

**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 **23.08.2022** 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 **22.08.2022** up to **4:00 P.M** and the application for issue of tender form shall be received on **20.08.2022** 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	Various Development works under Nagrota Bagwan Constituency in Distt Kangra (HP) Deposit work(SH:-Providing and laying cement concrete pavement road , Interlocking paver block and C/o road side drain including edge walls etc;(Baldhar & Massal Section)	499666/-	10000/-	Two months
2	Providing way road side facilities on Mumta road in Distt Kangra (HP) (SH:-Providing and fixing steel truss and prepainted sheet roofing etc; to existing platform / Rain Shelter at RD 0/000).	132720/-	2780/-	Two months
3	Various Development works under Nagrota Bagwan Constituency in Distt Kangra (HP) Deposit work(SH:-Providing and laying cement concrete pavement road , Interlocking paver block and C/o road side drain including edge walls etc;(Under Nagrota & Dadh Section)	499666/-	10000/-	Two months
4	Construction of Sarotari Mangrella Luhna Baroh road Km 0/000 to 7/765 in Distt Kangra (HP) (SH:-Removal of formation deficiencies/widening of road by formation cutting 6/300 to 6/900)	499991/-	10000/-	one month
5	Restoration of rain damages on Guglahar to Patola road in Distt Kangra (HP) (SH:-Improvement of road width by providing retaining wall at RD 1/400 to 1/408)	104891/-	2100/-	Three months
6	Construction of Kandi to Thill road in Distt Kangra (HP) (SH:-Construction of road side parapets at various reaches between Km 0/000 to 1/000).	198471/-	4000/-	Two months
7	Restoration of rain damages near the house of Sh Desh Raj & Sh Harnam Singh House Bhaloona in G.P. Sarotari in Distt Kangra (HP) (SH:-Construction of retaining wall) Deposit work	201699/-	4050/-	Two months
8	Restoration of rain damages on Kandi Rihri Har road Km 0/000 to 7/400 in Distt Kangra (HP) (SH:-Improvement of road width by providing retaining wall at RD 5/240 to 5/250)	204099/-	4100/-	Three months
9	Restoration of rain damages on link road Ward no 1 SC Basti Tikka in Gram Panchayat Suhni in Distt Kangra (HP) Deposit work (SH:-Improvement of road width by providing retaining wall at RD 0/155 to 0/170	289994/-	5800/-	Three months
10	Construction of Samloti to Sarotari road Km0/000 to 4/600 in Distt Kangra (HP) Deposit work (SH:-Protection work to existing culvert by providing Toe wall at RD 1/600 C/O Retaining wall at RD 3/605 to 3/617 and C/O road side parapets at various reaches between Km 3/000 to 4/600).	353307/-	7100/-	Three months
11	Construction of link road from NH-303 to Gulwant Spehia House village Bhadrehar in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement road and wing wall of culvert).	291941/-	5850/-	Three months
12	Constrtuction of link road from Nagrota Pathiar via Chahri road Km 0/000 to 4/135 in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement road Earth filling and C/O round about at RD 0/000 to 0/140).	499890/-	10000/-	Three months



13	Special repair to Type-III Qtrs for Dr and Nursing near Dharoon Khad in Dr R.P. Govt. Medical College at Tanda in Distt Kangra (HP) (Deposit work) (SH:-Construction of Cattle Trap & drain etc;)	439442/-	8800/-	Three months
14	Construction of Ramehar Tangroti Dhaloon road Km 3/000 to 5/500 in Distt Kangra (HP) (SH:-Construction of U-shape drain between Km 3/000 to 3/450).	494678/-	9900/-	Two months
15	A/R & M/O on Nagrota Pathiar via Chahri road Km 0/000 to 4/135 in Distt Kangra (HP) (SH:-Construction of Edge wall in Km 2/750 to 2/800(Ht. 1.50mtrs L/S)	293292/-	5900/-	Two 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.

