

**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 **13.09.2023** 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 **12.09.2023** up to **4:00 P.M** and the application for issue of tender form shall be received on **11.09.2023** up to **12:00 noon**. The applications for issue of tender forms accompanied with enlistment letter or renewal letter and the earnest money in the shape of National Saving Certificates/Saving Account of the Post Office /Time Deposit account/FDR in Himachal Pradesh duly pledged in favour of Executive Engineer, HP PWD Division Tanda at Nagrota Bagwan.

The conditional tender and the tender received without earnest money will summarily be rejected. The offer of the tender shall be kept open for 120 days.

Sr. N.	Name of work	Estimated Cost	Earnest Money	Time limit
1.	Restoration of rain damages on Bushal Nariyalkar Sipanpat road Km 0/000 to 4/425 in Distt Kangra (HP) (SH:-Improvement of road width by providing retaining wall in wire crate work at RD 4/330 to 4/345).	261432/-	5250/-	Two months
2.	Special repair to residential building at Dr R.P. Govt. Medical College Tanda in Tehsil Nagrota Bagwan Distt Kangra (HP) (SH:-Dismantling work, P/F floor & wall tiles painting & Distempering W.S. & S.I. etc; in Type-V Block-B Qtr No 23).	369284/-	7400/-	Two months
3.	Special repair to Senior Boys hostel at Dr R.P. Govt. Medical College at Tanda in Distt Kangra (HP) (SH:-Balance work of brick in super-structure, providing and fixing water supply & sanitary installation etc;)	224579/-	4500/-	Two months
4.	Construction of Type-IV staff quarter HPPWD Tanda at Nagrota Bagwan in Distt Kangra (HP) (SH:-Balance work of civil work)	127183/-	2550/-	Two months
5.	Special repair to various Hostel at Dr R.P. Govt. Medical College Tanda in Tehsil Nagrota Bagwan Distt Kangra (HP) (SH:-P/F Glass panes Curtain rods etc;)	150100/-	3000/-	One month
6.	Special repair to Super Speciality block at Dr R.P. Govt. Medical College Tanda in Tehsil & Distt Kangra (HP) (SH:-P/F Aluminium work, P/F Tuffen glass etc; in Medical shop roof in ground floor)	175036/-	3500/-	One month
7.	Restoration of rain damages on Kaisthwari Tharu Warai Sunchar road Km 0/000 to 3/800 in Distt Kangra (HP) (SH:-Construction of U-shape drain with Edge wall in between Km 2/900 to 2/930 & V-shape drain in Km 2/930 to 3/000).	142674/-	2900/-	Two months
	Construction of link road from NH-154 to Dharamvir house in Gram Panchayat Hatwas Km 0/000 to 0/165 in Distt Kangra (HP) (SH:-Construction of retaining wall in Km 0/015 to 0/075).	499869/-	10000/-	Two months
9.	Special repair to Ravi Nursing Hostel in Dr R.P.G.M.C Tanda Distt Kangra (HP) (SH:-Providing and fixing barbed wire for extension of height of the boundary wall in Ravi Nursing Hostel).	497910/-	10000/-	Two months
10.	Restoration of rain damages on Patiyalkar Poud Kaled road Km 0/000 to 3/500 in Distt Kangra (HP) (SH:-Construction of retaining wall at RD 1/620 to 1/635).	498977/-	10000/-	Two months
11.	Annual repair and maintenance of HP PWD rest house at Dadh in District Kangra (HP) (SH:-Providing furnishing items in set No 1 & 2)	499980/-	10000/-	Two months
12.	Special repair to Paraclinic block at Dr R.P. Govt. Medical College at Tanda in Distt Kangra (HP)(SH:-Construction Ramp and Handicapped Bathroom in Paraclinic Block)	348349/-	7000/-	Two months
13.	Annual repair and maintenance of HP PWD rest House at Dadh in District Kangra (HP) (SH:-Providing Furnishing V.I.P Set).	499830/-	10000/-	Two months
14.	Restoration of rain damages on Patiyalkar Poud kaled road Km 0/000 to 3/500 in Distt Kangra (HP) (SH:-Construction of retaining wall at RD 1/750 to 1/765 and Toe wall at RD 2/050 to 2/070).	468604/-	9400/-	Two months
15.	Restoration of rain damages on link road from Kandi to Saroot road Km 0/000 to 8/000 in Distt Kangra (HP) (SH:-Improvement of road width by providing retaining wall in Km 7/705 to 7/728).	499291/-	10000/-	Two months
16.	Restoration of rain damages on Patiyalkar Poud Kaled road Km 0/000 to 3/500 in Distt Kangra (HP) (SH:-Construction of retaining wall at RD 1/405 to 1/415).	225322/-	4550/-	Two months

17	Restoration of rain damages on link road from Kandi to Saroot road Km 0/000 to 8/000 in Distt Kangra (HP) (SH:-Improvement of road width by providing retaining wall in Km 1/950 to 1/960, 5/845 to 5/850, 5/870 to 5/873 and 7/655 to 7/664).	329326/-	6600/-	Two months
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**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-

7034-64

Dated/ 28-8-2023

**Copy to the following for information and necessary action:-**

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

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



# Schedule of Quantity

NAME OF WORK :- Restoration of rain damages on Bushal Narvayalkar Sipanpat road Km 0/000 to 4/425 in Distt. Kangra (H.P.)

