/O on various roads under Nagrota Sub-Division HPPWD Nagrota Bagwan in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement and grating etc)	499875/-	10000/-	Three months
11	Construction of link road from Kandi to Patroo in Distt Kangra (HP)(SH:-Providing and laying tarring work in Km 0/615 to 0/875).	302918/-	6100/-	Two months
12	A/R & M/O on Sadoon Akrana road Km 0/000 to 3/000 in Distt Kangra (HP) (SH;-Repair of pot holes by providing WBM in patches and premix carpet between Km 0/000 to 3/000).	498088/-	10000/-	One month

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13	A/R & M/O on Yol to 53 Miles road Km 0/000 to 10/555 in Distt Kangra (HP) (SH:-Construction of U-shape drain at RD 5/600 to 5/725)	240360/-	4850/-	Two months
14	Construction of Community Centre at Kandi Dolran at Baroh in Distt Kangra (HP) (SH:-Construction of Civil work etc)	183217/-	3700/-	Three months
15	A/R & M/O on Nagrota Chahri Pathiar road Km 0/000 to 4/250 in Distt Kangra (HP) (SH:-Construction of retaining wall at RD 0/676 to 0/699)	371813/-	7450/-	Two months
16	Restoration of rain damages on Mangrella Luhna Har road in Distt Kangra (HP) (SH:-Construction of breast wall at RD 0/375 to 0/385 & 0/465 to 0/475)	497695/-	4200/-	Three months
17	Restoration of rain damages on Toru Bah Chaprehar road Km 1/660 to 1/675)	158571/-	3200/-	Three months

1. 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/2022/ 4438-67

Dated/ 11/7/2022

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. 266903.00
 EARNEST MONEY: - Rs. 5400.00
 TIME LIMIT : THREE MONTHS

ITEM OF WORK :- Construction of Nihagalu Jalot road km 0/000 to 14/000 in Distt. Kangra (H.P.) Under BASP
-HEAD :- Construction of Retaining wall at RD 7/005 to 7/015.

Description of items	Quantity	Rate		Unit	Amount
		In fig.	In words		
2	3	4	5	6	7
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.	24.75 Cubic meters			Per cubic metre	
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-Incharge including carriage of material within all leads, lifts and other incidentals.	52.65 Cubic metres			Per cubic metre	
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.	36.96 Running metre			Per running metre	
Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	16.20 Cubic metres			Per cubic metre	
TOTAL:-					

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

Schedule of Quantity

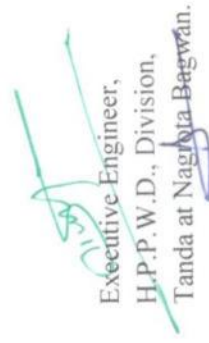
ESTIMATED COST: - Rs. 499014.00
 EARNEST MONEY :- Rs. 10000.00
 TIME LIMIT : THREE MONTHS

DESCRIPTION OF WORK :- Construction of link road Kanda to Munda in Distt. Kangra (H.P.).

REMARKS :- Improvement of gradient by formation cutting from RD 0/750 to 0/780, Construction of Edge wall at RD 0/705 to 0/735, Earth filling work at RD 0/690 to 0/735, Providing and laying Cement concrete pavement(M-20) grade at RD 0/700 to 0/775

Description of items	Quantity	Rate		Unit	Amount
		In fig.	In words		
2 Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas exceeding 30 cm (Thirty centimetre) in depth, 1.5 m (One point five metre) in width as well as 10 (ten) cm on plan) including getting out and disposal of excavated earth upto any lead and lift as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	3	4	5	6	7
	69.70			Per cubic metre	
	Cubic metres				
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.	19.23			Per cubic metre	
	Cubic metres				
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.	37.13			Per cubic metre	
	Cubic metres				
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 (V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 204.3.7 as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	24.75			Per running metre	
	Running metre				
Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	16.20			Per cubic metre	
	Cubic metres				

Filling with available fly ash and earth (excluding rock) in trenches or embankment in layers (each layer should not exceed 15 cm (Fifteen centimetre), with intermediate layer of compacted earth (Soil density of 98% (Ninety eight percent) after every four layers of compacted depth of fly ash, sides & top layer of filling shall be done with earth having total minimum compacted thickness 30 cm (Thirty centimetre) or as decided by Engineer in-charge, including compacting each layer by rolling/ ramming and watering, all complete as per drawing and direction of Engineer -in - charge.	337.50 Cubic meters		Per cubic metre
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.	17.72 Cubic metres		Per Cubic metres
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.	35.74 Cubic meters		Per cubic metre
TOTAL :-			