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

### HIMSUCHANA AVAM & JAN SAMPARK

(On behalf of Governor of Himachal Pradesh)

No.PW/NBD/Tender/2022/ 6990-7020

Dated/ 10/8/2022

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

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


### Schedule of Quantity

ESTIMATED COST:- Rs. 499666.00  
EARNEST MONEY:- Rs. 10000.00  
TIME LIMIT : TWO MONTHS

**NAME OF WORK :-** Various Development works under Nagrota Bagwan Constituency in Distt. Kangra (H.P.), Deposit Work.  
**SUB HEAD :-** Providing and laying Cement Concrete Pavement road, Interlocking Paver Block and C/O road side drain including edge walls etc; (Bidding Section)

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
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 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.	3	4	5	6	7
1		18.15			Per cubic metre	
2	Providing, laying, spreading and compacting stone aggregate size 90mm to 45mm ( ninety millimeter to forty five millimeter) Grading-1 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 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 directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	20.18			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 H.P.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	12.15			Per cubic metre	
4	Providing and laying concrete for plain reinforcement concrete in open foundation in centering and shuttering 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 H.P.PWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals.	26.70			Per cubic metre	

5	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.	200.00	Square metres			Per Square metre	
<b>TOTAL :-</b>							

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




**SCHEDULE OF QUANTITY**

ESTIMATED COST: - ₹ 132720.00  
EARNEST MONEY:- ₹ 2700.00  
TIME LIMIT :- TWO MONTHS

**NAME OF WORK :-** Providing way road side facilities on Samloti Mumta road in Dist. Kangra (H.P.).

**SUB-HEAD :-** Providing and fixing steel truss and pre-painted steel roofing etc; to existing platform/Rain Shelter at RD 0/000

S. No.	Description of items	Quantity	RATES		Unit	Amount
			In fig	In words		
1	Providing and fixing 0.60mm (Zero decimal Six Zero milimetres) thick steel sheet of Durashine/Sail/Reliance/Jindal 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 10 (Ten) microns over 5 (Five) microns primer coating including fixing with pre-painted iron J or L hooks, bolts and nuts 6mm (Six milimetres) diametres with pre-painted limpet and rubber washers complete with all accessories as required complete 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.	39.00 Square metres	4	5	Per square metre	7
2	Providing and fixing factory made ridges or hips 60cm overall with 0.60mm thick pre-painted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 microns over 5 microns primer coating to back coat of polyester of 5 microns over 5 microns primer coating including fixing with pre-painted iron J or L hooks, bolts and nuts 6mm dia metre with pre-painted limpet and rubber washers complete with all accessories as required complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	18.00 Running metres			Per running metre	
3	Providing and fixing M.S. B.P. sheet 1.66 mm to 2mm thick in eaves board/facia/soffits/ ceiling including cutting, Fixing and welding to seal roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in-charge (Base members of steel work shall be measured & paid separately) complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	11.04 Square metres			Per square metre	
4	Structural steel work of Tata / Sail / Reliance/Jindal riveted, bolted or welded in tubular/Channel/Angle in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all 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.	468.00 Kilograms			Per kilogram	
5	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm (Zero point nine zero liters per ten square metre) over an under coat of primer applied @ 0.80 ltr/10 sqm (Zero point eight zero liters per ten square metre) of approved brand and manufacture as per specifications, drawing and design including carriage of material within all leads, lifts and other incidentals and as directed by the Engineer-in-charge.	14.04 Square metres			Per square metre	
<b>Total :-</b>						

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

### Schedule of Quantity

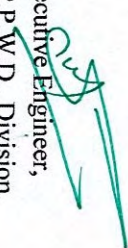
ESTIMATED COST :- Rs. 499666.00  
EARNEST MONEY :- Rs. 10000.00  
TIME LIMIT : TWO MONTHS

**NAME OF WORK :-** Various Development works under Nagrota Bagwan Constituency in Distt. Kangra (H.P.). Deposit Work. (under Nagrota & Daeth Section)  
**SUB HEAD :-** Providing and laying Cement Concrete Pavement road, Interlocking Paver Block and C/O road side drain including edge walls etc;

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
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 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.	18.15 Cubic meters			Per cubic metre	
2	Providing, laying, spreading and compacting stone aggregate size 90mm to 45mm ( ninety millimeter to forty five 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 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 directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	20.18 Cubic metres			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 H.P.PWD technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	12.15 Cubic metres			Per cubic metre	
4	Providing and laying concrete for plain reinforcement concrete in open foundation in centering and shuttering 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.	26.70 Cubic meters			Per cubic metre	



5	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.	200.00	Square metres					
<b>TOTAL :-</b>								