SUB HEAD :- Improvement of road width by providing Retaining wall in wire crate work at RD 4/330 to 4/345

ESTIMATED COST :- ₹ 261432.00  
EARNEST MONEY :- ₹ 5250.00  
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.	25.31	4	5	6	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 1:4:8 (One Cement : Four coarse sand) : Eight graded stone aggregate 40 mm (Forty millimetres) nominal size as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	11.25			Per cubic metre	
3	Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012, MORTH Clause 2500, of required size, Mesh Type 10x12 (D=100 mm with tolerance of ± 2%) Zinc coated, Mesh wire diameter 3.0 mm, mechanically edged/selvedged with partitions at every 1m interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2mm, supplied @ 3% by weight of Gabion boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per direction of Engineer-in-charge including carriage of materials within all leads, lifts and other incidentals.	70.31			Per cubic metre	
4	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	16.25			Per running metre	
5	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 H.P.W.D technical specifications and as directed by Engineer-in-charge including carriage of material within all leads, lifts and other incidentals.	22.95			Per cubic metre	
TOTAL :-						

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

**Schedule of Quantity**

ESTIMATED COST :- ₹ 369284.00  
EARNEST MONEY :- ₹ 7400.00  
TIME LIMIT : TWO MONTHS

**Name of Work:-** Special Repair to Residential Building at Dr. R.P. Govt. Medical College Tanda in Tehsil Nagroa Bagwan, Distt. Kangra (H.P.)  
**Sub Head:-** Dismantling work, P/F Floor & Wall tiles painting & Dispersing W/S & S.I etc in Type -V Block -B Qtr. No. 23

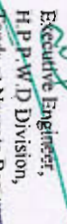
Sr. No	Description Of Item	Quantity	Rate		Unit	Amount
			In fig	In words		
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:3:6 (One cement : Three sand : six graded stone) or richer mix (If equivalent design mix) complete and as directed by the Engineer-in-charge, including carriage of materials within all leads, lifts and other incidentals	24.50 Cubic metres			Per cubic metre	
2	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters 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, all complete with cement mortar 1:4 (1 cement : 4 fine sand) complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	6.40 Square metres			Per Square metre	
3	Providing and fixing anodised / colour coated aluminium work for door (External door NO 14081 Size 127 x 44.45 x 3.19mm) , window, ventilators and partitions frame 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 rawplugs 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, milled and jointed mechanically where ever required including cleast angle, aluminium, snap beading for glazing/panelling C.P. brass/stainless steel screws. All complete as per architectural drawings and the directions of Engineer-in-Charge. For doors windows, ventilators and glazed partitions frames 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) as directed by the Engineer-in-charge including carriage of materials within all leads, lifts and other incidentals.	44.60 Kilograms			Per Kilogram	
1	Providing and fixing anodised / colour coated aluminium work for door , window, ventilators and partitions shutter 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 rawplugs 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, milled and jointed mechanically where ever required including cleast angle, aluminium, snap beading for glazing/panelling C.P. brass/stainless steel screws. All complete as per architectural drawings and the directions of Engineer-in-Charge. For doors windows, ventilators and glazed partitions frames 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) as directed by the Engineer-in-charge including carriage of materials within all leads, lifts and other incidentals.	36.50 Kilograms			Per Kilogram	
4	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene 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). With float glass panes of 3.5 mm (three point five millimetre) thickness (weight not less than 12.50 kg/ sqm) complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	4.10 Square metres			Per Square metre	
5	Providing and fixing 19mm thick Commercial Board water proof shutters for up boards including fixing with nickel plated piano hinges with screws etc) complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	10.56 Square metres			Per Square metre	
6	Providing and fixing 1.00mm thick coloured or plain lamination sheet (summica) on boards/ply wood sheets with approved adhesive and nails etc complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	10.80 Square metres			Per Square metre	
7	providing and laying Vitrified tiles in floor with / Nitco/ Rak/ 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 six hundred) complete and as directed by the Engineer- In-charge, including carriage of materials within all leads, lifts and other incidentals.	14.80 Square metres			Per Square metre	

8	Providing and laying Vitrified tiles in / Niteo/ Raki/ Simpola/ Kajinadifferent 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- In-charge, including carriage of materials within all leads, lifts and other incidentals	20.80	Square metres			Per Square metre	
9	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws 40 mm (Forty millimetre) thick shutters. Second class deodar wood complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	4.60	Square metres			Per Square metre	
10	Providing and fixing Stainless steel Road for pelmet grade 304, curtain rod 25 mm dia 1.20mm thick complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	45.00	Running metres			Per running metre	
11	Providing and fixing anodized aluminium sliding door bolts anodized transparent or dyed to required colour and shade with necessary screws etc. complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.						
i	300x16mm size (Three hundred into sixteen milimetres)nominal size	4	Numbers			Each	
ii	250x16mm(Two hundred fifty into sixteen milimetres) nominal size	4	Numbers			Each	
12	Providing and fixing anodized aluminium towse bolt (Barrel type) anodized transparent or dyed to required colour and shade with necessary screws etc. complete and as per direction of Engineer- In-charge, including carriage of materials within all leads, lifts and other incidentals.						
i	250x10mm (Two hundred fifty into ten milimetres)nominal size	6	Numbers			Each	
ii	200x10mm (Two hundred into ten milimetres)nominal size	6	Numbers			Each	
13	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.						
i	125mm (One hundred twenty five milimetres) nominal size	6	Numbers			Each	
ii	100mm (One hundred milimetres) nominal size	6	Numbers			Each	
14	Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	2	Numbers			Each	
15	P/F 12mm mm thick predominated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer- in-charge. Pre-laminated particle board with decorative lamination on both sides complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	3.40	Square metres			Per Square metre	
16	Painting two coats (excluding priming coat) on new steel and other metal surface under coat with ready mixed paint brushing to give an even shade including cleaning the surface all dirt, dust and other foreign matter with ready mixed paint than white complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	109.40	Square metres			Per Square metre	
17	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 dirt, dust and other foreign matter, sand papering and stopping- With paint other than white complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	340.14	Square metres			Per Square metre	
18	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 entire carriage of materials within all leads, lifts and other incidentals.	614.50	Square metres			Per Square metre	
19	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 entire carriage of materials within all leads, lifts and other incidentals.	307.40	Square metres			Per Square metre	

