

**HIMACHAL PRADESH  
PUBLIC WORKS DEPARTMENT**

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 **05.08.2023** up to **11:00 A.M.** And the same shall be opened on the same day at **04:00 P.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 **04.08.2023** up to **4:00 P.M** and the application for issue of tender form shall be received on **03.08.2023** 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. N.	Name of work	Estimated Cost	Earnest Money	Time limit
1	Construction of link road from Karlu to Nariyalkar in Distt Kangra (HP) (SH:- Construction of 900mm dia Hume pipe culvert alongwith wing wall at RD 01/150, 0/260 & 0/370).	498058/-	10000/-	Two months
2.	Construction of link road to village Ranhun in Gram Panchayat Kawari in Tehsil Nagrota Bagwan Distt Kangra (HP) (Under Telecom deposit ) (SH:-Construction of Edge wall at RD 0/000 to 0/010, 0/250 to 0/265, 0/310 to 0/330 providing and laying cement concrete pavement and C/o 900mm dia Hume pipe culvert etc;)	293015/-	5900/-	Two months
3.	Restoration of rain damages on link road Massal to Parmar Basti Km 0/000 to 2/000 in Distt Kangra (HP) (SH:-Construction of 1.00 mtr span culvert with grating at RD 0/840 & Both side Edge wall at RD 0/831 to 0/839 & 0/841 to 0/849).	303995/-	6100/-	two months
4.	Construction of link road from NH-154 to Hatwas in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement on road side Berms, C/O U-shape drain and Edge wall etc;)	269231/-	5400/-	Two months
5.	Restoration of rain damages on link road from Mundla to Tikka Dhar to link road village Lilly and Amtrar Km 2/900 to 5/660 in Distt kangra (HP) (SH:-Construction of retaining wall at RD 4/750 to 4/775).	499205/-	10000/-	Three months
6.	Restoration of rain damages on link road from Mundla to Tikka Dhar to link road village Lilly and Amtrar Km 2/900 to 5/660 in Distt kangra (HP) (SH:-Construction of retaining wall at RD 4/775 to 4/800).	499501/-	10000/-	Three months
7.	Annual repair & maintenance of various roads under HP PWD Division at Nagrota Bagwan in Distt Kangra (HP) (SH:-Bush cutting & maintenance of Shoulder & road side drains white washing)	298976/-	6000/-	One months
8.	Restoration of rain damages in various roads under HP PWD Sub-Division Nagrota Bagwan in Distt Kangra (HP) (SH:-Removal of Slips)	499500/-	10000/-	One month
9.	Construction of link road from Kalru to Nariyalkar in Distt Kangra (HP) (SH:-Formation cutting in Km 0/450 to 0/975).	499738/-	10000/-	One month
10.	Special repair to Senior Boys Hostel at Dr RPGMC Tanda in District Kangra (HP) Deposit work) (SH:-Dismantling repair of roofing and painting of roofing in Block A Block B & Central (Mess) Block)	460182/-	9250/-	Three months

11.	Construction of Pucca path from Pamod Singh House to Neembu Three (VKV/2021/24/6 in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement road in Km 0/000 to 0/048 (deposit work)	150255/-	3000/-	Two months
12.	Construction of link road from Sakreh to Damtehar Km 0/000 to 5/000 in Distt Kangra (HP) (SH:-Construction of Breast wall in Km 1/825 to 1/840 * U-shape drain between Km 2/375 to 2/475).	151691/-	3050/-	Two months
13.	Construction for Health Sub-Centre Building at Thana Bargran in Tehsil Baroh Distt Kangra (HP) (SH:-Balance work of building portion including water supply and sanitary installation etc)	134549/-	2709/-	Two months
14.	Restoration of rain damages on Chahri to Khatrehar road Km 0/000 to 2/000 in Distt Kangra (HP) (SH:-Construction of U-shape drain at RD 0/210 to 0/300 (LHS)	143094/-	2900/-	Two months
15.	Construction of 1 No Room for Mela Committee at Sunhi in Distt Kangra (HP) (Deposit work (SH:-Construction of Civil work)	325917/-	6550/-	Three months
16.	Restoration of rain damages on Chahri to Khatrehar road Km 0/000 to 2/000 in Distt Kangra (HP) (SH:-C/O 0.60 mtr span Culvert with grating at RD 0/210).	241007/-	4850/-	Three months

**Terms & Conditions:-**

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

**HIMSUCHANA AVAM & JAN SAMPARK**

(On behalf of Governor of Himachal Pradesh)

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

No.PW/NBD/TA/Tender/NIT/2023-24- 4997-5027 .

