

**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 **30.06.2023** 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 **28.06.2023** up to **4:00 P.M** and the application for issue of tender form shall be received on **27.06.2023** 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:-Dismantling work, Brick work, P/L cement concrete , plaster work, P/L Floor tiles etc; in Doctor Duty Room ICU on Back side of tarrace near 2 nd floor O.T.)	499100/-	10000/-	Two months
2.	Special repair to 500 Bedded Hospital in Dr RPGMC at Tanda in Distt Kangra (SH:-P/F Aluminium work, Prelemanited board etc; in Consultant Room back side of tarrace near 2 nd floor O.T.) (Part-I)	499799/-	10000/-	Two months
3.	Special repair to Auditorium at Dr R.P. Govt. Medical College at Tanda in Distt Kangra (HP) (SH:-Dismantling work, wooden Ramp and repair of flooring etc;)	106332/-	2000/-	One months
4.	Special repair to Truman Centre in Dr RPGMC at Tanda in Distt Kangra (SH:-Providing and fixing PVC water Tank including accessory etc;)	104469/-	2100/-	One month
5.	Special repair to Library at Dr R.P. Govt. Medical College at Tanda in Distt Kangra (HP) (SH:-Dismantling floor, repair of plaster, P/F floor tile, wall tile, W.S. & S.I. etc; in Ground floor library).	187586/-	3750/-	One month
6.	Construction of link road Chakban Gheen Sohran to Thathal Km 0/000 to 1/735 in District Kangra (HP) (SH:-Construction of retaining wall at RD 1/110 to 1/135).	261799/-	5220/-	Three months
7.	Construction of link road From main road Bane-di-Hatti Khapper Nallah in District Kangra (HP) (SH:-Construction of wing wall to existing vented causeway at RD 0/050 & providing & laying cement concrete pavement (M-20) grade at Km 0/060 to 0/085 & 2/400 to 2/415).	212603/-	4300/-	Three months
8.	Construction of Samloti to Sarotri road Km 0/000 to 4/500 in District Kangra (HP) (SH:-Construction of U-shape drain at RD 0/660 to 0/795).	210411/-	4250/-	Three months
9.	1.Construction of 25.00 mtrs span foot Bridge over Daroon Khad at Rd 0/090 to connect Dhiman Basti Serathana in Distt Kangra (HP) 2. Construction of 25.00 mtrs span foot Bridge over Daroon Khad at Rd 0/100 to on link road from Sera to Chhanwar in G.P.Serathana in Distt Kangra (HP) (SH:-Preparation of Hydraulic Data for 2 no bridges)	117000/-	2350/-	Three months
10.	Restoration of rain damages on Ambari Kawari road 0/000 to 6/500 in Distt Kangra (HP) (SH:-Construction of U-shape drain at RD 6/075 to 6/175 (Telecom Deposit)	239670/-	4800/-	Two months
11.	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 3/715 to 3/730).	399177/-	8000/-	Two months

12.	Construction of road from Malan to Gujrehra Pathiar & Sakhrehar Km 0/000 to 6/785 in District Kangra (HP) (SH:-Balance work of providing and laying 450mm & 600mm Dia Hume pipe culvert between Km 0/000 to 1/000).	499800/-	10000/-	Three months
13.	Construction of Pucca Path from Langana to Lal Chand House in G.P. Thana Khas in Distt Kangra (HP)(Deposit work) (SH:- Providing and laying cement concrete pavement road M-20 grade at RD 0/000 to 0/075).	199691/-	4000/-	Two months
14.	Annual repair & maintenance of various roads under HP PWD Sub-Division Baroh in Distt Kangra (Himachal Pradesh) (SH:- Bush cutting & maintenance of shpulder & road side drains white washing)	497817/-	10000/-	One months
15.	Special repair to Supper Speciality in Dr RPGMC at Tanda in Distt Kangra (SH:-P/F Aluminum partition P/F Glass Panes p/F Alumnum Grill etc in SSB Block 1 st floor near Gastro OPD)	350617/-	7050/-	One month
16.	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 3/908 to 3/917).	490021/-	9800/-	Two months
17.	Restoration of rain damages on link road to village Khanog Km 0/000 to 1/500 in Distt Kangra (HP) (SH:-Construction of Breast wallat RD 0/310 to 0/325).	142695/-	2900/-	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

(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/2023-24-33/2-41

Dated/ 15-06-2023

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, 5th 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

ESTIMATED COST :- 499100.00
 EARNEST MONEY :- 10000.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- Special Repair to 500 Bedded Hospital in Dr. RPGMC at Tanda in Distt. Kangra.