20	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 entire carriage of materials within all leads, lifts and other incidentals.	614.50	Square metres	Per Square metre	
21	Providing and fixing door hinges complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	12.00	Numbers	Each	
22	Grinding of existing marble chips flooring complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	90.00	Square metres	Per Square metre	
<b>W.S. &amp; S.L.</b>					
23	Providing to wall ceiling and floor galvanized mild steel tubes (heavy grade) tube fitting and clamp including making good the wall, ceiling and floor complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.				
i	15mm nominal bore	36.00	Running metres	Per running metre	
ii	20mm nominal bore	8.00	Running metres	Per running metre	
24	Providing and fixing vitreous china wash down water closet (European type W.C. Pan) Hind-ware, cera, party, ware or equivalent make including jet pressure with integral 'P' or 'S' trap including joining the trap with soil pipe in cement mortar 1:1 (1 cement: one sand) seal and cover to be measured and paid for separately) Angle Indian Universal closet complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	2	Numbers	Each	
25	Providing and fixing 100mm size 'P' or 'S' trap for water closet (squatting pan) including joining the trap with the pan and soil pipe in cement mortar 1:1 (1 cement : 1 sand ) Sand cast iron complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	2	Numbers	Each	
26	Providing solid plastic seat cover with lid for pedestal type W.C. pan complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	2	Numbers	Each	
27	Providing and fixing 550x400mm (Five thousand fifty into four hundred millimetre) size vitreous China wash basin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fittings complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	2	Numbers	Each	
28	Providing 32mm dia rubber plug for sink/wash basin complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	2	Numbers	Each	
29	Providing 32mm dia C.P. brass waste pipe for wash basin or sink complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	4	Numbers	Each	
30	Providing 32mm dia M.I. Union for wash basin or sink complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	6	Numbers	Each	
31	Providing 100mm sand cast iron grating for gully, floor or Nahut trap complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	6	Numbers	Each	
32	Providing 600 x 450mm (Six hundred into Four hundred fifty millimetre) 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 directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	2	Numbers	Each	
33	Providing 600mm x 20mm (Six hundred into twenty millimetre) nominal size C.P. Brass Towel rail complete with C.P. Brass brackets fixed to wooden plugs with C.P. Brass screws: complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	2	Numbers	Each	
34	Providing and fixing 600mm x 120mm glass shelf C.P. Brass bracket and guard rail complete, fixed to wooden plugs with C.P. Brass screws complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	9	Numbers	Each	
35	Providing chromium plated brass soap dish with C.P. brass brackets fixed to wooden cleats with CP brass screws complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	6	Numbers	Each	



36	Providing 15mm (Fifteen millimetres) diameters long nose brass bib tap (Superior or heavy type) Cera, Jaquar and Hindware complete and as per direction of Engineer-in-charge, including carriage of materials within all leads, lifts and other incidentals.	2	Numbers		Each	
37	Providing 15mm (Fifteen millimetres) dia long body brass bib tap (Superior or heavy type) Cera, Jaquar and Hindware complete and as per direction of Engineer-in-charge, including carriage of materials within all leads, lifts and other incidentals.	2	Numbers		Each	
38	Providing C.P. brass angle valve 15mm without nuts and pipes complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	8	Numbers		Each	
39	Providing Mixer for kitchen sink with casted swinging spout at top complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	1	Numbers		Each	
40	Providing bath shower, complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	1	Numbers		Each	
41	Providing 15mm nominal bore PVC connection with brass unions, 300/450mm length complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	8	Numbers		Each	
42	Providing brass full way valve with wheel complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.					
i	15mm (Fifteen millimetre)	2	Numbers		Each	
ii	20mm (Fifteen millimetre)	2	Numbers		Each	
43	Providing and fixing PVC floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.					
i	110mm x 90mm.	1	Numbers		Each	
ii	110 mm X 75 mm	1	Numbers		Each	
44	Providing and fixing 610 x460 mm with bowl depth 200 mm, stainless steel kitchen sink of approved standard ISI make with drain board and C.P. waste with C.I. or M.S. Brackets painted white including cutting holes and making good the same but excluding fitting complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	1	Numbers		Each	
45	Providing and fixing PMT Coloured / white high density polyethylene / poly propylene 10 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 nominal size PVC ball valve with polythene float, with push button, couplings for connections with inlet, outlet and overflow pipe, 40mm 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) complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	2	Numbers		Each	
46	Providing Chromium plated jet spray of approved quality and colour with one metre tube complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	6	Numbers		Each	
47	Providing and fixing chromium plate brass pillar cock of approved quality and colour, complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.					
i	15mm (Fifteen millimetre)	2	Numbers		Each	
ii	20mm (Fifteen millimetre)	2	Numbers		Each	
48	Providing and fixing 15mm (Fifteen millimetre) C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	4	Numbers		Each	
Total:-						

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

**SCHEDULE OF QUANTITY**

ESTIMATED COST :- ₹ 224579.00  
EARNEST MONEY :- ₹ 4500.00  
TIME LIMIT : TWO MONTHS


**NAME OF WORK :-** Special Repair to Senior Boys hostel at Dr.R.P. Govt. Medical College at Tanda in Distt Kangra (H.P)

**SUB-HEAD :-** Balance work of brick in super-structure, Providing and fixing water supply & sanitary installation etc;

S. No.	Description of Items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	Brick work with common burnt clay modular bricks of class designation 7.5 (Seven point five) in super-structure 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.	3 0.37 Cubic metre	4	5	6 Per cubic metre	7
2	Providing and laying 110mm (One hundred ten millimetres) dia on wall face PVC (D-Plas) 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-In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	342.00 Running metres			6 Per running metre	
3	Providing and fixing 110mm (One hundred ten millimetres) dia Coupler 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-In-charge, including carriage of materials within all leads, lifts and other incidentals	54.00 Numbers			6 Each	
4	Providing and fixing 110mm (One hundred ten millimetres) dia Bend 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-In-charge, including carriage of materials within all leads, lifts and other incidentals	64.00 Numbers			6 Each	
5	Providing corrugated G.I sheet roofing fixed with galvanised iron J or L hooks bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers filled with white lead complete excluding the cost of purllins rafters and trusses. 0.63 mm thick sheet, complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	5.49 Square metres			6 Per square metre	
6	Providing mild steel/Tor 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.	14.00 Kilogram			6 Per Kilogram	
7	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.	16.00 Numbers			6 Each	
8	Removing dry or oil bound distemper by washing and scraping and sand paping 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	362.12 Square metres			6 Per square metre	
9	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 paped 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.	362.12 Square metres			6 Per square metre	



S. No.	Description of Items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1		3	4	5	6	7
10	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.	362.12 Square metres			Per square metre	
11	Painting two coats (excluding priming coat) on new steel and steel 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-In-charge, including carriage of materials within all leads, lifts and other incidentals	66.15 Square metres			Per square metre.	
TOTAL :-						

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

# SCHEDULE OF QUANTITY

ESTIMATED COST :- ₹ 127183.00  
EARNEST MONEY :- ₹ 2550.00  
TIME LIMIT :- TWO MONTHS

NAME OF WORK :- Construction of Type-IV Staff Quarter H.P.W.D., Tanda at Nagrota Bagwan in Dist. Kangra (H.P.).