Dated/ 24-07-2023

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

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



# Schedule of Quantity

NAME OF WORK :- Construction of link road from Kalra to Nariyalkar in Dist Kangra (H.P.).  
SUB-HEAD :- Construction of 900mm dia Hume pipe culvert alongwith wing wall at RD 0/150, 0/260 & 0/370

ESTIMATED COST :- ₹ 498058.00  
EARNST MONEY :- ₹ 10000.00  
TIME LIMIT :- TWO MONTHS

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 metres) on plan, including dressing of sides and ramming of bottoms, lift upto 1.5m (One point five metre), including getting out the excavated soils as directed, within a lead of 50m (fifty metres), dressing of sides and bottom and backfilling in trenches with excavated suitable material as directed by the Engineer-In-charge, including carriage of materials within all leads lifts and other incidentals.	142.62			Per cubic metre	
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering plain cement concrete 1:3:6 (One Cement : Three coarse sand : Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and HP.PWD technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	10.02			Per cubic metre	
3	Providing concrete for plain/reinforced concrete in substructure complete including the cost of centering and shuttering 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 millimetres) 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.	34.55			Per cubic metre	
4	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.	35.50			Per cubic metre	
5	Providing and laying non-pressure NP2 class R.C.C. hume pipes 900mm (Nine hundred millimetre) dia with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (One cement : Two fine sand) including testing of joints etc; 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.	22.50			Per running metre	
6	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	6.72			Per cubic metre	
7	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	2.48			Per running metre	
8	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, up to any lead and lift as per HP.PWD technical specification and as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	18.53			Per cubic metre	
TOTAL :-						

Executive Engineer,  
H.P.W.D., Division,  
Tanda at Nariyalkar Begawan

# SCHEDULE OF QUANTITY

NAME OF WORK :- Construction of link road to village Ranhun in Gram Panchayat Kawari in Tehsil Nagrota Bagwan Dist. Kangra (H.P.). (Under Telecom Deposit).  
SUB-HEAD :- Construction of Edge wall at RD 0/000 to 0/010, 0/250 to 0/265, 0/310 to 0/330, providing and laying cement concrete pavement and C/O 900mm dia Humne Pipe culvert etc;

ESTIMATED COST :- Rs. 293015.00  
EARNEST MONEY :- Rs. 5900.00  
TIME LIMIT : TWO MONTHS

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
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering. Plain cement concrete 1:3:6 (One Cement : Three coarse sand : Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and HP.PWD technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	12.61			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.	16.90			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-In-charge including carriage of materials within all leads, lifts and other incidentals.	15.00			Per running metre	
5	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) Grading-II size (seventy five millimetres) 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 0.05 cum (zero point zero five 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 incidentals.	17.15			Per cubic metres	
6	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 HP.PWD technical specification and as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	25.22			Per cubic metre	
7	Providing and laying non-pressure NP2 class R.C.C. humne pipes 900mm (Nine hundred millimetre) dia with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (One cement : Two fine sand) including testing of joints etc; 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.	7.50			Per running metre	
TOTAL :-						

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



Schedule of Quantity

ESTIMATED COST : - ₹ 303995.00  
 EARNEST MONEY : - ₹ 6100.00  
 TIME LIMIT : TWO MONTHS

NAME OF WORK : Restoration of Rain Damages on Link Road Massal to Parmar Basti Km 0/000 to 2/000 in Distt. Kangra (H.P.).

SUB HEAD : Construction of 1.00 mtr span culvert with grating at R.d. 0/840 & Both side Edge wall at Rd 0/831 to 0/839 & 0/841 to 0/849

S. No.	Description of items	Qty	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 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.	35.58 Cubic metres			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 H.P.W.D technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	20.78 Cubic metres			Per cubic metre	
3	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 H.P.W.D technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals.	14.28 Cubic metres			Per cubic metre	
5	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 as per H.P.W.D technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals.	1128.00 Kilogram			Per kilogram	
<b>TOTAL :-</b>						

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

# SCHEDULE OF QUANTITY

NAME OF WORK :- Construction of link road from NH-154 to Hatwas in Distt. Kangra (H.P.)

