

**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 **06.07.2023** 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 **05.07.2023** up to **4:00 P.M.** and the application for issue of tender form shall be received on **04.07.2023** 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. No.	Name of work	Estimated Cost	Earnest Money	Time limit
1.	Special repair to 500 Bedded Hospital in Dr RPGMC at Tanda in Distt Kangra (SH:-P/F Aluminium work, painting and distempering and WS & SI etc; in Research Lab Back side of Tarrace new 2 <sup>nd</sup> floor O.T. (Part-II)	499129/-	10000/-	Two months
2.	Construction of link road Sakreh to Damtehar Km 0/000 to 5/000 in District Kangra (HP) (SH:-Construction of retaining wall both sides at RD 4/635 to 4/650).	211258/-	4250/-	Three months
3.	Construction of link road Aerla to Ropa in District Kangra (HP) (SH:-Construction of Breast wall at RD 0/250 to 0/270).	251989/-	5050/-	Three months
4.	Construction of link road from KCC Bank Danoa to House of Naginder Singh in Gram Panchayat Danoa in Distt Kangra (HP) (Deposit work) (SH:-Construction of retaining wall at RD 0/000 to 0/005 and providing and laying cement concrete pavement road at RD 0/000 to 0/033).	149209/-	3000/-	Two months
5.	Restoration of rain damages on Radh Ustehar Mundla Daulatpur road in Distt Kangra (HP) (SH:-Improvement of road width by providing retaining wall at RD 3/945 to 3/960).	498148/-	10000/-	Two months
6.	Construction of link road Jalot Hadoo Mangrella road 0/000 to 3/000 in Distt Kangra (HP) (SH:-Construction of U-shape drain at RD 1/850)	155250/-	3150/-	Two months
7.	Restoration of rain damages on Yol 53 mlie road Km 0/000 to 10/500 in District Kangra (HP) Telecom deposit (Sh:-Construction of U-Shape drain in between Km 5/040 to 5/190).	166125/-	3350/-	Two months
8.	Restoration of rain damages on Nagrota Massal Rajhoon road Km 0/000 to 8/000 in Distt Kangra (HP) (SH:-Construction of retaining wall at RD 3/140 to 3/156, 3/170 to 3/175 and P/L Cement concrete flooring for culvert (Telecom Deposit )	328511/-	6600/-	Two months
9.	Construction of link road Yol Rajiana road to Tikka Sra road Km 0/000 to 0/650 in Distt Kangra (HP) (SH:-SH:-Providing and laying interlocking paver block in Km 0/600 to 0/750).	301063/-	6050/-	Two months
10.	Construction of link road to village Thatt in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement road in Km 0/200 to 0/350).	499636/-	10000/-	Two 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**

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

3342-71

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

(On behalf of Governor of Himachal Pradesh)

Dated/ 15-06-2023

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

# SCHEDULE OF QUANTITY

ESTIMATED COST :- 499129.00  
EARNEST MONEY :- 10000.00  
TIME LIMIT : TWO MONTHS

NAME OF WORK :- Special Repair to 500 Bedded Hospital in Dr. R.P.G.M.C at Tanda in Distt. Kangra.

SUB-HEAD :- P/E Aluminium work, Painting and Disempering and W.S.S.I etc. in Renssarch Lab Back side of Turrice near 2nd floor O.T.(Part-II)