SUB-HEAD :- Balance work of Civil work.

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	Supplying and fixing 3.5mm to 4.00mm (Three point five millimetre to Four point Zero zero millimetre) thick glass panes with putty and glazing clips in steel doors, windows, clerestory windows, complete including carriage of materials within all leads, lifts and other incidentals, as per approved drawing, design and as directed by the Engineer-in-Charge.	3 16.20 Square metres	4	5	6 Per square metre	7
2	Providing and fixing 200mm (Two hundred millimetre) nominal size bright finished brass hard drawn hooks and eyes including necessary fitting complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge.	14 Numbers			Each	
3	Providing and fixing 300x16mm size (Three hundred into sixteen millimetres) nominal size aluminium anodised sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etcetera complete including carriage of materials within all leads, lifts and other incidentals, as per approved drawing, design and as directed by the Engineer-in-Charge.	7 Numbers			Each	
4	Providing and fixing 200x10mm (Two hundred into Ten millimetres) nominal size aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials within all leads, lifts and other incidentals, as per approved drawing, design and as directed by the Engineer-in-Charge.	56 Numbers			Each	
5	Providing and fixing 125mm (One hundred twenty five millimetre) nominal size aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials within all leads, lifts and other incidentals, as per approved drawing, design and as directed by the Engineer-in-Charge.	50 Numbers			Each	
6	Providing and fixing 150mm (One hundred fifty millimetre) nominal size bright finished floor brass door stopper with rubber cushion, necessary brass screws etc. to suit shutter thickness complete including carriage of materials within all leads, lifts and other incidentals, as per approved drawing, design and as directed by the Engineer-in-Charge.	11 Numbers			Each	
7	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in grillings, frames, guard bar, ladder, railings, brackets, gates and similar work complete including carriage of materials within all leads, lifts and other incidentals, as per approved drawing, design and as directed by the Engineer-in-Charge.	950.00 Kilograms			Per kilogram	
TOTAL :-						

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




**Schedule of Quantity**

ESTIMATED COST :- Rs. 150100.00  
 EARNEST MONEY :- Rs. 3000.00  
 TIME LIMIT ONE MONTHS

**Name of Work:-** Special Repair to Various Hostel at Dr. R.P. Govt. Medical College Tanda in Tehsil Nagrota Bagwan, Distt. Kangra (H.P.)  
**Sub Head:-** P/F Glass panes, Curtain Rods etc.

Sr. No	Description Of Item	Quantity	Rate		Unit	Amount
			In fig	In words		
1	Providing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with 3.5 mm Three point five millimeter/thick glass panes complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	40.80 Square metres			Per Square metre	
2	Providing and fixing Stainless steel curtain Rod for pelmet grade 304, curtain rod 25 mm dia 1.20mm thick complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	84.60 Running metres			Per running metre	
3	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-In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	54.00 Running metres			Per running metre	
i)	75 mm (Seventy five millimetres) dia	64.00 Running metres			Per running metre	
ii)	110mm (One hundred ten millimetres) dia	18.00 Numbers			Each	
4	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.	18.00 Numbers			Each	
<b>Total:-</b>						

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




# SCHEDULE OF QUANTITY

ESTIMATED COST:- ₹ 175036.00  
EARNED MONEY:- ₹ 3500.00  
TIME LIMIT : ONE MONTHS

NAME OF WORK:- Special Repair to Super Specialty Block at Dr. R.P. Govt. Medical College Tanda in Tehsil & Distt. Kangra (H.P.)  
SUB-HEAD :- P/F Aluminium work, P/F Tuffen glass etc. in Medical shop Roof in Ground floor.

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words.		
1	1	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, mitered and jointed mechanically where ever required including cleast angle, aluminium, snap beading for glazing/ paneling 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- In-charge, including carriage of materials within all leads, lifts and other incidentals.	180.96 Kilograms			Per kilogram	
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, mitered and jointed mechanically where ever required including cleast angle, aluminium, snap beading for glazing/ paneling 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/paneling shall be paid for separately) all complete as per architectural drawings and as directed by the Engineer- In-charge, including carriage of materials within all leads, lifts and other incidentals	19.50 Kilograms			Per kilogram	
2	Providing and fixing anodized aluminium sliding door bolts anodized transparent or dyed to required colour and shade with necessary screws etc. completed including entire carriage of materials within all leads, lifts and other incidentals	4.00 Numbers			Each	
i)	300x16mm size (Three hundred into sixteen milimetres)nominal size	4.00 Numbers			Each	
ii)	250x16mm(Two hundred fifty into sixteen milimetres) nominal size	4.00 Numbers			Each	
3	Providing and fixing 300x10mm (Three hundred into ten milimetres) aluminium tower bolts (berral 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.	4.00 Numbers			Each	
i)	300x10mm (Three hundred into sixteen milimetres) nominal size	4.00 Numbers			Each	
ii)	250x16mm(Two hundred fifty into sixteen milimetres) nominal size	4.00 Numbers			Each	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1		3	4	5	6	7
4	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-In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	191.00 Kilogram			Per Kilogram	
5	Supplying and fixing tuffen glass 8 mm (Eight millimetres) thick with 10cm (Ten centimetres) dia holes and chamfering of cutting edges of the glass complete and as per direction of Engineer-In-charge, including entire carriage of material within all leads, lifts and other incidentals.	26.46 Square metres			Per square metre	
TOTAL :-						

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

# Schedule of Quantity

ESTIMATED COST :- Rs. 142674.00  
EARNST MONEY :- Rs. 2900.00  
TIME LIMIT : TWO MONTHS

NAME OF WORK :- Restoration of rain dmages on Kaisthware Tharu Warai Sunehar road Km 0/000 to 3/800 in Distt. Kangra (H.P.)  
SUB HEAD :- Construction of U-Shape drain with Edge wall in between Km 2/900 to 2/930 & V-Shape Drain in Km 2/930 to 3/00