SUB-HEAD :- Providing and laying cement concrete pavement on road side berms, C/O U-shape drain and Edge wall etc;

ESTIMATED COST :- ₹ 269231.00  
EARNEST MONEY :- ₹ 5400.00  
TIME LIMIT : TWO MONTHS

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
2	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two millimetres) nominal size at the rate of 0.22 cum (zero point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 including carriage of materials within all leads and lifts and other incidentals.	5.21			Per Cubic metres	
3	Providing and laying concrete for plain/reinforced concrete 1:3:6 (One cement: three sand: Six graded broken/crushed stone aggregate 20mm(Twenty millimeters) nominal size including the cost of centering and shuttering in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 and 1203 PCC grade M-10 (M-ten) as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	7.31			Per cubic metre	
4	Providing and laying concrete for plain reinforcement concrete in open foundation including the cost of 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 millimeters) thickness as per HPPWD technical specification and as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	7.82			Per cubic metre	
5	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.	1683.44			Per kilo-gram	
TOTAL :-						

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



# Schedule of Quantity

ESTIMATED COST :- Rs. 499205.00  
EARNEST MONEY :- Rs. 10000.00  
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Restoration of rain damages on link road from Mundla to Tikka Dhar to link road village Lilly and Amtrar Km 2/900 to 5/660 in Dist. Kangra (H.P.)  
SUB HEAD :- Construction of Retaining wall at RD 4/750 to 4/775

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 ranning 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.	38.66 Cubic metres	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.	124.03 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.	54.00 Running metres			Per running metre	
4	Backfilling with granular material behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material 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.	17.54 Cubic metres			Per cubic metre	
TOTAL :-						

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

# Schedule of Quantity

ESTIMATED COST :- Rs. 499501.00  
EARNEST MONEY :- Rs. 10000.00  
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Restoration of rain damages on link road from Mundla to Tikka Dhar to link road village Lilly and Amtrar Km 2/900 to 5/660 in Dist. Kangra (H.P.)

SUB HEAD :- Construction of Retaining wall at RD 4/775 to 4/800

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.	28.15 Cubic metres	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.	125.10 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.	54.00 Running metres			Per running metre	
4	Backfilling with granular material behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material 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.	16.65 Cubic metres			Per cubic metre	
TOTAL :-						

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



# SCHEDULE OF QUANTITY

ESTIMATED COST:- Rs. 298976.00  
EARNEST MONEY:- Rs. 6000.00  
TIME LIMIT : ONE MONTH

NAME OF WORK:- Annual repair & maintenance of various roads under H.P.P.W.D. Division, Tanda at Nagrola Bagwan in Distt. Kangra (Himachal Pradesh)  
SUB-HEAD :- Bush cutting & maintenance of shoulder & road side drains, white washing.

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	1 Making up loss of material/irregularities on shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at OMC upto any lead (Maintenance of Earthen shoulder (filling with fresh selected soil) as per technical specification Clause 1903, as per directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	3500.00 Square meters	4	5	6 Per square metre	7
2	2 Construction of unlined surface drain of average cross-sectional area 0.4 sqm in ordinary rock to specified lines, grades, levels and dimensions as per approved design and Technical Specification Clause 307. Excavated material to be used in embankment at site complete, including entire carriage of materials within all leads, lifts and other incidentals..	1500.00 Running meters			Per running metre	
3	3 Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth upto 30 cm.measured at a height of 1 metre above ground and removal of rubbish upto a distance of 20 metres outside the periphery of the area cleared as directed by the Engineer-in-Charge including entire carriage of materials within all leads, lifts and other incidentals.	4500.00 Square meters			Per square metre	
4	4 White washing two coats on parapet walls and tree trunks including preparation of surface by cleaning scraping etc. as per technical specifications Clause 1915 including entire carriage of materials within all leads, lifts and other incidentals.	950.00 Square metres			Per square metre,	
5	5 Cutting of shrubs from the road way or with in R.O.W and disposal of shrubs to suitable locations as per technical specifications Clause 1914 including carriage of materials within all leads, lifts and other incidentals.	4450.00 Square metres			Per square metre,	
6	6 Painting two coats (excluding priming coat) on previously painted concrete/masonry/plastered surfaces with enamel paint of approved brand and manufacture for use on floors to give an any shade including cleaning the surfaces of all dirt, dust and other foreign matters sand papering as required, including entire carriage of materials within all leads, lifts and other incidentals.	555.68 Square metres			Per square metre	
TOTAL:-						

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

# Schedule of Quantity

ESTIMATED COST :- ₹ 499500.00  
EARNEST MONEY :- ₹ 10000.00  
TIME LIMIT : ONE MONTH

NAME OF WORK :- Restoration of rain damages on various roads under H.P.P.W.D., Sub-Division Nagrota Bagwan in Distt. Kangra (H.P.).