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

Schedule of Quantity

ESTIMATED COST: - Rs. 170906.00
 EARNEST MONEY :- Rs. 3500.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- A/R & M/O on Nagrota Chahri Pathiar road Km 0/000 to 4/135 in Distt. Kangra (H.P.).
 SUB HEAD :- Construction of Edge wall including drain at RD 2/600 to 2/615

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-Incharge including carriage of material within all leads, lifts and other incidentals.	30.15 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-Incharge including carriage of material within all leads, lifts and other incidentals.	28.72 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.	22 Numbers			Each	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	3.87 Cubic metres			Per cubic metre	
TOTAL :-						


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

SCHEDULE OF QUANTITY

ESTIMATED COST: - Rs. 498926.00
 EARNEST MONEY :- Rs. 10000.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of link to village Karahpura Ward No-1 in Distt. Kangra (H.P.).
SUB-HEAD :- Providing and laying interlocking paver block at RD 00/185 to 0/335 (Under SCSP Head).

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	2	3	4	5	6	7
1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level laying with 1:4:8 (One Cement : Four coarse sand) : Eight graded stone aggregate 40mm (Forty millimetre) nominal size complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	5.60 Cubic meters			Per cubic metre	
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-Incharge within all leads, lifts of materials and other incidentals.	540.00 Square metres			Per Square metre	
TOTAL:-						


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

Schedule of Quantity

ESTIMATED COST :- Rs. 317505.00
 EARNEST MONEY :- Rs. 6350.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Restoration of rain damages on Touru Bha Chaprehar road Km 0/000 to 5/000 in Distt. Kangra (H.P.).

SUB HEAD :- Construction of Breast wall at RD 1/725 to 1/755

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-Incharge including carriage of material within all leads, lifts and other incidentals.	42.90 Cubic meters			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-Incharge including carriage of material within all leads, lifts and other incidentals.	78.30 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.	70.18 Running metres			Per running metre	
TOTAL :-						

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

SCHEDULE OF QUANTITY

ESTIMATED COST: - RS. 355320.00
 EARNEST MONEY :- RS. 7150.00
 TIME LIMIT : Two Months

NAME OF WORK :- Construction of Trauma Center in Dr. RPGMC at Tanda in Distt. Kangra (H.P.).

SUB-HEAD :- *Balanc work of Ramp i.e. providing and Laying Granite stone flooring, cement concrete 1:2:4 providing & fixing Wire gauge and prelaminated Board 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 15 mm to 20mm (Twenty millimeters) thick granite stone in flooring 20mm (Twenty millimeters) (average) thickness base of cement mortar 1:3 (One cement : Three sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone including rubbing, polishing and moulding in single or double layer complete and as directed by the Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals.	45.44 Square metres			Per square metre	7
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level : 1:2:4 (One cement : Two coarse sand) : Four graded stone aggregate 20 mm nominal size) (Twenty millimeters) complete and as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals	5.80 Cubic metres			Per Cubic metre	
3	Providing and fixing fly proof galvanized M.S. wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm (one point four millimeters) in both directions with wire of dia 0.63 mm(Zero point sixty three millimeters) complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	30.00 Square metres			Per square metre	
4	P/F 12mm mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum 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 decorative lamination on both sides complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	13.36 Square metres			Per square metre	
5	Welding of steel window shutter when required complete including complete repair of the window shutter including accessorise of window shutter complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	48.00 Numbers			Each	
6	Construction manhole with R.C.C. top slab in 1:2:4(One cement: Two sand: Four graded crushed stone aggregate 20mm(Twenty millimetres nominal size) foundation concrete 1:4:8(One cement: Four sand: Eight graded crushed/broken stone aggregate 40mm(Forty millimetres nominal size) inside plastering 15mm (Fifteen millimetres) thick with cement mortar 1:3 (One Cement: three sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4(One cement: Two sand: Four graded crushed stone aggregate 20mm(Twenty millimetres nominal size) finished smooth complete including curing and testing inside size 800x800mm (Eight hundred into Eight hundred millimetres) 500mm(Five hundred millimetres) deep, including C.I. cover with frame (light duty single seal pattern -I) 455x610mm (Four hundred fifty five into six hundred and ten millimetres) internal dimensions total weight of cover and frame to be not less than 38 Kgs (Thirty eight kilograms) weight of cover 23Kgs(twenty three kilograms) and weight of frame 15 Kgs (Fifteen kilograms) with 300mm (Three hundred millimetres) thick walls of squared rubble masonry coursed with hard stone of approved quality in cement mortar 1:3 (one cement: three sand) as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	3 Numbers			Each	