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 complete as per drawing and HP.P.W.D technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	19.05 Cubic meters	4	5	Per cubic metre	7
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering plain cement concrete 1:3:6 (One Cement : Three coarse sand : Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and HP.P.W.D technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	30.31 Cubic metres			Per cubic metre	
TOTAL :-						

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



# Schedule of Quantity

ESTIMATED COST :- ₹ 499869.00  
EARNEST MONEY :- ₹ 10000.00  
TIME LIMIT :- TWO MONTHS

NAME OF WORK :- Construction of link road from NH-154 to Dharamvir House in Gram Panchayat Hatwa Km 0/000 to 0/165 in Dist. Kangra (H.P.)  
SUB HEAD :- Construction of Retaining wall in Km 0/015 to 0/075

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	Excavation work by mechanical means (Hydraulic excavation) manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals.	28.50 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.	125.10 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.	56.00 Running metres			Per running metre	
5	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.	18.02 Cubic metres			Per cubic metre	
TOTAL :-						

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

# SCHEDULE OF QUANTITY

NAME OF WORK :- Special Repair to Ravi Nursing Hostel in Dr. RPOMC Tanda. Distt Kangra H.P.  
SUB-HEAD :- Providing and fixing Barbed wire for Extension of height of the Boundary Wall in Ravi Nursing Hostel.

ESTIMATED COST :- 497910.00  
EARNEST MONEY :- ₹ 10000.00  
TIME LIMIT : TWO MONTHS

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	44.93 Cubic metre			Per Cubic metre	
2	Repairs to plaster of thickness 12 mm to 20 mm ( Twelve millimeters to Twenty millimeters ) in patches of area 2.5 sqm.meters ( two point five ) 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, all complete as per direction of Engineer-in- Charge. With cement mortar 1:4 (1 cement : 4 fine sand) complete and as directed by the Engineer- In-charge, including carriage of materials within all leads, lifts and other incidentals	77.76 Square metres			Per square metre	
3	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:2:4 (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.	39.74 Cubic metres			Per Cubic metre	
4	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- In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	1641.60 Kilogram			Per Kilo gram	
5	Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be struted on both sides and end post on one side only an provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum) ( nine point to hundred ) between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately). Payment to be made per metre cost of total length of barbed wire used. complete and as directed by the Engineer- In-charge, including entire carriage of materials within all leads, lifts and other incidentals	1284.00 Running metres			Per Running metre	
6	Supplying and fixing expended metal to wood or steel members in partitions etc. Weight exceeding 3kg and not exceeding 5kg per Sqm. complete and as directed by the Engineer- In-charge, including entire carriage of materials within all leads, lifts and other incidentals	13.92 Square metres			Per square metre	
7	Painting two coat (excluding priming coat) on new steel and other metal surface under coat with ready mixed paint brushing to give an even shade including cleaning the surface all dirt, dust and other foreign matter with ready mixed paint than white complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	94.52 Square metres			Per square metre	
TOTAL :-						

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



# Schedule of Quantity

NAME OF WORK :- Restoration of rain damages on Patiyalkar Poud Kaled road Km 0/00 to 3/500 in Dist. Kangra (H.P.)  
SUB HEAD :- Construction of Retaining wall at RD 1/620 to 1/635

ESTIMATED COST :- ₹ 498977.00  
EARNEST MONEY :- ₹ 10000.00  
TIME LIMIT : TWO MONTHS

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	Excavation work by mechanical means (Hydraulic excavator) manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square 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.	32.55 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 H.P.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	124.72 Cubic metres			Per cubic metre	
3	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	57.00 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 H.P.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	16.95 Cubic metres			Per cubic metre	
TOTAL :-						

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



# SCHEDULE OF QUANTITY

ESTIMATED COST :- RS. 499980.00  
EARNEST MONEY :- RS. 10000.00  
TIME LIMIT : TWO MONTHS

**NAME OF** Annual repair and maintenance of HPPWD Rest Houseat Dadh in District Kangra, (H.P.).

**SUB-HEAD :-** Providing Furnishing items in Set No. 1 & 2

Sr No.	Description of items	Quantity	RATES		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Providing Double Bed with size of 2.15m x 1.90m (Two point fifteen metre into one point ninety metre) with front and back Doh alongwith ornamental vertical posts made by best quality teak wood with walnut polish 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.	1 Numbers			Each	
2	Providing and fixing memory best quality foam mattress of size 1.90m x1.80m (One point ninety metre into one point eighty metre) of 20cm (Twenty centimetre) thickness made with 32 density foam with orthopedic quality 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.	1 Numbers			Each	
3	Providing Bonded & memory best quality foam mattress of size 1.95m x0.90m (One point ninety five metre into one point ninety metre) of 20cm (Twenty centimetre) for sofa cum bed thickness 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.	1 Numbers			Each	
4	Providing Cushions filled with best quality fiber and cloth/leather 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.	15 Numbers			Each	
5	Providing round pillow of best quality of cloth and filled with best quality of fiber/foam including cover 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.	1 Numbers			Each	

6	Providing Seven seater Sofa set made of teak wood and filled with best quality foam and covered with heavy best quality of cloth and material 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.	4 Numbers			Each	
7	Providing Dining chair made by teak wood and seat covered with heavy cloth and filled with best quality foam and material 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.	4 Numbers			Each	
8	Providing Round table made by teak wood having Glass top 4.5cm (Forty five centimetre) dia alongwith polishing 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.	2 Numbers			Each	
9	Providing wooden centre table made by teak wood size 1.20x0.75m (One point twenty into zero point seventy five metre) having Glass top with cabin wood including polishing 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.	1 Numbers			Each	
10	Providing table of teak wood size 0.60x0.60m (zero point sixty into zero point sixty metre) including polishing 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.	1 Numbers			Each	
11	Providing and fixing blinds of high quality cotton fabric with all accessories of size 1.00x1.30metres (One point zero into one point thirty metre) with provision of opening and closing properly function 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.	1 Numbers			Each	
12	Providing side table of teak wood size 0.45x0.45m (Zero point forty five into zero point forty five metre) including polishing 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.	1 Numbers			Each	