SUB-HEAD :- Removal of slips.

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut materials within lift upto 1.50mts(One decimal fifty meters) and lead upto 1000 mtrs (One thousand metres) as per technical specifications 302.3.5 and 1611 complete including carriage of material within all leads, lifts and other incidentals and as directed by the Engineer-in-charge.	5550.00 Cubic meters	4	5	6 Per cubic metre	7
TOTAL :-						

Executive Engineer,  
H.P. PWD Division,  
Tanda at Nagrota Bagwan.




# Schedule of Quantity

ESTIMATED COST :- ₹ 499738.00  
 EARNEST MONEY :- ₹ 10000.00  
 TIME LIMIT :- ONE MONTH

**NAME OF WORK :-** Construction of link road from Kalru to Nariyalkar in Distt Kangra (H.P.).  
**SUB-HEAD :-** Formation cutting in Km 0/450 to 0/975

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>68.56 Cum (Sixty Eight point Fifty Six) cubic metres quantity at the rate of 300/- (Three Hundred) per cubic metre</u> 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.	3291.00 Cubic meters	4	5	6 Per cubic metre	7

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

## SCHEDULE OF QUANTITY


ESTIMATED COST :- 460182.00  
EARNEST MONEY :- 9250.00  
TIME LIMIT : THREE MONTHS

**NAME OF WORK :-** Special repair to Senior Boys Hostel at Dr. RPGMC Tanda in District Kangra, (H.P.). **Deposit Work**  
**SUB-HEAD :-** Dismantling, Repair of roofing and painting of roofing in Block A, Block B & Central (mess) Block.

Sr No.	Description of items	Quantity	RATES		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering, and preparing the surface smooth including necessary repairs to scratches etcetra complete as per architectural drawings including carriage of material within all leads, lifts and other incidentals, as per approved specifications drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	616.93 Square metres			Per Square metre	
2	Applying modrent solution on new G.I. sheet for preparation of surface for painting @ 5 (Five) litre/100 (One hundred) sqm of surface and rubbing the solution with brush including thoroughly cleaning the surface of all oil grease dirt and other foreign matter complete as per architectural drawings including carriage of material within all leads, lifts and other incidentals, as per approved specifications drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	304.23 Square metres			Per Square metre	
3	Applying priming coat with ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works complete as per architectural drawings including carriage of material within all leads, lifts and other incidentals, as per approved specifications drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	616.93 Square metres			Per Square metre	
4	Painting one or more coats (excluding priming coat) on previously painted steel and other metal surface with enamel paint other than white brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter complete as per architectural drawings including carriage of material within all leads, lifts and other incidentals, as per approved specifications drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	1421.16 Square metres			Per Square metre	



5	Dismantling roofing including ridges, hips, valley and gutters etcetra and stacking the material upto any lead of GS sheet complete as per architectural drawings including carriage of material within all leads, lifts and other incidentals, as per approved specifications drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	Square metres	304.23	Per Square metre	
6	Providing corrugated 0.63mm (Zero point sixty three millimetre) thick G.I. sheet roofing fixed with galvanised iron J or L hooks bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers filled with white lead complete excluding the cost of purlins rafters and trusses complete as per architectural drawings including carriage of material within all leads, lifts and other incidentals, as per approved specifications drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	Square metres	304.23	Per Square metre	
7	Structural steel work of Tata / Sail / Reliance / Jindal riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer in grating, grames, guard bar, ladder, railing, brackets, gates and similar works 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	Kilograms	539.18	Per kilo-gram	
TOTAL :-					

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

Schedule of Quantity

ESTIMATED COST: - ₹ 150255.00  
EARNEST MONEY: - ₹ 3000.00  
TIME LIMIT : TWO MONTHS

NAME OF WORK :- Construction of Pucca Path from Parmod Singh House to Neembu Tree (VKV/2021/24)/6 in Dist. Kangra (H.P.).  
SUB-HEAD :- Providing and laying cement concrete pavement road in Km 0/000 to 0/048 (DEPOSIT WORK).