7	Providing and fixing 150 x 10mm (One hundred fifty into ten millimetres) aluminium tower bolts (berrel type) anodized trans parent or dyed to required shade and colour with screws etc. complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	6 Numbers			Each
8	Providing and fixing Sliding lock complete fitting with necessary screws as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals	120 Numbers			Each
9	Providing and fixing aluminium tubular handle bar 32 mm outer dia, 3.0 mm thick & 2100 mm long with SS screws etc .complete as per direction of Engineer-in- Charge. complete, as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals				
i)	125mm size (One hundred Twenty Five)nominal size	4 Numbers			Each
ii)	100 mm (One hundred milimetres) nominal size	4 Numbers			Each
10	Providing and fixing anodized aluminium sliding door bolts anodized transparent or dyed to required colour and shade with necessary screws etc. completed including entire carriage of materials within all leads, lifts and other incidentals	4 Numbers			Each
11	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete, as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals	36.20 Square metres			Per square metre
12	Painting (Two or more coats) with synthetic enamel paint of approved brand and manufacture to give an even shade complete, as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	36.20 Square metres			Per square metre
13	Repair of aluminium doors complete, as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals	9.00 Numbers			Each
TOTAL :-					

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

Schedule of Quantity

ESTIMATED COST :- ₹ 342722.00
 EARNEST MONEY :- ₹ 6900.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK : Construction of link road Malan to Garh Mata Mandir in Distt Kangra (HP)
 SUB HEAD Construction of 2.00mtr span RCC slab culvert at RD 0/070

S. No.	Description of items	Qty	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metres) 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 soils as directed, within a lead of 50m (fifty meters), dressing of sides and bottom and backfilling in trenches with excavated suitable material as directed by the Engineer-Incharge, including carriage of materials within all leads lifts and other incidentals.	18.15 Cubic metres			Per cubic metre	
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) 20mm (Twenty 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.	30.95 Cubic meters			Per cubic metre	
3	Providing and laying in position specified grade of reinforced cement concrete, including the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : One and Half coarse sand: Three graded stone aggregate 20 mm (Twenty millimetre) nominal size complete as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals.	9.24 Cubic meters			Per cubic metre	
4	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level : Thermo-Mechanically Treated bars of grade Fe-500D or more as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals.	1192.80 Kilogram			Per kilo gram	
TOTAL :-						


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

Schedule of Quantity

ESTIMATED COST: -Rs. 491750.00
 EARNEST MONEY: -Rs. 9850.00
 TIME LIMIT: - ONE MONTH

NAME OF WORK:- Annual repair and maintenance of Nagrota Baldhar Dhaloon road in Distt Kangra (H.P.).
 SUB HEAD:- Improvement and profile correction of road in Km 1/000 to 1/150

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.	3 150.00 Square meters	4	5	6 Per square metre	7
2	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.	35.00 Cubic metres			Per Cubic metres	
TOTAL:-						

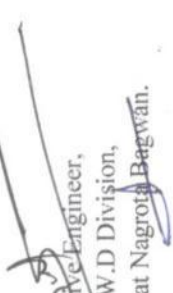

 Executive Engineer,
 H.P.R.W.D Division,
 Tanda at Nagrota Bagwan.

Schedule of Quantity

ESTIMATED COST: -Rs. 372400.00
 EARNEST MONEY: -Rs. 7450.00
 TIME LIMIT: - ONE MONTH

NAME OF WORK:- Annual repair and maintenance of Nagrota Chahri Pathiar road in Distt Kangra (H.P.).
 SUB HEAD: - *Improvement and profile correction of road in Km 0/000 to 0/100*

Sr. No.	Description	Quantity	Rate		Unit	Amount
			In fig.	in words		
1	2 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.	3 1330.00 Square meters	4	5	6 Per square metre	7
TOTAL:-						-


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

Schedule of Quantity

ESTIMATED COST: - Rs. 499875.00
 EARNEST MONEY: - Rs. 10000.00
 TIME LIMIT: - THREE MONTHS

NAME OF WORK: - A/R & M/O on various roads under Nagrota Sub-Division, HPPWD Nagrota Bagwan in Distt. Kangra (H.P.).