SUB-HEAD :- Dismantling work, Brick work, P/L cement concrete, Plaster work, P/L Floor tiles etc, in Doctor Duty Room ICU on Back side of Tarrace near 2nd floor O.T.

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:3:6 (One cement : Three sand : six graded stone) or richer mix (i/c equivalent design mix) complete and as directed by the Engineer- In-charge, including carriage of materials within all leads, lifts and other incidentals	20.58 Cubic metre			Per Cubic metre	
2	Half brick masonry with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 (Seven point five) in super structure all plinth level in cement mortar 1:4 (One cement : Four coarse sand) 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.	42.08 Square metres			Per square metre	
3	Brick work with common burnt clay modular bricks of class designation 7.5 (Seven point five) in foundation and plinth in: Cement mortar 1:4 (One cement : Four coarse sand) complete including carriage of material within all leads, lifts and other incidentals, as per approved specifications drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	4.66 Cubic metre			Per cubic metre	
4	Providing mild steel/For steel reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level. Tor Steel. complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	42.07 Kilogram			Per Kilogram	
5	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	16.02 Cubic metres			Per Cubic metre	
6	15mm (Fifteen millimetres) thick cement plasters in single coat on fair side of brick/concrete/stone walls for interior plastering upto all floor level including arrises, internal rounded angles, chamfers and rounded angles not exceeding 80mm (Eighty millimetres) in girth and finished even and smooth with cement mortar 1:6 (One cement: Six sand) above plinth level to floor all level complete including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications. as per the direction and entire satisfaction of Engineer-in-Charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	174.96 Square metres			Per square metre	
7	Providing and laying 15 to 20mm (Fifteen to Twenty millimeters) thick granite stone in flooring 20mm (Twenty millimeters) (average) thickness base of cement mortar 1:3 (One cement : Three sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone including rubbing, polishing and moulding in single/double layer complete and as directed by the Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals.	20.61 Square metres			Per square metre	
8	providing and laying Vitrified tiles in floor with / Nitco/ Raki/ Simpolo/ Kajaria of different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% (zero point zero eight) and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately). Size of Tile 600x600 mm (six hundred xsix hundred) complete and as directed by the Engineer- In-charge, including carriage of materials within all leads, lifts and other incidentals	26.98 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
9	Providing and laying Vitrified tiles in / Nitco/ Raki/ Simpoto/ Kajariadifferent sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% (zero point zero eight) and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately) complete and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals	Square metres			Per square metre	
10	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint In beams joists channels, angles, tee, flats with connecting plates or angle cleats as in main and cross beams, hip and jack rafters, purlins connected to common rafters and the like complete and as directed by the Engineer-Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	250.70 Kilogram			Per Kilogram	
11	Providing and fixing 0.60mm (Zero decimal Six Zero milimetres) thick prepainted sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 (Twenty) microns over 5 (Five) microns primer coating to back coat of polyester of 5 (Five) microns over 5 (Five) microns primer coating including fixing with prepainted iron J or L hooks, bolts and nuts 6mm (Six milimetres) diameters with prepainted limpet and rubber washers complete with all accessories as required as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals	20.84 Square metres			Per square metre	
12	Providing and fixing ridges or lips 90cm (Ninty centimeters) over all with 0.60mm (Zero point Sixty millimeters) thick prepainted sheet roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 (Twenty) microns over 5 (Five) microns primer coating to back coat of polyester of 5 (Five) microns over 5 (Five) microns primer coating including fixing with prepainted iron J or L hooks, bolts and nuts 6mm (Six millimeters) diameters with prepainted G.I. limpet and bitumen washers complete with all accessories as required as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals	6.20 Running metres			Per running metre	
13	Providing and fixing 15 cm. wide 45 cm. overall semicircular plain G.I. sheetgutter with iron brackets 40x3mm size bolts and nuts and washers etc. including making necessary connections with rain water pipe complete as per design 0.63mm thick sheet complete and as directed by the Engineer-Incharge. including carriage of materials within all leads, lifts and other incidentals.	18.10 Running metres			Per running metre	
14	Providing and fixing M.S. B.P. sheet 1.66mm thick caves board/facia/soffits/ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-Incharge (Base members of steel work shall be measured and paid separately) including fixing complete and as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	55.40 Square metres			Per square metre	
TOTAL :-						


 Executive Engineer,
 HP PWD Division,
 Tanda at Bagwan.