13	Providing Centre table of teak wood size 1.50x0.90m (One point fifty into zero point ninety metre) having Glam top including polishing 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.	1 Numbers			Each	
14	Providing sofa seats of teak wood and seat cover with best fabric and fill with best quality of foam including polishing 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.	5 Numbers			Each	
15	Providing sofa two seater 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.	1 Numbers			Each	
16	Providing Teak wood Cushioned visitor chair with arm covered with good quality of fabric including polishing 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.	1 Numbers			Each.	
17	Providing and fixing side rack of size 70x40x35cm (seventy into forty into fifty five centimetres) made of teak wood with walnut polishing 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.	1 Numbers			Each.	
18	Providing Bed sheet of standard size of high quality fabric 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.	1 Numbers			Each	
19	Providing Bed cover of standard size of high quality fabric 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.	1 Numbers			Each	
20	Providing Curtain palmet of ply wood and covered with good quality fabric 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.	9.20 Running metre			Per running metre	
21	Providing Carpet of size 1.45x0.80 mtrs (One point forty five into Zero point eighty metre) 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.	1 Numbers			Each	



22	Providing Carpet of size 1.20x1.70 mtrs (One point twenty into One point seventy metre) 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.	1 Numbers				Each	
23	Providing Carpet of size 1.95x1.30 mtrs (One point ninety five into One point thirty metre) 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.	1 Numbers				Each	
24	Providing side table of small size 0.42 x 0.38m (Zero point forty two into zero point thirty eight metre) 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.	1 Numbers				Each	
25	Providing and fixing Curtain of high quality fabric covered with curtain svin in front portion of size 3.80x2.70m (Three point eighty into Two point seventy metre) for windows including necessary fitting and screws 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 Numbers				Each	
26	Providing and fixing Curtain of high quality fabric covered with curtain svin in front portion of size 2.50x2.70m (Two point fifty into two point seventy metre) for doors including necessary fitting and screws 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 Numbers				Each	
27	Providing and fixing Curtain of high quality fabric covered with curtain svin in front portion of size 1.90x2.00m (One point ninety into two point zero zero metre) for doors including necessary fitting and screws 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 Numbers				Each	
28	Providing and fixing transparent Curtain of high quality fabric covered with curtain svin in front portion of size 2x2m (Two into two metre) for doors including necessary fitting and screws 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 Numbers				Each	

29	Providing and fixing transparent Curtain of high quality fabric covered with curtain swin in front portion of size 3.80x2.70m (Three point eighty into two point seventy metre) for windows including necessary fitting and screws 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 Numbers			Each	
30	Providing and fixing transparent Curtain of high quality fabric covered with curtain swin in front portion of size 2.50x2.70m (Two point fifty into two point seventy metre) for doors including necessary fitting and screws 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 Numbers			Each	
31	Providing and fixing bed cum sofa of size 2.30x1.10x0.75 mtrs (Two point thirty into one point ten into zero point seventy five metre) made with teak wood including walnut polishing 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.	1 Number			Each	
32	Providing and fixing photo frame of 30x30cm (Thirty into thirty centimetres) nominal size including necessary fitting and screws 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.	1 Numbers			Each	
33	Providing and fixing photo frame of 50x60cm (Fifty into sixty centimetres) nominal size including necessary fitting and screws 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 Numbers			Each	
34	Providing and fixing photo frame of 80x70cm (Eighty into seventy centimetres) nominal size including necessary fitting and screws 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.	1 Numbers			Each	
35	Providing and fixing photo frame of 70x80cm (Seventy into Eighty centimetres) nominal size including necessary fitting and screws 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 Numbers			Each	

36	Providing and fixing photo frame of 40x55cm (Forty into fifty five centimetres) nominal size including necessary fitting and screws 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.	1 Number				Each	
37	Providing and fixing photo frame of 55x45cm (Fifty five into Forty five centimetres) nominal size including necessary fitting and screws 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.	1 Number				Each	
38	Providing and fixing decorative side table lamp of ISI make HMM model K002c height 60cm including necessary fitting and screws 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.	1 Numbers				Each	
39	Providing and fixing decorative side table lamp of ISI make HMM model KKAL 436 height 70cm including necessary fitting and screws 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.	1 Numbers				Each	
TOTAL :-							

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



# SCHEDULE OF QUANTITY

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

SUB-HEAD :- Construction Ramp and Handicapped Bathroom in Paracrine Block.)

ESTIMATED COST :- ₹ 348349.00  
EARNEST MONEY :- ₹ 7000.00  
TIME LIMIT :- TWO MONTH

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	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 (ie equivalent design mix) complete as per direction of Engineer-in- Charge including carriage of materials within all leads, lifts and other incidentals.	3	4	5	6	7
2	Half brick masonry with common burnt clay F.P (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:4 (1 cement :4 coarse sand), all complete as per direction of Engineer-in- Charge including carriage of materials within all leads, lifts and other incidentals.	6.93			Per Cubic metre	
3	Brick work with common burnt clay machine moulded perforated bricks of class designation 12.5 conforming to IS: 2222 in superstructure above plinth level up to floor five level in cement mortar 1:6 (1 cement : 6 coarse sand) With F.P.S (non modular) bricks complete as per direction of Engineer-in- Charge including carriage of materials within all leads, lifts and other incidentals.	5.66			Per Square metre	
4	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level : 1:2:4 (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.	0.99			Per Cubic metre	
5	15mm thick cement plaster in single coat on rough side of brick/concrete/stone walls for interior plastering upto all floor level including arses, internal rounded angles, chamfers and or rounded angles not exceeding 80mm in girth and finished even and smooth with cement mortar 1:6 (1 cement: 6 sand) upto floor two level complete as directed by the Engineer-in-charge including carriage of materials within all leads, lifts and other incidentals.	2.40			Per Cubic metre	
6	Providing and laying 15 to 20 mm (fifteen to twenty millimetres) thick granite stone in flooring 20 mm (Twenty millimetres) (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 single/double layer complete as per direction of Engineer-in- Charge including carriage of materials within all leads, lifts and other incidentals.	14.30			Per Square metre	
7	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: 13477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately) complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	12.80			Per Square metre	
8	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 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-In-charge including carriage of materials within all leads, lifts and other incidentals.	4.23			Per Square metre	
9	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, mited 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- In-charge, including carriage of materials within all leads, lifts and other incidentals.	26.82			Per Square metre	
		28.08			per kilo gram	