SUB HEAD: - Providing and laying cement concrete pavement and grating 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 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) (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.	37.50 Cubic meters			Per cubic metre	
2	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including entire carriage of materials within all leads, lifts and other incidentals.	2574.10 Kilogram			Per kilo gram	
TOTAL :-						


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

SCHEDULE OF QUANTITY

ESTIMATED COST: - ₹ 183217.00
 EARNEST MONEY :- ₹ 3700.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of Community Centre at Kandi Dolran at Baroh in Distt. Kangra (H.P.)

SUB-HEAD :- Construction of Civil 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 fixing 6mm (Six millimetres) thickness cement plaster to ceiling in cement mortar 1:3 (One cement : Three Sand) and as directed by the Engineer-in-Charge including carriage of materials within all leads, lifts and other incidentals.	63.63 Square metres			Per square metre	7
2	15mm (Fifteen millimetres) with cement mortar 1:5 (One Cement: Five Sand) cement plaster in single coat on the rough side of brick/ concrete/stone walls for interior plastering upto floor two level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth as per approved drawing, design and as directed by the Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals.	59.87 Square metres			Per square metre	
3	15mm (Fifteen millimetres) thick cement plaster in single coat on fair side of brick/concrete/stone walls for interior plastering upto all floor levels including arises internal rounded angles, chamfers and or rounded angles not exceeding 80mm (Eighty millimetres) in girth and finished even and smooth with cement mortar 1:6 (One cement: Six sand) including entire carriage of materials within all leads, lifts and other incidentals	96.90 Square metres			Per square metre	
4	15mm (Fifteen millimetres) thick cement plaster in single coat on rough side of brick/concrete/stone walls for interior plastering upto all floor levels including arises internal rounded angles, chamfers and or rounded angles not exceeding 80mm (Eighty millimetres) in girth and finished even and smooth with cement mortar 1:6 (One cement: six sand) complete including entire carriage of materials as per directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	96.90 Square metres			Per square metre	
5	Boulder/Stone filling dry hand packed under flooring including consolidation complete, as directed by the Engineer-In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	6.02 Cubic metres			Per cubic metre	
6	Providing and laying cement concrete 1:6:12 (One cement; Six sand; Twelve graded broken/crushed stone aggregate 40mm (Forty millimetres) nominal size) mechanically mixed and curing complete excluding cost of forms work in foundation and plinth, as per directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	6.02 Cubic metres			Per cubic metre	
7	Providing and laying Duro stone vetrified tiles IS make 450x450mm/300x300x10mm (Four hundred fifty into Four hundred fifty / Three hundred into three hundred into ten millimetres) nominal size of approved shade in flooring, treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1 cement : 3 sand) and jointed with neat cement slurry finished with flush pointing in white cement mixed with pigment of required shade to match the shade of tiles complete including carriage within all leads, lifts and other incidentals.	48.18 Square metres			Per square metre	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
8	Providing and fixing plain M.S. grills of required pattern in steel frames of windows etc with M. S flat, square or round bars with round hooks complete including entire carriage of materials as per directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	89.36 Kilo-grams			Per kilo-gram	
9	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled iron butt hinges with necessary screws. 40mm thick 2nd class deodar wood complete as per specification, approved drawing, design as per entire satisfactions and direction of Engineer-in-charge including carriage of material within all leads, lifts and other incidentals.	7.18 square meters			Per square metre	
10	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestory windows including bright finished black enamelled iron hinges with necessary screws 40mm thick 2nd class deodar wood, complete as per specification, approved drawing, design as per entire satisfactions and direction of Engineer-in-charge including carriage of material within all leads, lifts and other incidentals.	7.18 square meters			Per square metre	
11	Applying priming coat over new steel & other metal surfaces after & including preparing the surface by thoroughly cleaning oil grease dirt and other foreign matter and scoured with wire brushes fine steel wool scrapers and sand paper complete including entire carriage of materials within all leads lifts and other incidentals and as directed by the Engineer-in-Charge.	5.02 Square metres			Per square metre	
12	Painting two coats (excluding priming coat) on new steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surfaces of all dirt, dust and other foreign matter enamel paint other than white complete including entire carriage of materials within all leads lifts and other incidentals and as directed by the Engineer-in-Charge.	5.02 Square metres			Per square metre	