SCHEDULE OF QUANTITY

ESTIMATED COST :- 499799.00
 EARNEST MONEY :- 10000.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- Special Repair to 500 Bedded Hospital in Dr. RPGMC at Tanda in Distt. Kangra.

SUB-HEAD :- P/F Aluminium work, Prelaminated Board etc. in Consultant Room Back side of Tarrace near 2nd floor O.T.(Part-I)

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
i	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, mitred 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.	362.15 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, mitred 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	330.20 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.	17.05 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	14.00 Numbers			Each	
ii)	250x16mm(Two hundred fifty into sixteen millimetres) nominal size	16.00 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 transparent or dyed to required shade and colour with screws etc. complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.					
i)	300x10mm (Three hundred into sixteen millimetres) nominal size	12.00 Numbers			Each	
ii)	250x16mm(Two hundred fifty into sixteen millimetres) nominal size	14.00 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,					
i)	125mm (One hundred twenty five millimetres) nominal size	18.00 Numbers			Each	
ii)	100mm (One hundred millimetres) nominal size	14.00 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.	8.00 Numbers			Each	
8	Providing and fixing 12mm (Twelve millimetres) thick prelaminated board both side bwp phenol bonded exterior/interior grade panelled shutters including bright finished/black enamelled 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.	48.00 Square metres			Per square metre	
9	Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P. brass/ stainless steel screws @ 200 mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in- charge. (Only weight of grill to be measured for payment).and as per direction of the Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals.	18.26 Square metres			Per square metre	
10	Providing and fixing 12 mm (Twelve millimeters) thick cement bonded /PVC BOARD partations 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.	16.50 Square metres			Per square metre	
11	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 fillets 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	7.10 Square metres			Per square meter	
TOTAL :-						

Executive Engineer,
HP-PWD Division,
Tanda at N.Bagwan.

SCHEDULE OF QUANTITY

ESTIMATED COST :- 106332.00
 EARNEST MONEY :- 2000.00
 TIME LIMIT :- ONE MONTHS

NAME OF WORK :- Special repair to Auditorium at Dr. R.P. Govt. Medical College at Tanda in Distt. Kangra (H.P.)

SUB-HEAD :- Dismantling work, wooden Ramp and repair of flooring etc.

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Providing 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) 1st class Deodar wood complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	0.55 Cubic metres			Per Cubic metre	
2	Providing and fixing 18 mm (Eighteen millimetres) thick in wall lining flat pressed three layer medium density) particle board or graded wood Prelaminated one side decorative lamination and other side balancing lamination Grade I, Type II, IS : 12823 marked, including priming coat on unexposed arrangement and screws etc. complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	4.86 Square metres			Per Square metre	
3	Providing and fixing 2nd class teak wood 50x12 mm (Fifty into twelve millimetres) wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	22.60 Running metres			Per Running metre	
4	Polishing on wood work with ready mixed wax polish of approved brand and manufacture New work complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	17.35 Square metres			Per Square metre	
5	Making the opening in brick masonry including dismantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete, to match existing surface i/c disposal of mulba/ rubbish to the nearest municipal dumping ground, all complete as per direction of Engineer-in- Charge including carriage of materials within all leads, lifts and other incidentals.	5.40 Square metres			Per Square metre	
6	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres (Fifty metres) lead as per direction of Engineer - in - charge Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix) complete as per direction of Engineer-in- Charge including carriage of materials within all leads, lifts and other incidentals.	1.62 Cubic metres			Per Cubic metre	
7	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm (Twenty millimetres) nominal size) complete as per direction of Engineer-in- Charge including carriage of materials within all leads, lifts and other incidentals.	1.37 Cubic metres			Per Cubic metre	
8	Providing and laying 15 to 20 mm (fifteen to twenty millimeters) thick granite stone in flooring 20 mm (Twenty millimeters) (average) thickness base of cement mortar 1:3 (One cement : Three sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone including rubbing, polishing and moulding in single/double layer complete as per direction of Engineer-in- Charge including carriage of materials within all leads, lifts and other incidentals.	5.40 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
9	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Mild steel and Medium Tensile steel bars complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	1.94 Kilograms			Per Kilogram	
TOTAL :-						



Executive Engineer
 HP-PWD Division
 Tanda at N/Bagwan.