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type A of size 13.2mm (thirteen point two millimeters) 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 incidentals.	11.34 Cubic metres			Per Cubic metres	
2	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimeters) thickness as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	22.68 Cubic metres			Per cubic metre	
<b>TOTAL :-</b>						

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



### Schedule of Quantity

ESTIMATED COST :- ₹ 151691.00  
EARNEST MONEY :- ₹ 3050.00  
TIME LIMIT : TWO MONTHS

**NAME OF WORK :-** Construction of link road from Sakreh to Daantehar Km 0/000 to 5/000 in Distt. Kangra (H.P.)

**SUB HEAD :-** Construction of Breast wall in Km 1/825 to 1/840 & U-shape drain between Km 2/375 to 2/475

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In flg.	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.	19.43 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 H.P.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	27.63 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.	15.00 Running metres			Per running 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 H.P.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	8.80 Cubic metres			Per cubic metre	
<b>TOTAL :-</b>						

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

Schedule of Quantity

ESTIMATED COST:- ₹ 134549.00  
EARNEST MONEY:- ₹ 2700.00  
TIME LIMIT : TWO MONTHS

NAME OF Construction of Health Sub Centre Building at Thana Bargran in Teh. Baroh, Distt. Kangra (H.P.)  
SUB HEAD:- Balance work of Building portion including water supply and sanitary installations 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 (Number exceeding 1.5m 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 soils complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	3 21.60 Cubic metres	4	5	6 Per cubic metre	7
2	Providing and fixing G.I. pipes complete with G.I. Fittings including trenching and refilling etc; complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.					
i)	15mm Nominal bore/diameters.	18.00 Running metres			Per running metre	
ii)	20mm Nominal bore/diameters	60.00 Running metres			Per running metre	
3	Making connection of G.I. distribution branch with G.I. main of 40mm to 20mm (Forty millimetre to Twenty millimetre) by providing and fixing tee, including cutting and threading the pipe etc; complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	1 Number			Each	
4	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/e fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc; complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.					
i)	15mm Nominal bore/diameters.	18.00 Running metres			Per running metre	
ii)	20mm Nominal bore/diameters	12.00 Running metres			Per running metre	



5	Providing and fixing in trenches P.V.C. Diplast pipe class "A" soil waste and ventilating pipe fixing with approved adhesive mixture complete 8/4.6mm thick of supreme or its equivalent complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	18.00					
i)	110mm Nominal bore/diameters.	Running metres				Per running metre	
ii)	75mm Nominal bore/diameters	18.00				Per running metre	
6	Providing and fixing sand cast/cast iron M.S. holder bat clamps including steel bolts to sand cast/spun iron pipes embedded in and including cement concrete blocks 100x100x100cm of 1:2:4 (1 cement: 2 sand: 4 graded crushed stone aggregate 20mm Nominal size and cost of cutting holes and making good the walls etc; complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.						
i)	110mm Nominal bore/diameters.	9				Each	
		Numbers.					
ii)	75mm Nominal bore/diameters	9				Each	
		Numbers.					
7(a)	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion . i) PVC Bend 87.5° complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.						
i)	110mm Nominal bore/diameters.	6				Each	
		Numbers.					
ii)	75mm Nominal bore/diameters	6				Each	
		Numbers.					
b)	Providing and fixing P.V.C.Single tee with door complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.						
i)	110x110x110 mm	6				Each	
		Numbers.					
ii)	75x75x75 mm	6				Each	
		Numbers.					
c)	Providing and fixing P.V.C.Single tee without door etc; complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.						
i)	110x110x110 mm	6				Each	
		Numbers.					
ii)	75x75x75 mm	6				Each	
		Numbers.					