13	Applying priming coat over new wood and wood based surfaces after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter) sand papering and knotting with ready mixed paint brushing wood primer pink 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.	28.72 Square metres			Per square metre	
14	Painting two coats (excluding priming coats) on new wood and wood based surfaces with enamel paint other than white paint brushing to give an any shade including cleaning the surfaces of all dirt, dust and other foreign matters sand papering and stopping within all leads, lifts of materials and other incidentals.	28.72 Square metres			Per square metre	
15	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete, complete including entire carriage of materials as per directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	210.09 Square metres			Per square metre	
16	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equarled on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly cleaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth complete within all leads, lifts of materials and other incidentals .	210.09 Square metres			Per square metre	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
I	2	3	4	5	6	7
17	Providing and fixing 250x16mm (Two hundred fifty into Sixteen millimetres) size anodized aluminium sliding door bolts anodized transparent or dyed to required colour and shade with necessary screws etc. complete as directed by the Engineer-In-Charge, including entire carriage of materials within all leads, lifts and other incidentals.	1 Number			Each	
18	Providing and fixing aluminium handles anodized transparent or dyed to required colour and shade with necessary screws etc; and as directed by the Engineer-in-Charge including carriage of materials within all leads, lifts and other incidentals.					
I	125mm (One hundred twenty five millimetres) nominal size	4 Numbers			Each	
II	75mm (Seventy five millimetres) nominal size	12 Numbers			Each	
19	Providing and fixing anodized aluminium Tower bolts (Barrel type) anodized transparent or dyed to required colour and shade with necessary screws etc. complete and as directed by the Engineer-in-Charge including carriage of materials within all leads, lifts and other incidentals.					
I	150x10mm (One hundred fifty into ten millimetres) nominal size	4 Numbers			Each	
II	100x10mm (One hundred into ten millimetres) nominal size	24 Numbers			Each	
20	Providing and fixing oxidized 200mm (Two hundred millimetres) size oxidized M.S. hooks and eyes complete with necessary screws etc; complete and as directed by the Engineer-in-Charge including carriage of materials within all leads, lifts and other incidentals.	6 Numbers			Each	
21	Providing plinth protection 50mm (Fifty millimetres) thick cement concrete 1:3:6 (One cement: Three sand: Six graded crushed stone aggregate 20mm (Twenty millimetres) nominal size) including finishing the top surfaces of concrete smooth including entire carriage of materials within all leads, lifts and other incidentals	10.55 Square metres			Per square metre	
22	Providing under layer for plinth protection of 75mm (Seventy five millimetres) thick(un-consolidated)bed of dry brick/stone aggregate 40mm (Forty millimetres) nominal sizes well rammed and consolidated and grouted with fine sand including preparation of ground including carriage of material within all leads, lifts of materials and other incidentals as per specification approved drawing, design and as directed by the Engineer-In-Charge.	10.55 Square metres			Per square metre	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
I	2	3	4	5	6	7
23	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 800, 803, 1202 and 1203 in cement mortar 1:3:6 (One cement: three sand: Six graded broken/crushed stone aggregate 20mm (Twenty millimeters) nominal size PCC grade M-10 (M-ten) as directed by the Engineer-In-Charge including carriage of materials within all leads, lifts and other incidentals.	2.54 Cubic meters			Per cubic metre	
24	Providing and laying matt finished vetrified tiles 605x605x8mm (Six hundred five into Six hundred five into eight millimeters) thick in grey/coloured or of approved shade in skirting, treads of steps and landing laid on a bed of 12mm (Twelve millimeters) thick cement mortar 1:3 (One cement : three sand) laid over and jointed with neat cement slurry finished with flush pointing in white cement mixed with pigment of required shade to match the shade of tiles complete.including entire carriage of materials within all leads, lifts and other incidentals	3.15 Square metres			Per square metre	
25	Providing and fixing 100mm (One hundred millimetres) diametres on wall face rain water pipes of 4.5 kgs/sqm (Four point five kilograms per square metre) working pressure class B PVC D-Plast ISI mark of hight density pipe for rain water pipe fixed with approved adhesive including filling the joints complete including entire carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	8.00 Running metres			Per running metre	
26	Providing and fixing on wall face PVC (D-Plast) accessories for rain water pipes including necessary fitting complete and as per approved drawing, design including carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.					
I	PVC bend 100mm (One hundred millimetre) diametre/nominal size	2 Numbers			Each	
II	PVC shoe 100mm (One hundred millimetre) diametre/nominal size	2 Numbers			Each	
TOTAL :-						