SCHEDULE OF QUANTITY

ESTIMATED COST :- Rs. 104469.00
 EARNEST MONEY :- Rs. 2100.00
 TIME LIMIT : ONE MONTH

NAME OF WORK :- Special Repair to Trauma centre in Dr. RPGMC at Tanda in Distt. Kangra.

SUB-HEAD :- Providing and Fixing Pvc Water Tank including accessory etc.

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Providing and fixing 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	13.00 Running metres			Per running metre	
ii)	20mm (Twenty millimetres) nominal bore	8.00 Running metres			Per running metre	
2	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.					
i)	15mm (Fifteen millimetres) nominal bore	8.00 Running metres			Per running metre	
ii)	20mm (Twenty millimetres) nominal bore	6.00 Running metres			Per running metre	
3	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	9.00 Numbers			Each	
ii)	20mm (Twenty millimetres) nominal bore	12.00 Numbers			Each	
4	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.	14 Numbers			Each	
5	Providing and fixing G.I. pipe fittings and accessories complete including fixing with approved adhesive including carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.					
i)	15mm (Fifteen millimetres) nominal bore (G.I TEE)	10.00 Numbers			Each	

ii)	26mm (Twenty millimetres) nominal bore		9.00 Numbers			Each	
6	Providing and fixing G.I. pipe fittings and accessories complete including fixing with approved adhesive including carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.						
i)	15mm (Fifteen millimetres) nominal bore (G.I. Nipples)		6.00 Numbers			Each	
ii)	20mm (Twenty millimetres) nominal bore		12.00 Numbers			Each	
7	Providing and fixing G.I. pipe fittings and accessories complete including fixing with approved adhesive including carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.						
i)	15mm (Fifteen millimetres) nominal bore (G.I./M.I. Union)		6.00 Numbers			Each	
ii)	20mm (Twenty millimetres) nominal bore		8.00 Numbers			Each	
8	Providing and fixing 100 mm (One hundred millimetre) dia G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. complete as directed by the Engineer-In-Charge including carriage of materials within all leads, lifts and other incidentals.		2 Running metre			Per running metre	
9	Providing and fixing 500 litres(Five hundred) net capacity tank PVC water storage tank of ISI : 9001 : 2008 marked, Sintex/Vectus G.I. inlet and outlet connection , 15mm nominal bore ball valve and mosquito proof PVC cover with locking arrangement including hoisting up to all height above ground level. complete as directed by the Engineer-In-Charge including carriage of materials within all leads, lifts and other incidentals.		5 Numbers			Each	
10	Providing and fixing 1000 litres(one thousand) net capacity tank PVC water storage tank of ISI : 9001 : 2008 marked, Activa G.I. inlet and outlet connection , 15mm nominal bore ball valve and mosquito proof PVC cover with locking arrangement including hoisting up to all height above ground level. complete as directed by the Engineer-In-Charge including carriage of materials within all leads, lifts and other incidentals.		4 Numbers			Each	
11	Providing and fixing 2000 litres(two thousand) net capacity tank PVC water storage tank of ISI : 9001 : 2008 marked, Activa G.I. inlet and outlet connection , 15mm nominal bore ball valve and mosquito proof PVC cover with locking arrangement including hoisting up to all height above ground level. complete as directed by the Engineer-In-Charge including carriage of materials within all leads, lifts and other incidentals.		1 Numbers			Each	
TOTAL :-							


 Executive Engineer,
 HPPWD Division,
 Tanda at Nagrota Bagwan.

SCHEDULE OF QUANTITY

ESTIMATED COST:- 187586.00
EARNEST MONEY:- 3750.00
TIME LIMIT:- ONE MONTH

NAME OF WORK :- Special repair to Library at Dr. R.P. Govt. Medical College at Tanda in Distt. Kangra (H.P.)
SUB-HEAD :- Dismantling floor, repair of plaster, P/F floor tile, wall tile, W.S. & S.I. etc. in Ground floor Library