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

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Schedule of Quantity

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

NAME OF WORK :- Construction of Sarotari Mangrella Luhna Baroh road Km 0/000 to 7/765 in Distt. Kangra (H.P.)  
SUB-HEAD :- Removal of formation deficiencies/widening of road by formation cutting 6/300 to 6/900

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
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 <u>169.66 Cum (One Hundred Sixty Nine point Sixty Six)</u> cubic metres quantity at the rate of <u>300/- (Three Hundred)</u> 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.	2584.60 Cubic meters	4	5	6 Per cubic metre	7
<b>TOTAL:-</b>						

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



### Schedule of Quantity

ESTIMATED COST :- Rs. 104891.00  
EARNEST MONEY :- Rs. 2100.00  
TIME LIMIT : THREE MONTHS

**NAME OF WORK :-** Restoration of rain damages on Guglahar to Patola road in Dist. Kangra (H.P.).  
**SUB HEAD :-** Improvement of road width by providing Retaining wall at RD 1/400 to 1/408

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
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 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.	3 13.34 Cubic meters	4	5	6 Per cubic 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 1:5:10 (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.	25.23 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.	12.00 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, granular material complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	7.39 Cubic metres			Per cubic metre	
<b>TOTAL :-</b>						

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

# Schedule of Quantity

ESTIMATED COST:- Rs. 198471.00  
EARNEST MONEY :- Rs. 4000.00  
TIME LIMIT : TWO MONTHS

NAME OF WORK :- Construction of Kandi to Thill road in Distt. Kangra (H.P.). Deposit work  
SUB HEAD :- Construction of road side parapets at various reaches between Km 0/000 to 1/000

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
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 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.	14.36 Cubic meters	4	5	Per cubic metre	7
2	Providing concrete for plain/reinforced concrete in substructure complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 in 1:2.5:5 (One cement : Two and half sand : five graded) broken/crushed stone aggregate 20mm (Twenty millimeters) nominal size PCC grade M-15 (M-Fifteen), as directed by the Engineer-in-charge including carriage of materials within all leads, lifts and other incidentals.	40.69 Cubic metres			Per cubic metre	
TOTAL :-						

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



### Schedule of Quantity

ESTIMATED COST: - Rs. 201699.00  
EARNEST MONEY: - Rs. 4050.00  
TIME LIMIT : TWO MONTHS

**NAME OF WORK :-** Restoration of rain damages near the House of Sh. Desh Raj & Sh. Harnam Singh House Bhalaona in G.P. Sarotari in Dist. Kangra (H.P.).  
**SUB HEAD :-** Construction of Retaining wall.

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 (Ten 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.	21.00 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 H.P.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	47.28 Cubic metres			Per cubic metre	
3	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	30.14 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, granular material complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	14.04 Cubic metres			Per cubic metre	
<b>TOTAL :-</b>						

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



### Schedule of Quantity

ESTIMATED COST :- Rs. 204099.00  
EARNEST MONEY :- Rs. 4100.00  
TIME LIMIT : THREE MONTHS

**NAME OF WORK :-** Restoration of rain damages on Kandi Rihri Har road Km 0/0000 to 7/400 in Distt. Kangra (H.P.).  
**SUB HEAD :-** Improvement of road width by providing Retaining wall at RD 5/240 to 5/250.

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
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 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.	19.20 Cubic meters	4	5	6 Per cubic 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 1:5:10 (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.	47.54 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.	24.00 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, granular material complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	24.00 Cubic metres			Per cubic metre	
<b>TOTAL :-</b>						

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



### Schedule of Quantity

ESTIMATED COST: - Rs. 289994.00  
EARNEST MONEY: - Rs. 5800.00  
TIME LIMIT: - THREE MONTHS

**NAME OF WORK :-** Restoration of rain damages on link road Ward No-1 S.C. Basti Tikka Tikri in Gram Panchayat Sunhi in Distt. Kangra (H.P.), **Deposit work**  
**SUB HEAD :-** Improvement of road width by providing Retaining wall at RD 0/155 to 0/170.