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Providing and fixing anodised/colour coated aluminium work for door, windows, ventilators and partitions with extruded built up standard tubular and other sections of approved make conforming to IS 733 and IS 1285 anodised transparent or dyed to required shade according to IS 1868. (Minimum anodic coating of grade AC 15) fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rustfree, straight, mitted and jointed mechanically where ever required including cleast angle, aluminium, snap beading for glazing/ panelling C.P. brass/stainless steel screws for doors windows and ventilators and glazed partitions frames. All complete as per architectural drawings and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	246.80 Kilograms			Per kilo-gram	
ii)	Providing and fixing anodised/colour coated aluminium work for door, windows, ventilators and partitions with extruded built up standard tubular and other sections of approved make conforming to IS 733 and IS 1285 anodised transparent or dyed to required shade according to IS 1868. (Minimum anodic coating of grade AC 15) fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rustfree, straight, mitted and jointed mechanically where ever required including cleast angle, aluminium, snap beading for glazing/ panelling C.P. brass/stainless steel screws for shutters of doors windows & ventilators including providing and fixing hinges/pivots and making provisions for fixing of fittings where ever required including the cost of PVC/neoprene gaskets as required (fittings and glazing/panelling shall be paid for separately) all complete as per architectural drawings and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	244.10 Kilograms			Per kilo-gram	
2	Providing and fixing glazing in aluminium door, window, ventilator shutters and partition etc with PVC/neoprens gasket etc. complete as per the architectural drawings and the directions of Engineer-In-charge (cost of aluminium snap beading shall be paid in basic item.) Glazing with glass panes of 6mm(Six millimetres) thickness (weight not less than 13.75 kg/sqm (Thirteen point seventy five kilograms/square metre) Modi guard or its equivalent and as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	4.20 Square metres			Per square metre	
3	Providing and fixing fly proof galvanized M.S. wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm ( zero point six three millimetre )all complete. and as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	8.50 Square metres			Per square metre	
4	Providing and fixing anodized aluminium sliding door bolts anodized transparent or dyed to required colour and shade with necessary screws etc. completed including entire carriage of materials within all leads, lifts and other incidentals					
i)	300x16mm size (Three hundred into sixteen millimetres)nominal size	4.00 Numbers			Each	
ii)	250x16mm(Two hundred fifty into sixteen millimetres) nominal size	4.00 Numbers			Each	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
5	Providing and fixing 300x10mm (Three hundred into ten millimetres) aluminium tower bolts (berrel type) anodized trans parent or dyed to required shade and colour with screws etc. complete as per direction Engineer-In-charge	4.00 Numbers			Each	
i)	300x10mm (Three hundred into sixteen millimetres) nominal size	4.00 Numbers			Each	
ii)	250x16mm(Two hundred fifty into sixteen millimetres) nominal size	4.00 Numbers			Each	
6	Providing and fixing aluminium handles anodized transparent or dyed to required colour or shade 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	10.00 Numbers			Each	
i)	125mm (One hundred twenty five millimetres) nominal size	8.00 Numbers			Each	
ii)	100mm (One hundred millimetres) nominal size	2.00 Numbers			Each	
7	Providing and fixing 100mm (One hundred millimetres) bright finished brass door stopper with rubber cushion screws etc to suit shutter thickness complete and as per direction of the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	2.00 Square metres			Per square metre	
8	Providing and fixing 12mm (Twelve millimetres) thick prelaminated board both side bwp phenol bonded exterior/interior grade panelled shutters including bright finished/black enammelled iron butt hinges with necessary screws complete and as per direction of the Engineer-In-Charge, including carriage of materials within all leads, lifts and other incidentals.	2.00 Square metres			Per square metre	
9	Providing and fixing 12 mm (Twelve millimetres) thick cement bonded /PVC BOARD partitions walls on both side of approved quality with butt jointing and nail/screw jointed with structural steel frame ( frame work to be paid for separately) and 25mm (Twenty millimetres) thick glass wools filled in the cavity of walls (Glass work to be paid for separately) complete and as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	194.80 Square metres			Per square meter	
10	Providing and fixing 6mm (Six millimeters) thick plain asbestos cement sheet ceiling of approved quality with butt jointing and wood screws (frame work and cover fillers to be measured and paid for separately) as per approved drawing, design and as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals	310.16 Square metres			Per square metre	
11	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete, as directed by the Engineer- In-charge, including carriage of materials within all leads, lifts and other incidentals	310.16 Square metres			Per square metre	
12	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete, as directed by the Engineer- In-charge, including carriage of materials within all leads, lifts and other incidentals.	310.16 Square metres			Per square metre	
13	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surfaces to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth including applying of putty as required for making the surface complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	310.16 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
14	Painting two coats (excluding priming coat) on new wood and wood based surface under coat with enamel and finishing coating with flat oil paint, brushing to give an even shade including cleaning of all with paint other than white as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals	133.80 Square metres			Per square metre.	
15	Finishing wall with weather proof exterior grade emulsion of approved design (Apeultima ) or equivalent Asian paints of Nerolac on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly cleaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth complete as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	10.40 Square metres			Per square metre	
16	Providing and laying on wall face PVC (D-Plast) rain water working pressure not less than 6.00 kg/sqm (six decimal Five Zero kilograms per square metre) including filling the joints with approved adhesive complete and as directed by the Engineer-Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	10.00 Running metres			Per running metre	
i)	75 mm (Seventy five millimetres) dia	10.00 Running metres			Per running metre	
ii)	110mm (One hundred ten millimetres) dia	Running metres			Per running metre	
17	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals					
	Coupler	14.00 Numbers			Per running	
i)	75 mm (Seventy five millimetres) dia	12.00 Numbers			Per running metre	
ii)	110mm (One hundred ten millimetres) dia	14.00 Numbers			Per running metre	
	Bend	12.00 Numbers			Per running metre	
i)	75 mm (Seventy five millimetres) dia	18.00 Running metres			Per running metre	
ii)	110mm (One hundred ten millimetres) dia	16.00 Running metres			Per running metre	
18	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (Medium grade) Cera or its equivalent approved quality tube fitting and clamps including making good the wall, ceiling and floor as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.					
i)	15mm (Fifteen millimetres) nominal bore					
ii)	20mm (Twenty millimetres) nominal bore					