d)	Providing and fixing PVC Coupler including fitting the joints with approved adhesive mixture necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.				
i)	110mm Nominal bore/diameters.	6 Numbers.		Each	
ii)	75mm Nominal bore/diameters	6 Numbers.		Each	
e)	Providing and fixing P.V.C. Shoe (Plain) necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.				
i)	110mm Nominal bore/diameters.	6 Numbers.		Each	
ii)	75mm Nominal bore/diameters	6 Numbers.		Each	
d)	Providing and fixing P.V.C. Cowl necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.				
i)	110mm Nominal bore/diameters.	1 Number.		Each	
ii)	75mm Nominal bore/diameters	1 Number.		Each	
8	Providing and fixing 110mm Nominal size/diameter P.V.C. floor trap including fitting the joints with adhesive mixture necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	8 Numbers.		Each	
9	Providing and fixing Cera Anglo Indian W.C. (Universal) Number. 2061 of Cera or its equivalent vitreous china dual purpose closet suitable for use as squatting pan or European type water Closet (Anglo Indian W.C pan) with seat & lid fixed with C.P. brass hinges and rubber buffers, 10 litre low level flushing cistern with fitting and brackets, 40 mm flush bend, 20 mm over flow pipe, with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required: White vitreous china dual purpose W/C pan with white solid plastic seat and lid with white vitreous china flushing cistern and C.P. flush bend necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	2 Numbers.		Each	
13	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap including necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	2 Numbers.		Each	



14	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes including necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	2 Numbers.			Each	
15	Providing and fixing white vitreous china laboratory sink of Size 450x300x150 mm with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P. brass waste and 40mm C.P. brass trap with necessary C.P. brass unions complete, including painting of fittings and brackets, cutting and making good the wall wherever required including necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	1 Number.			Each	
16	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink of size 610x510 mm bowl depth 200 mm as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required including necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	1 Number.			Each	
17	Providing and fixing 32mm Nominal size diameters rubber plug for wash basin (Heavy duty makes ISI marked is Number. 8931 7893) including necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	4 Numbers.			Each	
18	Providing and fixing 32mm diameters M.I. union for wash basin or sink including necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	4 Numbers.			Each	
19	Providing and fixing 32mm diameters P.V.C. waste pipe for wash basin or sink including brass check nut including necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	4 Numbers.			Each	
20	Providing and fixing 110mm diameters C.P. grating (Heavy duty makes ISI marked is Number. 8931 & 8934) for gully floor or Nahni trap including necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	8 Numbers.			Each	
21	Providing and fixing flat back 600x450mm beveled edge mirror or superior glass mounted on 6mm thick A.C. sheet or ply wood sheet and fixed to wooden plugs with C.P. brass and screws and washers including necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	2 Numbers.			Each	
22	Providing and fixing C.P. brass Towel rail complete with C.P. brass brackets fixed to wooden plugs with C.P. brass 600x20mm size including necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	2 Numbers.			Each	
23	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., including necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	2 Numbers.			Each	
24	Providing and fixing C.P. brass toilet paper holder (Heavy duty make ISI marked Number-8931 & 8934) including necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	2 Numbers.			Each	

25	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved including necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	2 Numbers.			Each	
26	Providing and fixing 15mm Nominal bore C.P. Brass bib cock of approved quality including necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	8 Numbers.			Each.	
27	Providing and fixing 15mm diameters C.P. brass stop cock of approved quality including necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	8 Numbers.			Each	
28	Providing and fixing 15mm dia C.P. brass pillar tap with capstan head including necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	4 Numbers.			Each.	
29	Providing and fixing 15mm diameters C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS 8931 including necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	8 Numbers.			Each	
30	Providing and fixing brass full way valve with wheel including necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.					
i)	15mm Nominal bore	1 Number.			Each	
ii)	20mm Nominal bore	1 Number.			Each	
31	Providing and fixing 15mm Nominal bore brass valve (Horizontal plunger) type high pressure with copper plate including necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	1 Number.			Each	
32	Providing and fixing 15mm Nominal bore PVC connection pipe with brass union 45cm length including necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	4 Numbers.			Each	
33	Providing and placing water tank make P.V.C. SINTEX on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank including necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	1000.00 Liters			Per liter	
34	Providing and fixing 15mm Nominal bore C.P. Brass long body bib cock of approved quality conforming to IS standards and weighing Number less than 690 gms marked Number. 8931 including necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	1 Number.			Each.	