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
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 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.	28.80 Cubic meters	4	5	6 Per cubic 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 1:5:10 (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.	71.31 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.	39.00 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, granular material complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	13.86 Cubic metres			Per cubic metre	
<b>TOTAL :-</b>						

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

### Schedule of Quantity

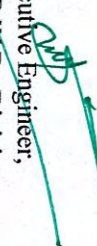
ESTIMATED COST: -      Rs.      353307.00  
EARNEST MONEY :-      Rs.      7100.00  
TIME LIMIT :      THREE MONTHS

**NAME OF WORK :-** Construction of Samloti to Satotari road Km 0/000 to 4/600 in Distt. Kangra (H.P.). Deposit work  
**SUB HEAD :-** Protection work to existing culvert by providing Toe wall at RD 1/600, C/O Retaining wall at RD 3/605 to 3/617 and C/O road side parapets at various reaches between Km 3/000 to 4/6000

S. No.	Description of Items	Quantity	Rate		Unit	Amount
			In fig.	In words		
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 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.	36.76 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.	12.60 Cubic metres			Per cubic metre	
3	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.	37.85 Cubic metres			Per cubic metre	
4	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.	20.00 Running metres			Per running metre	
5	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.	11.09 Cubic metres			Per cubic metre	



6	Providing concrete for plain/reinforced concrete in substructure complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 in 1:2.5:5 (One cement : Two and half sand : five graded) broken/crushed stone aggregate 20mm (Twenty millimeters) nominal size PCC grade M-15 (M-Fifteen), as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	28.31	Cubic metres				
<b>TOTAL :-</b>							

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



### Schedule of Quantity

ESTIMATED COST :- Rs. 291941.00  
EARNEST MONEY :- Rs. 5850.00  
TIME LIMIT : THREE MONTHS

**NAME OF WORK :-** Construction of link road from NH-303 to Gulwant Spehia House village Bhadrehar in Distt. Kangra (H.P.)  
**SUB HEAD :-** Providing and laying cement concrete pavement road and wing wall of culvert.

S. No.	Description of items	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.	14.04 Cubic meters			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) 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.	16.03 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.	7 Numbers			Each	
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) as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals.	35.29 Cubic meters			Per cubic metre	
<b>TOTAL :-</b>						

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



### Schedule of Quantity

ESTIMATED COST:- Rs. 499890.00  
EARNEST MONEY:- Rs. 10000.00  
TIME LIMIT : THREE MONTHS

**NAME OF WORK :-** Construction of link road from Nagrota Pathar via Chahri road Km 0/000 to 4/135 in Dist. Kangra (H.P.).  
**SUB HEAD :-** Providing and laying Cement Concrete Pavement road, Earth filling and C/O Round About at RD 0/000 to 0/140.

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 (Ten 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.	37.26 Cubic metres			Per cubic metre	
2	Construction of embankment with approved materials obtained from borrow pits with a lift upto 1.5m (One point five meters) transport to sill spreading grading to required slope and compacted to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000m (One thousand meters) as per Technical Specification Clause 301.5, including entire carriage of materials within all leads, lifts and other incidentals.	16.20 Cubic metres			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-In-charge including carriage of material within all leads, lifts and other incidentals.	16.20 Cubic metres			Per cubic metre	
4	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) <b>Grading-II</b> 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.	10.33 Cubic metres			Per Cubic metres	

5	Providing and laying concrete for plain reinforcement concrete/sub structure in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:1.5:3 (One cement : One and Half sand : Three graded/crushed stone aggregate) 20mm (Twenty 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.	45.80	Cubic metres				Per cubic metre	
6	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:4:8 (One Cement : Four coarse sand) : Eight graded stone aggregate 40 mm (Forty millimetres) nominal size as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	4.06	Cubic metres				Per cubic metre	
7	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.	158.15	Kilogram				Per kilogram	
8	Painting Steel work with Deluxe Multi Surface Paint of asian/Nerolac to give an even shade (Two or more coats) applied @ 0.90 ltr/ 10 sqm (Zero point nine zero liters per ten square metre) over an under coat of primer applied @ 0.80 ltr/10 sqm (Zero point eight zero liters per ten square metre) of approved brand and manufacture as per specifications, drawing and design including carriage of material within all leads, lifts and other incidentals and as directed by the Engineer-in-charge.	15.70	Square metres				Per square metre	
9	Providing and fixing precast RCC kerb stone of size 20x27x40cm in RCC 1:2:4 (One cement : two sand : four graded stone aggregate 20mm (Twenty millimetres) nominal size and curing complete including form work etc; kerbs steps and the like as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	200.00	Numbers				Per cubic metre	
10	Providing and fixing precast hydraulic made cement concrete 1:2:4 (One cement : two sand : four graded stone aggregate 20mm (Twenty millimetres) nominal size channel size 300x300x75mm (Three hundred into three hundred into seventy five millimetre) size to be fixed in 6mm (Six millimetre) thick cement mortar 1:3 (One cement : three sand) and cement pointing with cement mortar 1:1.5:3 (One cement : One and Half sand : Three graded/crushed stone aggregate) density 2.2of N/mm <sup>2</sup> complete including form work etc; kerbs steps and the like as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	140.00	Running metres				Per running metre	
<b>TOTAL :-</b>								