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Making the opening in brick masonry including dismantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete, to match existing surface i/c disposal of mulba/ rubbish to the nearest municipal dumping ground, all complete as per direction of Engineer-in- Charge including carriage of materials within all leads, lifts and other incidentals	20.10 Square metres			Per Square metre	
2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres (Fifty metres) lead as per direction of Engineer - in - charge Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix) complete as per direction of Engineer-in- Charge including carriage of materials within all leads, lifts and other incidentals.	4.41 Cubic metres			Per Cubic metre	
3	Repairs to plaster of thickness 12 mm to 20 mm (Twelve millimetres to twenty millimetres) in patches of area 2.5 sq.meters (Two point five square metres) and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground with cement mortar 1:4 (1 cement : 4 fine sand) complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	18.30 Square metres			Per Square metre	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm (Twenty millimetres) nominal size) complete as per direction of Engineer-in- Charge including carriage of materials within all leads, lifts and other incidentals.	5.79 Cubic metres			Per Cubic metre	
5	Providing and laying 15 to 20 mm (fifteen to twenty millimeters) thick granite stone in flooring 20 mm (Twenty millimeters) (average) thickness base of cement mortar 1:3 (One cement : Three sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone including rubbing polishing and moulding in single/double layer complete as per direction of Engineer-in- Charge including carriage of materials within all leads, lifts and other incidentals.	10.80 Square metres			Per Square metre	
6	Providing and laying 600x600 mm (Six hundred into si hundred millimetres) of size Vitrified tiles in floor with different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% (Zero point eight percent) and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately) complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts	9.30 Square metres			Per Square metre	
7	Providing and laying 300x450 mm (Three hundred into four hundred fifty millimetres)Size of Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% (Zero point zero eight percent) and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm (Six millimetres) thickness, including grouting of joints (Payment for grouting of joints to be made separately) complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	18.30 Square metres			Per Square metre	
8	Providing and fixing 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, (i) Single socketed pipes complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.					
i	100mm (One hundred millimetres) dia pipes	6.00 Running metres			Per Running metre	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
i	2	3	4	5	6	7
ii	150mm (One hundred fifty millimetres) dia pipes	6.00 Running metres			Per Running metre	
iii	Single tee with door 75x75x75 mm (Seventy five into seventy five millimetres)	4 Numbers			Each	
iv	Single tee without door 75x75x75 mm (Seventy five into seventy five millimetres)	2 Numbers			Each	
v	Coupler 110 mm (One hundred ten millimetres)	5 Numbers			Each	
vi	Bend 110 mm (One hundred ten millimetres)	6 Numbers			Each	
9	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.	43.71 Square metres			Per Square metre	
10	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	17.48 Square metres			Per Square metre	
11	Wall painting (Two coat) with plastic emulsion paint of approved brand and manufacture on undecorated wall surfaces to give an even shade including thoroughly bushing the surface free from mortar droppings and other foreign matter and sand papered smooth including applying of putty as required for marking the surface complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	43.71 Square metres			Per Square metre	
12	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 complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.					
i	15mm (Fifteen millimetres) nominal bore	15.00 Running metres			Per Running metre	
ii	20mm (Twenty millimetres) nominal bore	10.00 Running metres			Per Running metre	
13	Providing and fixing wash basin with C.I. brackets, 15 mm (Fifteen millimetres) C.P. brass pillar taps, 32 mm (Thirty two millimetres) C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require White Vitreous China Wash basin size 630x450 mm (Six hundred thirty into four hundred fifty millimetres) with a pair of 15 mm C.P. brass pillar taps complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals	1 Numbers			Each	
14	Providing and fixing plastic seat (Solid/Hollow type) and cover Cera, Jaquar and Hindware for wash down water closet with C.P. Brass hinges and rubber buffers complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	1 Numbers			Each	
15	Providing and fixing 100 mm (One hundred millimetres) sand cast Iron grating for gully trap complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	4 Numbers			Each	
16	Providing and fixing 32mm (Thirty two millimetres) dia C.P. Brass waste pipe for wash basin or sink ISI make complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	4 Numbers			Each	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
17	Providing and fixing 32mm (Thirty two millimetres) diameters M.I. Union for wash basin or sink ISI make complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	4 Numbers			Each	
18	Providing and fixing 600x450mm (Six hundred fifty millimetres) size bevelled edge mirror of superior glass mounted on 6mm thick A.C. Sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	1 Numbers			Each	
19	Providing and fixing 32mm (Thirty two millimetres) to wall ceiling and floor complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	2 Numbers			Each	
20	Providing and fixing chromium plated brass soap dish with C.P. brass brackets fixed to wooden cleats with C.P. brass screws Cera, Jaquar and Hindware complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	2 Numbers			Each	
21	Providing and fixing 15mm (Fifteen millimetres) diameters long nose brass bib tap (Superior or heavy type) Cera, Jaquar and Hindware complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	1 Numbers			Each	
22	Providing and fixing 15mm (Fifteen millimetres) dia long body brass bib tap (Superior or heavy type) Cera, Jaquar and Hindware complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	1 Numbers			Each	
23	Providing and fixing 15mm (Fifteen millimetres) C.P. brass angle valve without nuts and pipe Cera, Jaquar and Hindware complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	4 Numbers			Each	
24	Providing and fixing P.V.C. connection 300x450mm (Three hundred into four hundred fifty millimetres) length with check nut and brass union Cera, Jaquar and Hindware complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	6 Numbers			Each	
25	Providing and fixing PTMT jet spray of approved quality and colour with one metre tube complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	4 Numbers			Each	
26	Providing and fixing 15mm (Fifteen millimetres) PTMT concealed stop cock with flange of approved quality and colour complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	4 Numbers			Each	
27	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 complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	4 Numbers			Each	
28	Providing and fixing 15mm (Fifteen millimetres) PTMT pillar cock fancy of approved quality and colour complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	2 Numbers			Each	
29	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 complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	2 Numbers			Each	
30	Providing and fixing brass full way valve with wheel complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.					
i	15mm (Fifteen millimetres) nominal bore	2 Numbers			Each	
ii	20mm (Twenty millimetres) nominal bore	1 Numbers			Each	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
31	Providing and fixing 32mm (Thirty two millimetres) dia C.P. Brass chain 50cm (Fifty centimetre) long and rubber plug of following sizes for sink or wash basin complete as per direction Engineer-In-charge including carriage of material within all leads, Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	1 Numbers			Each	
32	Providing and fixing 32mm (Thirty two millimetres) dia rubber plug for sink/wash basin complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	1 Numbers			Each	
33	Providing and fixing vitreous china wash down water closet (European type W.C. Pan) Hind-ware, cera, parry, ware or equivalent make including jet pressure with integral 'P' or 'S' trap including jointing the trap with soil pipe in cement mortar 1:1 (1 cement: one sand) seat and cover to be measured and paid for separately) Angle Indian Universal closet complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	1 Numbers			Each	
34	Providing and fixing PTMT Coloured / white high density polyethylene / poly propylene 10 litres (Ten litres) capacity (full flush) European standard control low level flushing cistern with fittings with a pair of brackets with fittings such as lead valve, siphon, 15mm (Fifteen millimetres) nominal size PVC ball valve with polythene float, with push button, couplings for connections with inlet, outlet and overflow pipe, 40mm (Forty millimetres) dia C.P. flush bend including cutting holes in walls and making good the same and connecting the flush bend with cistern and closet (overflow pipe to be measured and paid for separately) Cera, Jaquar and Hindware complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	1 Numbers			Each	
TOTAL :-						