S.No.	Description of items	Quantity	Rate		Unit	Amount
			<i>In fig.</i>	<i>In words</i>		
			4	5		7
1	2	3			6	
19	Providing and fixing brass full way valve with wheel-TATA JINDAL, complete and complete as directed by the Engineer-Incharge including entire carriage of materials within all leads, lifts and other incidentals.					
i)	15mm (Fifteen millimetres) nominal bore	10.00 Numbers			Each	
ii)	20mm (Twenty millimetres) nominal bore	12.00 Numbers			Each	
20	Providing and fixing plastic seat (Solid/Hollow type) and cover Cera or its equivalent for wash down water closet with C.P. Brass hinges and rubber buffers complete and complete as directed by the Engineer-Incharge including entire carriage of materials within all leads, lifts and other incidentals.	2.00 Numbers			Each	
21	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	2.00 Numbers			Each	
22	Providing and fixing 100mm (One hundred millimetres) diametres C.P. brass grating for gully floor or Nahni trap ISI make as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	2.00 Numbers			Each	
23	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 required: White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	3.00 Numbers			Each	
24	Providing and fixing 32mm (Thirty two millimetres) dia C.P. Brass waste for wash basin or sink ISI make, as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	6.00 Numbers			Each	
25	Providing and fixing 32mm (Thirty two millimetres) diametres M.I. Union for wash basin or sink ISI make complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	8.00 Numbers			Each	
26	Providing and fixing flat back 600x450mm (Six hundred into Four hundred fifty millimetre) nominal size 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 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	2.00 Numbers			Each	
27	Providing and fixing bottle trap (32mm nominal size) diameters approved quality & make and as per the direction of Engineer-in-charge. 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	4.00 Numbers			Each	
28	Providing and fixing chromium plated brass soap dish with C.P. brass brackets fixed to wooden cleats with C.P. brass screws Cera or its equivalent as directed by the Engineer-Incharge including entire carriage of materials within all leads, lifts and other incidentals.	3.00 Numbers			Each	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
			4	5		7
1		3			6	
29	Providing and fixing 15mm (Fifteen millimetres) diameters long nose brass bib tap (Superior or heavy type) Cera or its equivalent as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	4.00 Numbers			Each	
30	Providing and fixing 15mm (Fifteen millimetres) dia long body brass bib tap (Superior or heavy type) Cera or its equivalent complete as directed by the Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals.	4.00 Numbers			Each	
31	Providing and fixing 15mm (Fifteen millimetres) C.P. brass angle valve without nuts and pipe Cera or its equivalent complete as directed by the Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals.	4.00 Numbers			Each	
32	Providing and fixing P.V.C. connection 300x450mm (Three hundred into four hundred fifty millimetres) length with check nut and brass union complete and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	8.00 Numbers			Each	
33	Providing and fixing PTMT jet spray of approved quality and colour with one metre tube as directed by the Engineer-in-Charge, including entire carriage of materials within all leads, lifts and other incidentals.	6.00 Numbers			Each	
34	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid etc; 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	2.00 Numbers			Each	
35	Providing and fixing brass stop cock of approved quality Cera or equivalent as directed by the Engineer-Incharge including entire carriage of materials within all leads, lifts and other incidentals	6.00 Numbers			Each	
36	Providing and fixing 600x120mm (Six hundred into One hundred twenty millimetres) glass shelf with C.P. brass. (Heavy duty makes) brackets and guard rail complete fixed to wooden plugs with C.P. brass screws as directed by the Engineer- in-Charge including carriage of materials within all leads, lifts and other incidentals.	8.00 Numbers			Each	
37	Providing and fixing PTMT pillar cock of approved Cera or its equivalent quality and colour as directed by the Engineer-Incharge including entire carriage of materials within all leads, lifts and other incidentals.	4.00 Numbers			Each	
38	Providing and fixing 600x20mm (Six hundred into Twenty millimetres) size C.P. Brass Towel rail Cera or its equivalent complete with C.P. Brass brackets fixed to wooden plugs with C.P. Brass screws as directed by the Engineer in-Charge, including carriage of materials within all leads, lifts and other incidentals.	2.00 Numbers			Each	
TOTAL :-						