i)	Providing and fixing anodized/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 cleest 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- In-Charge, including carriage of materials within all leads, lifts and other incidentals				40.56 Kilograms	Per kilo-gram	
10	Providing and fixing anodized aluminium sliding door bolts anodized transparent or dyed to required colour and shade with necessary screws etc. completed including entire carriage of materials within all leads, lifts and other incidentals						
j)	300x16mm size (Three hundred into sixteen millimetres) nominal size	4 Numbers		Each			
ii)	250x16mm(Two hundred fifty into sixteen millimetres) nominal size	4 Numbers		Each			
11	Providing and fixing 300x10mm (Three hundred into ten millimetres) aluminium tower bolts (barrel 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.						
j)	300x10mm (Three hundred into sixteen millimetres) nominal size	2 Numbers		Each			
ii)	250x16mm(Two hundred fifty into sixteen millimetres) nominal size	2 Numbers		Each			
12	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.						
j)	125mm (One hundred twenty five millimetres) nominal size	2 Numbers		Each			
ii)	100mm (One hundred millimetres) nominal size	2 Numbers		Each			
13	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.	1 Numbers		Each			
14	Providing and fixing 12mm (Twelve millimetres) thick prelaminated board both side bwp phenol bonded exterior/interior grade panelled shutters including bright finished/black enameled 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.	4.62 Square metres		Per square metre			
15	Providing and fixing stainless steel knock down railing of KICH AISI Grade 316 OF 38mm (Thirty eight millimetres) diametres hand rail fixed on 10x50mm (Ten into Fifty millimetres) SS flats baluster (Design code DJ 53-2-163) placed at 1200mm (One thousand two hundred millimetres) centre to centre along with 3(Three) numbers at the rate of 16mm (Sixteen millimetres) mid rails connected at the side of balusterd with fixture . The balusterd would be fixed on the floor with casted based plate minimum 6mm (Six millimetres) thickness based plates shall be consented with suitable S.S.316 GRADE covered cap railing hight to be taken at the rate of 85cm (Eighty five centimetres) from floor level. within all leads, lifts of materials and other incidentals, as per approved drawing, design and as directed by the Engineer-in-Charge.	14.40 Running metres		Per running metre			
16	Providing and laying Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (One cement : Four coarse sand 25mm (Twenty five millimetre) thick complete as per direction of Engineer-in- Charge including carriage of materials within all leads, lifts and other incidentals.	3.84 Square metres		Per Square metre			

17	Providing and fixing 110mm (One hundred ten millimetres) dia pipes 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-In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	24.00	Running metres	Per Running metre	
18	Providing and fixing Single tee with door 75x75x75 mm (Seventy five into seventy five millimetres) including necessary fitting complete and as per direction of Engineer-In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	8	Number	Each	
19	Providing and fixing Single tee without door 75x75x75 mm (Seventy five into seventy five millimetres) including necessary fitting complete and as per direction of Engineer-In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	8	Number	Each	
20	Providing and fixing Coupler 110 mm (One hundred ten millimetres) including necessary fitting complete and as per direction of Engineer-In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	6	Numbers	Each	
21	Providing and fixing Bend 110 mm (One hundred ten millimetres) including necessary fitting complete and as per direction of Engineer-In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	6	Numbers	Each	
22	Removing dry or oil bound disemper 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.	26.82	Square metres	Per Square metre	
23	Providing and applying white cement based putty of average thickness 1 mm (One millimetre), 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.	26.82	Square metres	Per Square metre	
24	Wall painting (Two coat) with plastic emulsion paint of approved brand and manufacturer on undecorated wall surfaces to give an even shade including thoroughly brushing the surface free from mortar droppings and sand 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.	26.82	Square metres	Per Square metre	
25	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	6.00	Running metres	Per Running metre	
ii	20mm (Twenty millimetres) nominal bore	16.00	Running metres	Per Running metre	
26	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-In-charge including entire carriage of materials within all leads, lifts and other incidentals.	1.00	Numbers	Each	
27	Providing and fixing 100mm (One hundred millimetres) diameters C.P. brass grating for gully floor or Nahni trap ISI make as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	8.00	Numbers	Each	
28	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.	1.00	Numbers	Each	
29	Providing and fixing 32mm (Thirty two millimetres) dia C.P. Brass waste for wash basin or sink ISI make, 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 32mm (Thirty two millimetres) diameters M.I. Union for wash basin or sink ISI make complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	6.00	Numbers	Each	



31	Providing and fixing flat back 600x450mm (Six hundred fifty millimetre) nominal size beveled edge mirror or superior glass mounted on 8mm 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.	3.00 Numbers			Each	
32	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.	2.00 Numbers			Each	
33	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-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	4.00 Numbers			Each	
34	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.	2.00 Numbers			Each	
35	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.	2.00 Numbers			Each	
36	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.	6.00 Numbers			Each	
37	Providing and fixing P.V.C. connection 300x450mm (Three hundred fifty millimetres) length with check nut and brass union complete and as directed by the Engineer-in-charge, including carriage of materials within all leads, lifts and other incidentals.	8.00 Numbers			Each	
38	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	
39	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.	1.00 Numbers			Each	
40	Providing and fixing brass stop cock of approved quality Cera or equivalent as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals	2.00 Numbers			Each	
41	Providing and fixing 600x120mm (Six 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	
42	Providing and fixing PTMT pillar cock of approved Cera or its equivalent quality and colour as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	2.00 Numbers			Each	
43	Providing and fixing 600x20mm (Six hundred 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	
44	Providing and fixing crane wall hung wash basin with cat No. S2040159 pillar taps, 32 mm (Thirty two millimetres) waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required White Vitreous China Wash basin size 665x545x190 mm 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.	1.00 Number			Each	