 Executive Engineer
 HP PWD Division
 Tanda at N/Bagwan.

SCHEDULE OF QUANTITY

ESTIMATED COST :- 261799.00
 EARNEST MONEY :- 5250.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of link road Chakban Gheen Sohran to Thathal Km 0/000 to 1/735 in District Kangra, (H.P.).

SUB-HEAD :- Construction of Retaining wall at RD 1/110 to 1/135.

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.	34.13 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.	62.46 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.	21.85 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.	18.90 Cubic metres			Per cubic metre	
TOTAL :-						

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

SCHEDULE OF QUANTITY

ESTIMATED COST :- 212603.00
 EARNEST MONEY :- 4300.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of link road from main road Bane-di-Hatti Khapper Nallah in District Kangra, (H.P.).

SUB-HEAD :- Construction of wing walls to existing vented causeway at RD 0/050 & Providing & laying Cement concrete pavement (M-20) grade at Km 0/060 to 0/085 & 2/400 to 2/415.

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.	10.80 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.	14.85 Cubic metres			Per cubic metre	
3	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 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.	3.06 Cubic metres			Per cubic metre	
4	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.	7.20 Running metre			Per Running metre	

5	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.	5.40 Cubic metres		Per cubic metre
6	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two millimetres) nominal size at the rate of 0.22 cum (zero point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 including carriage of materials within all leads and lifts and other incidental.	5.91 Cubic metres		Per Cubic metres
7	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 1:2:4 (One cement; two sand; four graded broken/crushed stone aggregate 20mm (Twenty 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.	11.81 Cubic metres		Per cubic metre
8	Providing and laying 80mm (Eighty millimetre) thick cement concrete paver block of M-30 grade with approved colour, design & pattern factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in- Charge complete including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	45.00 Square metres		Per square metre
TOTAL :-				


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

SCHEDULE OF QUANTITY

ESTIMATED COST :- 210411.00
 EARNEST MONEY :- 4250.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of Samloti to Sarotri road Km 0/000 to 4/500 in District Kangra, (H.P.).