  
 Executive Engineer,  
 PWD Division,  
 Tanda at Nagaur.



# SCHEDULE OF QUANTITY

ESTIMATED COST: - 211258.00  
EARNEST MONEY :- 4250.00  
TIME LIMIT : THREE MONTHS

**NAME OF WORK:-**

Construction of link road Sakreh to Dantelhar Km 0/000 to 5/000 in District Kangra, (H.P.).

**SUB-HEAD:-**

Construction of Retaining wall both sides at RD 4/635 to 4/650.

Sr No.	Description of items	Quantity	RATES		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 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 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	32.40 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 1:5:10 (One cement; five sand; ten 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	49.95 Cubic metres			Per cubic metre	
3	Providing and fixing 100 mm (One hundred millimetres) diameter on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm (Ten millimetres) gap for thermal expansion, Single socketed pipes 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.	23.40 Running metre			Per Running metre	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, 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.	14.40 Cubic metres			Per cubic metre	
TOTAL :-						

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



# SCHEDULE OF QUANTITY

ESTIMATED COST :- 251989.00  
EARNEST MONEY :- 5050.00  
TIME LIMIT : THREE MONTHS

NAME OF WORK :-

Construction of link road Aerla to Ropa in District Kangra, (H.P.).

SUB-HEAD :-

Construction of Breast wall at RD 0/250 to 0/270.

Sr No.	Description of items	Quantity	RATES		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 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	33.36 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 1:5:10 (One cement; five sand; ten 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	63.08 Cubic metres			Per cubic metre	
3	Providing and fixing 100 mm (One hundred millimetres) diameter on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm (Ten millimetres) gap for thermal expansion, Single socketed pipes 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.	36.00 Running metre			Per Running metre	
<b>TOTAL :-</b>						

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



## Schedule of Quantity

ESTIMATED COST: - ₹ 149209.00  
EARNEST MONEY: - ₹ 3000.00  
TIME LIMIT : TWO MONTHS

NAME OF WORK :-

Construction of link road from KGC Bank Danna to House of Naginder Singh in Gram Panchayat Danna in Distt. Kangra (H.P.) (DEPOSIT WORK).

SUB HEAD :-

Construction of Retaining wall at RD 0/000 to 0/0/005 and Providing and laying cement concrete pavement road at RD 0/000 to 0/033

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.	5.85 Cubic metres	4	5	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-In-charge including carriage of material within all leads, lifts and other incidentals.	11.05 Cubic metres			Per cubic metre	
3	Providing and laying weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of (V):20(H) towards drawing face complete as per drawing and technical specifications clauses B14, 709, 1204.3.7 as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	40.48 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-In-charge including carriage of materials within all leads, lifts and other incidentals.	4.88 Cubic metres			Per cubic metre	
5	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 1.05 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 and as per drawing and HP.PWD technical specifications, as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	7.43 Cubic metres			Per cubic metre	
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.	13.85 Cubic metres			Per cubic metre	
<b>TOTAL :-</b>						