35	Providing and fixing G.I. Union in G.I. Pipe including cutting & threading the pipe and making long screws etc. Complete (New work) including necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	2 Numbers.			Each.	
i)	15mm Nominal bore/diameters.	2 Numbers.			Each.	
ii)	20mm Nominal bore/diameters	2 Numbers.			Each.	
36	Providing and fixing 150mm diameter C.P. Brass shower rose with 15mm or 20mm inlet including necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	1 Number.			Each	
37	Providing and fixing 15mm diameter brass ferrule with C.I. mouth cover including boring and tapping the main including necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	1 Number.			Each	
38	Providing and fixing Charonium plated brass soap dish with CP brass brackets fixed to wooden cleats with CP brass screws including necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	4 Numbers.			Each	
39	Providing and fixing manhole cover frame (MEDIUM TYPE) for frame 500mm thick internal diameter including total weight of cover and frame to be not less than 38 kgs (Thirty eight kilogram) including necessary fitting complete as per drawing and HP.PWD technical specifications and as directed by the Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	1 Numbers.			Each	
TOTAL :-						

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

# SCHEDULE OF QUANTITY

ESTIMATED COST :- R.  
EARNEST MONEY :- R.  
TIME LIMIT : TWO MONTHS

NAME OF WORK :- Restoration of rain damages on Chahri to Khatrehar road Km 0/000 to 2/000 in Dist. Kangra (H.P.).  
SUB-HEAD :- Construction of U-Shape drain at RD 0/210 to 0/300 (L.H.S.)

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
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 H.P.W.D technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	28.35			Per cubic metre	
TOTAL :-						

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



# SCHEDULE OF QUANTITY

ESTIMATED COST:- ₹ 325917.00  
EARNEST MONEY :- ₹ 6550.00  
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of 1 No. Room for Mela Committee at Sunhi in Dist. Kangra (H.P.) DEPOSIT WORK.  
SUB-HEAD :- Construction of Civil work.