SUB-HEAD :- Construction of U-Shape drain at RD 0/660 to 0/795.

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.	72.90 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.	42.53 Cubic metres			Per cubic metre	
TOTAL :-						


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

SCHEDULE OF QUANTITY

ESTIMATED COST: - ₹ 117000.00
 EARNEST MONEY :- ₹ 2350.00
 TIME LIMIT :- THREE MONTHS

NAME OF WORK :- 1. Construction of 25.00 mtrs span Foot Bridge over Daroon Khad at RD 0/090 to connect Dhiman Basti Serathana in Distt. Kangra(H.P.).
 2. Construction of 25.00 mtrs span Foot Bridge over Daroon Khad at RD 0/100 on link road from Sera to Chhanwar in G.P. Serathana in Distt. Kangra (H.P.).

SUB-HEAD :- *Preparation of Hydraulic Data for 2 No. bridges.*

S. No	Description of items	Quantity	RATES		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Preparation of 2 Nos. Hydraulic Data complete in all respect in manuscript form and submission of the same to higher office for approval. If any correction/amendment has desired by the head office the same may be corrected as desired and directed by the Engineer-in-Charge and higher office complete in all respect and payment shall be made after the approval of the same by the higher office with in all leads, lifts and other incidentals.	2 Number			Each	
TOTAL :-						


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

Schedule of Quantity

ESTIMATED COST :- ₹ 239670.00
 EARNEST MONEY :- ₹ 4800.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- Restoration of rain damages on Ambari Kawari road 0/000 to 6/500 in Distt. Kangra (H.P.).
 SUB-HEAD :- Construction of U-Shape drain at RD 6/075 to 6/175 (Telecom. Deposit)

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.	42.90 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.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	39.50 Cubic metres			Per cubic metre	
3	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.	489.98 Kilogram			Per kilo gram	
TOTAL :-						


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

SCHEDULE OF QUANTITY

ESTIMATED COST: - Rs. 399177.00
 EARNEST MONEY :- Rs. 8000.00
 TIME LIMIT :- TWO MONTHS

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 3/715 to 3/730

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	2	3	4	5	6	7
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals.	34.45 Cubic metres	-		Per cubic metre	
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:5:10 (One cement : Five coarse sand : Ten graded stone aggregate 40 mm (Forty millimetres nominal size) as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	92.88 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.	46.90 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.	23.55 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.	3.24 Cubic metres			Per cubic metre	
TOTAL :-						

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

SCHEDULE OF QUANTITY

ESTIMATED COST :- 499800.00
 EARNEST MONEY :- 10000.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of road from Malan to Gujrehra Pathiar & Sakhrehar Km 0/000 to 6/785 in District Kangra, (H.P.).
SUB-HEAD :- Balance work of Providing and laying 450mm & 600 mm dia Hume pipe culvert between Km 0/000 to 1/000.

Sr No.	Description of items	Quantity	In fig	RATES In words	Unit	Amount
1	2	3	4	5	6	7
1	Providing and laying (to level or slope) 450mm dia (Four hundred fifty millimeter) diameters reinforced cement concrete pipe IS Class NP-2 for culverts on first class bedding or granular material in single row including fixing collar with cement mortar 1 : 2 (One cement : Two sand) but excluding the cost of excavation, protection works, back filling, concrete and masonry work in head walls and parapets as per drawing and M.O.R.D. technical specifications Clause 1108 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.	100.00 Running metres			Per Running metre	
2	Providing and laying (to level or slope) 600mm dia (Six hundred millimeter) diameters reinforced cement concrete pipe IS Class NP-2 for culverts on first class bedding or granular material in single row including fixing collar with cement mortar 1 : 2 (One cement : Two sand) but excluding the cost of excavation, protection works, back filling, concrete and masonry work in head walls and parapets as per drawing and M.O.R.D. technical specifications Clause 1108 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.	80.00 Running metres			Per Running metre	
TOTAL :-						


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

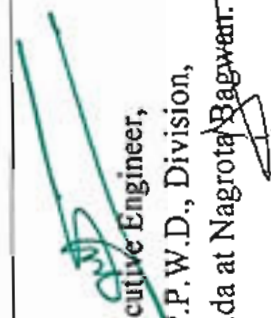
Schedule of Quantity

ESTIMATED COST :- ₹ 199691.00
 EARNEST MONEY :- ₹ 4000.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- Construction of Pucca Path from Langana to Lal Chand House in G.P. Thana Khas in Distt. Kangra (H.P.) (DEPSIT WORK).