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



**SCHEDULE OF QUANTITY**


ESTIMATED COST :- ₹ 439442.00  
 EARNEST MONEY :- ₹ 8800.00  
 TIME LIMIT :- THREE MONTHS

**NAME OF WORK :-** Special repair to Type-III Qtrs for Dr. and Nursing near Dharon Khad in Dr. R.P. Govt. Medical College at Tanda in Dist. Kangra (H.P.) (Deposit work).

**SUB-HEAD :-** Construction of Cattle Trap & Drain etc;

S. No.	Description of Items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Demolishing cement concrete manually/ by mechanical means Nominal concrete 1:3:6 or richer mix (including equivalent design mix) including disposal of material upto any lead as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals	4.84 Cubic metres			Per cubic metre	
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed All kinds of soil complete, as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals	17.13 Cubic metres			Per cubic metre	
3	Providing form work with steel plates of 3.15mm (Three decimal fifteen millimeters) thick, welded with angle iron in frames of 30x30x5mm (Thirty into Thirty into Five millimeters), so as to give a fair finish including centring, shuttering strutting and propping etcetera, with wooden battens and ballies for all heights and removal of the same for in-situ reinforced concrete and plain concrete work in Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses filets, kerbs and steps etc; including carriage of material within all leads, lifts and other incidentals as per approved drawing, design, specifications and as directed by the Engineer-In-charge.	17.76 Square metres			Per square 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) 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.	10.79 Cubic metres			Per cubic metre	
5	Providing and laying cement concrete flooring 40mm (Forty millimetre) thick with 20mm (Twenty millimetre) nominal size stone aggregate 1: 2:4 (One cement : Two coarse sand : Four graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. 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.	16.13 Square metres			Per square metre	
6	Providing and laying in position concrete of specified grade including the cost of centring and shuttering - All work up to plinth level 1:3:6 (One Cement : Three coarse sand : Six graded stone aggregate 20mm (Twenty millimetres) nominal size as per HPPWD technical specification and within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-charge.	4.86 Cubic metres			Per cubic metre	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
7	Steel work welded in built up sections/ framed work of 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.	961.00 Kilogram			Per kilo gram	
8	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc: (heavy duty) TATA/JINDAL and as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals					
i	100mm (One hundred milimetres) diameters/nominal bore	33.75 Numbers			Each	
ii	125mm (One hundred twenty five milimetres) diameters/nominal bore	67.50 Numbers			Each	
TOTAL :-						

  
 Executive Engineer,  
 H.P.P. W.D., Division,  
 Tanda at Nagdeviya Bagawan.



Schedule of Quantity

ESTIMATED COST: - ₹ 494678.00  
 EARNEST MONEY: - ₹ 9900.00  
 TIME LIMIT : TWO MONTHS

**NAME OF WORK :-** Construction of Ramchar Tangroti Dhaloon road Km 3/000 to 5/500 in Distt. Kangra (H.P.).  
**SUB-HEAD :-** Construction of U-Shape drain between Km 3/000 to 3/450

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 (Ten 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.	180.00 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.	81.56 Cubic metres			Per cubic metre	
<b>TOTAL :-</b>						


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

# Schedule of Quantity

ESTIMATED COST :- Rs. 293292.00  
EARNEST MONEY :- Rs. 5900.00  
TIME LIMIT : TWO MONTHS

NAME OF WORK :- A/R & N/O on Nagrota Pathiar via Chahri road Km 0/000 to 4/135 in Distt. Kangra (H.P.)  
SUB HEAD :- Construction of Edge wall in Km 2/750 to 2/800 (Ht. 1.50mts L/S).

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	2	3	4	5	6	7
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto 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.	29.25 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.	52.50 Cubic metres			Per cubic metre	
TOTAL :-						

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