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 a any lead as directed by the Engineer-in-charge, within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge.	12.52 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 cement concrete 1:4:8 (One cement, four sand, eight graded broken/crushed stone aggregate 40mm (Forty millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	4.49 Cubic metres			Per cubic metre	
3	Coursed rubble masonry (first sort) with hard stone in foundation and plinth with Cement mortar 1:6 (One cement : Six coarse sand) complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	10.79 Cubic metres			Per cubic metre	
4	Boulder filling dry handf packed tightly in plinth area for under flooring complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	2.98 Cubic metres			Per cubic metre	
5	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 (Seven point five in uperstructure above plinth level up to floor V level in all shapes and sizes in complete, as per specifications, drawing and design complete with Cement mortar 1:6 (One cement : Six coarse sand) curing 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.	10.05 Cubic metres			Per cubic metre	
6	Providing form work with steel plates of 3.15mm (Three decimal one five millimeters) thick, welded with angle iron in frames of 30x30x5mm (Thirty into Thirty into Five millimeters), so as to give a fair finish including centering, shuttering strutting and propping etc, with wooden battens and ballies for all heights/depts of propping and centering below supporting floor to ceiling and removal of the same for in-situ reinforced concrete and plain concrete work in flat surfaces such as soffits of suspended floors roofs, landings as per Architectural drawing and the like floor etc.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.	36.57 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
7	Providing form work with steel plates of 3.15mm (Three decimal one five 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 etc. with wooden battens and ballies for all heights/depts of propping and centring below supporting floor to ceiling and removal of the same for in-situ reinforced concrete and plain concrete work in beams cantilevers girders lintels sides and soffits of beams haunchings cantilevers bressumers and lintels upto all depths 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.	14.23 Square metres			Per square metre.	
8	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 plain concrete work in edges of slab and breaks in floors and walls under any thickness 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.	24.84 Running metres			Per running metre	
9	Providing and laying cement concrete work of grade M-20 (M-Twenty) design mix to obtain the minimum compressive strength of 20N/mm <sup>2</sup> (Twenty Newton per square millimetre) with cement contents not less than 320 kg (Three hundred twenty kilogram) per cubic meter mechanically mixed and vibrated including curing complete, excluding cost of form work and reinforcement for reinforced concrete work in bed block, dirt wall and deck slab complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	5.13 Cubic metres			Per cubic metre	
10	Providing Tor steel reinforcement for reinforced cement concrete work including bending, binding, cutting, straightening and placing in position complete including cost of binding wires complete upto all floor levels 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.	512.71 Kilo grams			Per kilo-gram	
11	Providing Sal wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length ( hold fast lugs or dash fastener shall be paid for separately) complete including entire carriage of materials within all leads lifts and other incidentals and as directed by the Engineer-in-Charge.	0.21 Cubic metres			Per cubic metre	
12	Providing 40x5 mm Forty into five millimetre) flat iron hold fast 40 cm (Forty centimetre) long including fixing to frame with 10 mm (Ten millimetre) diameter bolts, nuts and wooden plugs and embedding in cement concrete block 30x10x15cm (Thirty into ten into fifteen centimetre) 1:3:6 mix (One cement : Three coarse sand : Six graded stone aggregate 20mm (Twenty millimetre) nominal size including carriage of material within all leads, lifts and other incidentals, as per approved specifications drawing, design and as directed by the Engineer-in-charge.	12 Numbers			Each	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
13	Providing and fixing fan clamps of type -1 of 16mm diameters M.S. bar bent to shape with hooked ends to Reinforced Cement Concrete slab during laying including painting the exposed portion of loop all as per standard design complete 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.	Number 1			Each	
14	Providing and fixing 40mm(Forty millimetres) thick second class Kail wood panelled, glazed or panelled and glazed shutters for doors, windows, clerestory windows etc. including black enameled/bright finished iron butt hinges with necessary screws etc complete and as per standard design complete 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.	5.49 Square metres			Per square metre	
15	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete fixed to steel windows by welding, complete and as per standard design complete 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.	64.08 Kilo grams			Per kilo-gram	
16	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.	20.72 Square metres			Per square metre	
17	Providing and fixing 300x16mm size (Three hundred into sixteen millimetres) anodized aluminium sliding door bolts anodized transparent or dyed to required colour and shade ISI marked with necessary screws 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.	1 Number			Each	
18	Providing and fixing 200x10mm (Two hundred into Ten millimetres) nominal size aluminium Tower bolts (Barrel type) anodized transparent or dyed to required colour and shade ISI marked with necessary screws 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.	14 Numbers			Each	
19	Providing and fixing 150mm (One hundred fifty millimetres) nominal size aluminium handles anodized transparent or dyed to required colour and shade ISI marked with necessary screws 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.	8 Numbers			Each	
20	6mm (Six millimetres) thick cement plaster to ceiling in cement mortar 1:3 (One cement: Three sand) upto all floor levels complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge.	24.90 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
21	15mm thick cement plasters in single coat on rough side of brick/concrete/stone walls for interior plastering upto all floor level including arises, internal rounded angles, chamfers and or rounded angles not exceeding 80mm in girth and finished even and smooth with cement mortar 1:4 (One cement : Four sand) including carriage of material within all leads, lifts and other incidentals, as per approved specifications drawing, design and as directed by the Engineer-in-charge.	38.31 Square metres			Per Square metre	
22	15mm (Fifteen millimetres) thick cement plasters in single coat on fair side of brick/concrete/stone walls for interior plastering including arises, internal rounded angles, chamfers or rounded angles not exceeding 80mm (Eighty millimetres) in girth and finished even and smooth with cement mortar 1:4 (One cement : Four sand) above plinth level to floor all levels 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.	67.99 Square metres			Per square metre	
23	Making plinth protection 50mm (Fifty millimetres) thick of cement concrete 1:3:6 (One cement : Three coarse sand (zone - III) : Six graded stone aggregate 20 mm (Twenty millimetre) nominal size over 75mm (Seventy five millimetre) thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth complete and as directed by the Engineer-In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	8.12 Square metres			Per square metre	
TOTAL :-						

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

# SCHEDULE OF QUANTITY

ESTIMATED COST :- ₹ 241007.00  
EARNEST MONEY :- ₹ 4850.00  
TIME LIMIT : THREE MONTHS

NAME OF Restoration of rain damages on Chahri to Khatrehar road Km 0/000 to 2/000 in Dist. Kangra (H.P.).  
SUB-HEAD :- C/O 0.60 mtr span culvert with grating at RD 0/210

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
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering. Plain cement concrete 1:3:6 (One Cement : Three coarse sand : Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and HP.PWD technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	1.96			Per cubic metre	
3	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 HP.PWD technical specification and as directed by the Engineer-In-charge including carriage of materials within all leads and lifts and other incidentals.	17.40			Per cubic metre	
4	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.	1215.20			Per kilogram	
TOTAL :-						

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