SUB-HEAD :- Providing and laying cement concrete pavement road (M-20) grade at RD 0/000 to 0/075

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	2	3	4	5	6	7
1	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type A of size 13.2mm (thirteen point two millimetres) nominal size at the rate of 0.22 cum (zero point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 including carriage of materials within all leads and lifts and other incidental.	11.85 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-Incharge including carriage of materials within all leads, lifts and other incidentals.	30.71 Cubic meters			Per cubic metre	
TOTAL :-						


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

SCHEDULE OF QUANTITY

ESTIMATED COST:- Rs. 497817.00
EARNEST MONEY:- Rs. 10000.00
TIME LIMIT : ONE MONTH

NAME OF WORK:- Annual repair & maintenance of various roads under H.P.P.W.D. Sub-Division, Baroh 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	2	3	4	5	6	7
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.	6500.00 Square meters			Per square metre	
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.	2500.00 Running meters			Per running metre	
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.	7200.00 Square meters			Per square metre	
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.	1850.50 Square metres			Per square metre.	
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.	5900.60 Square metres			Per square metre.	
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 Nagrota Bagwan.

SCHEDULE OF QUANTITY

ESTIMATED COST :- 350617.00
 EARNEST MONEY :- 7050.00
 TIME LIMIT : ONE MONTHS

NAME OF WORK :- Special Repair to Super Speciality in Dr. RPGMC at Tanda in Distt. Kangra.

SUB-HEAD :- P/F Aluminium partition. P/F Glass Panes, P/F Aluminium Grill Etc in SSB Block 1st Floor near Gastro OPD.

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, mitred 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.	430.04 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, mitred 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	56.94 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.	9.08 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.	11.50 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	8.00 Numbers			Each	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
ii)	250x16mm(Two hundred fifty into sixteen millimetres) nominal size	14.00 Numbers			Each	
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 including carriage of material within all leads, lifts and other incidentals.					
i)	300x10mm (Three hundred into sixteen millimetres) nominal size	8.00 Numbers			Each	
ii)	250x16mm(Two hundred fifty into sixteen millimetres) nominal size	10.00 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.					
i)	125mm (One hundred twenty five millimetres) nominal size	4.00 Numbers			Each	
ii)	100mm (One hundred millimetres) nominal size	4.00 Numbers			Each	
7	Providing and fixing 100mm (One hundred millimetres) bright finished brass door stoper with rubber cushion screws etc to suit shutter thickness complete and as per direction of the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	2.00 Numbers			Each	
8	Providing and fixing 12mm (Twelve millimetres) thick prelaminated board both side bwp phenol bonded exterior/interior grade panelled shutters including bright finished/black enamelled 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.	54.60 Square metres			Per square metre	
TOTAL :-						


 Executive Engineer,
 HP PWD Division,
 Tanda at N/Bagwan.

SCHEDULE OF QUANTITY

ESTIMATED COST :- Rs. 490021.00
 EARNEST MONEY :- Rs. 9800.00
 TIME LIMIT :- TWO MONTHS

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 3/908 to 3/917

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	2	3	4	5	6	7
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals.	18.83 Cubic metres			Per cubic metre	
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:5:10 (One cement : Five coarse sand : Ten graded stone aggregate 40 mm (Forty millimetres nominal size) as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	116.57 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.	65.20 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.	12.60 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.	5.95 Cubic metres			Per cubic metre	
TOTAL :-						


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

SCHEDULE OF QUANTITY

ESTIMATED COST:- Rs. 142695.00
 EARNEST MONEY :- Rs. 2900.00
 TIME LIMIT :- TWO MONTHS

NAME OF WORK :- Restoration of rain damages on link road to village Khanog Km 0/000 to 1/500 in Distt. Kangra (H.P.).
 SUB-HEAD :- Construction of Breastwall at RD 0/310 to 0/325

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	2	3	4	5	6	7
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals.	15.35 Cubic metres			Per cubic metre	
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:5:10 (One cement : Five coarse sand : Ten graded stone aggregate 40 mm (Forty millimetres nominal size) as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	36.29 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.	11.96 Running metres			Per running metre	
TOTAL :-						


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