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



# SCHEDULE OF QUANTITY

**NAME OF WORK :-** Restoration of rain damages on Radh Ustehar Mundla Daulatpur road in Distt. Kangra (H.P.).  
**SUB-HEAD :-** Improvement of road width by providing Retaining wall at RD 3/945 to 3/960

**ESTIMATED COST :-** Rs. 498148.00  
**EARNEST MONEY :-** Rs. 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 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 18.55 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.	124.82 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.	42.90 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.	18.52 Cubic metres			Per cubic metre	
5	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.	1.08 Cubic metres			Per cubic metre	
<b>TOTAL :-</b>						

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



Schedule of Quantity

ESTIMATED COST :- ₹ 155250.00  
 EARNEST MONEY :- ₹ 3150.00  
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- Construction of link road Jalot Hadoo Mangrella road 0/000 to 3/000 in Distt. Kangra (H.P.).  
 SUB-HEAD :- Construction of U-Shape drain at RD 1/850

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	2	3	4	5	6	7
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm 9Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals.	54.00 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 HP.P.W.D technical specifications and as directed by Engineer-in-charge including carriage of material within all leads, lifts and other incidentals.	31.50 Cubic metres			Per cubic metre	
TOTAL :-						

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

# SCHEDULE OF QUANTITY

ESTIMATED COST: - 166125.00  
EARNEST MONEY :- 3350.00  
TIME LIMIT : TWO MONTHS

NAME OF WORK :-

Restoration of rain damages on Yol 53 mile road Km 0/000 to 10/500 in District Kangra, (H.P.). Telecom Deposit

SUB-HEAD :-

Construction of U-Shape drain in between Km 5/040 to 5/190.

Sr No.	Description of items	Quantity	RATES		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 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	84.00 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 1:3:6 (One cement; three sand; six 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	32.25 Cubic metres			Per cubic metre	
TOTAL :-						

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



# SCHEDULE OF QUANTITY

ESTIMATED COST:- Rs. 328511.00  
EARNEST MONEY:- Rs. 6600.00  
TIME LIMIT :- TWO MONTHS

NAME OF WORK :- Restoration of rain damages on Nagrota Massal Rajhoon road Km 0/000 to 8/000 in Distt. Kangra (H.P.).

SUB-HEAD :- Construction of retaining wall at RD 3/140 to 3/156, 3/170 to 3/175 and P/L cement concrete flooring for culvert.

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.	31.53 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.	68.61 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.	41.00 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.	13.76 Cubic metres			Per cubic metre	
5	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	7.86 Cubic metres			Per cubic metre	
TOTAL :-						

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



# SCHEDULE OF QUANTITY

**NAME OF WORK :-** Construction of link road Vol Rajiana road to Tikka Sera road Km 0/000 to 0/650 in Distt. Kangra (H.P).

**SUB-HEAD :-** Providing and laying interlocking paver block in Km 0/600 to 0/750

ESTIMATED COST :- Rs. 301063.00  
EARNEST MONEY :- Rs. 6050.00  
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.	15.02 Cubic meters			Per cubic metre	
2	Providing and laying 80mm (Eighty millimetres) thick Interlocking Concrete Paver Block as per drawings and Technical Specification Clause 1504 of ISI make including 4mm (Four millimetres) thick levelling course of sand and locking with cement concrete M-30 (M-Thirty) complete as per direction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals.	145.64 Square metres			Per Square metre	
3	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering. Plain cement concrete 1:3:6 (One Cement : Three coarse sand : Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	25.10 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.	18.50 Running metres			Per running metre	
<b>TOTAL:-</b>						

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




**Schedule of Quantity**

**NAME OF WORK :-** Construction of link road to village Thatt in Distt. Kangra (H.P.)  
**SUB-HEAD :-** Providing and laying cement concrete pavement road in Km 0/200 to 0/350

ESTIMATED COST:- ₹ 499636.00  
 EARNEST MONEY :- ₹ 10000.00  
 TIME LIMIT : TWO MONTHS

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) <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.	38.51 Cubic metres			Per Cubic metres	
2	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	75.14 Cubic metres			Per cubic metre	
<b>TOTAL :-</b>						

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