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

Schedule of Quantity

ESTIMATED COST: -Rs. 302918.00
 EARNEST MONEY : -Rs. 6100.00
 TIME LIMIT :- TWO MONTHS

NAME OF WORK:- Construction of link road from Kandi to Patrood in Distt Kangra (H.P.).
 SUB HEAD: - Providing and laying tarring work in Km 0/615 to 0/875

Sr. No.	Description	Quantity	Rate		Unit	Amount
			In fig.	in words		
1	2	3	4	5	6	7
1	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.	859.95 Square metres			Per Square metre	
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.	859.95 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-In-charge, within all leads, lifts of materials and other incidentals as per the entire satisfaction and direction of Engineer-in-Charge.	859.95 Square metres			Per Square metre	
TOTAL: -						


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

Schedule of Quantity

ESTIMATED COST: -Rs. 498088.00
 EARNEST MONEY: -Rs. 10000.00
 TIME LIMIT: - ONE MONTH

NAME OF WORK:- A/R & M/O on Sadoon Akrana road Km 0/000 to 3/000 in Distt Kangra (H.P.).
 SUB HEAD: - Repair of pot holes by providing WBM patches and premix carpet between Km 0/000 to 3/000

Sr. No.	Description	Quantity	Rate		Unit	Amount
			In fig.	in words		
1	Maintenance of WBM road including filling up of pot holes, ruts and rectifying corrugated surface, damaged edges and ravelling as per technical specification Clause 1906 as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidental.	3	4	5	6	7
		90.58			Per square metre	
		Square meters				
2	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause 1904.2 as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidental.	1985.55			Per square metre	
		Square meters				
TOTAL: -						


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

Schedule of Quantity

ESTIMATED COST :- ₹ 240360.00
 EARNEST MONEY :- ₹ 4850.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- A/R & M/O on Vol to 53 Miles road Km 0/000 to 10/555 in Distt. Kangra (H.P.).

SUB-HEAD :- Construction of U-Shape drain at RD 5/600 to 5/725

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	2	3	4	5	6	7
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm 9Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals.	68.75 Cubic meters			Per cubic metre	
3	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.	40.63 Cubic metres			Per cubic metre	
TOTAL :-						


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

Schedule of Quantity

ESTIMATED COST: - Rs. 371813.00
 EARNEST MONEY :- Rs. 7450.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- A/R & M/O on Nagrota Chahri Pathiar road Km 0/000 to 4/250 in Distt. Kangra (H.P.).

SUB HEAD :- Construction of Retaining wall at RD 0/676 to 0/699

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	2	3	4	5	6	7
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm 9Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals.	33.58 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-Incharge including carriage of material within all leads, lifts and other incidentals.	70.84 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.	50 Numbers			Each	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	15.18 Cubic metres			Per cubic metre	
TOTAL :-						


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

SCHEDULE OF QUANTITY

ESTIMATED COST:- Rs. 497695.00
EARNEST MONEY :- Rs. 4200.00
TIME LIMIT : THREE MONTHS

WORK :- Restoration of rain damages on Mangrella Luhna Har road in Distt. Kangra (H.P.)
HEAD :- Construction of Breast wall at RD 0/375 to 0/385 & 0/465 to 0/475.

Description of items	Quantity	Rate		Unit	Amount
		In fig.	In words		
2	3	4	5	6	7
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.	43.99 Cubic meters			Per cubic metre	
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-Incharge including carriage of material within all leads, lifts and other incidentals.	104.04 Cubic metres			Per cubic metre	
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.	34.04 Running metre			Per running metre	
TOTAL:-					

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

Schedule of Quantity

ESTIMATED COST: - Rs. 158571.00
 EARNEST MONEY: - Rs. 3200.00
 TIME LIMIT: - THREE MONTHS

NAME OF WORK :- Restoration of rain damages on Touru Bha Chaprehar road Km 0/000 to 5/000 in Distt. Kangra (H.P.).

SUB HEAD :- Construction of Breast wall at RD 1/660 to 1/675

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-Incharge including carriage of material within all leads, lifts and other incidentals.	21.45 Cubic meters			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-Incharge including carriage of material within all leads, lifts and other incidentals.	39.15 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.	33.88 Running metres			Per running metre	
TOTAL :-						

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