45	Providing and fixing one piece EWC (European water closet) with plastic seat (Solid/Hollow type) and cover Cera, Jaquar and Hindware for wash down water closet with C.P. Brass hinges and rubber buffers Cat No. S1013200 One piece EWC S Trap 300mm with Cat No. B1520118 soft close seat cover complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	1.00 Numbers			Each	
46	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.	2.00 Numbers			Each	
47	Providing and fixing wash basin with C.I. brackets, 15 mm (Fifteen millimetres) C.P. brass pillar taps, 32 mm (Thirty five millimetres) C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: Stainless Steel AISI-304(1/8) Round basin 405x355 mm (Four hundred five into three hundred fifty five millimetres) with single 15 mm (Fifteen millimetres) C.P. brass pillar tap complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	1.00 Numbers			Each	
48	Providing and fixing U-Shaped hand rail wall mounted rail with hinge 600x100mm nominal size Cat No. B2210107 including necessary fitting complete make Cera/ Hindware etc, complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	1.00 Numbers			Each	
49	Providing and fixing hand rail wall mounted rail without hinge 600x100mm nominal size Cat No. B2210102 including necessary fitting complete make Cera/ Hindware etc, complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	1.00 Numbers			Each	
50	Providing and fixing Cat No. B2210108 bottle trap (32mm nominal size) diameters hinged hand rail 750x100mm paper holder and 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.	1.00 Numbers			Each	
51	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.	4.00 Numbers			Each	
52	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. Bottle trap	4.00 Numbers			Each	
53	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.	1.00 Numbers			Each	
TOTAL :-						

Executive Engineer,  
H.P.W.B. Division,  
Tatiga in Nagera Bagawan.

# SCHEDULE OF QUANTITY

ESTIMATED COST: - Rs. 499830.00  
EARNEST MONEY : - Rs. 10000.00  
TIME LIMIT : TWO MONTHS

**NAME OF** Annual repair and maintenance of HPPWD Rest Houseat Dadh in District Kangra, (H.P.).

**SUB-HEAD:-** Providing Furnishing V.I.P. Set

Sr No.	Description of Items	Quantity	RATES		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Providing Double Bed with size of 2.15m x 1.90m (Two point fifteen metre into one point ninety metre) with front and back Doh alongwith ornamental vertical posts made by best quality teak wood with walnut polish 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.	1 Numbers			Each	
2	Providing and fixing memory best quality foam mattress of size 1.90m x1.80m (One point ninety metre into one point eighty metre) of 20cm (Twenty centimetre) thickness made with 32 density foam with orthopedic quality 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.	1 Numbers			Each	
3	Providing Bonded & memory best quality foam mattress of size 1.95m x0.90m (One point ninety five metre into one point ninety metre) of 20cm (Twenty centimetre) for sofa cum bed thickness 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.	1 Numbers			Each	
4	Providing Cushions filled with best quality fiber and cloth/leather 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.	15 Numbers			Each	
5	Providing round pillow of best quality of cloth and filled with best quality of fiber/foam including cover 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.	1 Numbers			Each	



6	Providing Seven seater Sofa set made of teak wood and filled with best quality foam and covered with heavy best quality of cloth and material 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.	3 Numbers				Each	
7	Providing Dining chair made by teak wood and seat covered with heavy cloth and filled with best quality foam and material 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.	4 Numbers				Each	
8	Providing teak wood Dining table size 1.85 x1.10m (One point eighty five into one point ten metre) having best quality white granite top including polishing 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.	1 Numbers				Each	
9	Providing Round table made by teak wood having Glass top 45cm (Forty five centimetre) dia alongwith polishing 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.	2 Numbers				Each	
10	Providing wooden Tray of leather of decorative of paper print 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.	1 Numbers				Each.	
11	Providing table of teak wood size 0.60x0.60m (zero point sixty into zero point sixty metre) including polishing 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.	1 Numbers				Each	
12	Providing and fixing blinds of high quality cotton fabric with all accessories of size 1.00x1.30metres (One point zero into one point thirty metre) with provision of opening and closing properly function 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.	1 Numbers				Each	

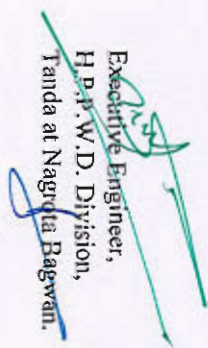
13	Providing side table of teak wood size 0.45x0.45m (Zero point forty five into zero point forty five metre) including polishing complete including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications as per the direction and entire satisfaction 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.	1 Numbers				Each	
14	Providing Rectangular rack with table of teak wood size 1.25x0.40m (One point twenty five into zero point forty metre) including polishing 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.	1 Numbers				Each	
15	Providing sofa seates of teak wood and seal cover with best febric and fill with best quality of foam including polishing 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.	5 Numbers				Each	
16	Providing Teak wood Cushioned visitor chair with arm covered with good quality of febric including polishing 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.	1 Numbers				Each.	
17	Providing and fixing side rack of size 70x40x55cm (seventy into forty into fifty five centimetres) made of teak wood with walnut polishing 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.	1 Numbers				Each.	
18	Providing Bed sheet of standard size of high quality fabric 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.	1 Numbers				Each	
19	Providing Bed cover of standard size of high quality fabric 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.	1 Numbers				Each	
20	Providing Curtain palmet of ply wood and covered with good quality fabric 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.	9.20 Running metre				Per running metre	

21	Providing Carpet of size 1.70x1.20 mtrs (One point seventy into One point twenty metre) 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.	1 Numbers				Each	
22	Providing Carpet of size 2.35x1.60 mtrs (Two point thirty five into One point sixty metre) 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.	1 Numbers				Each	
23	Providing side table of medium size 0.52 x 0.38m (Zero point fifty two into zero point thirty eight metre) 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.	1 Numbers				Each	
24	Providing side table of small size 0.42 x 0.38m (Zero point forty two into zero point thirty eight metre) 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.	1 Numbers				Each	
25	Providing and fixing Curtain of high quality fabric covered with curtain svin in front portion of size 3.80x2.70m (Three point eighty into Two point seventy metre) for windows including necessary fitting and screws 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 Numbers				Each	
26	Providing and fixing Curtain of high quality fabric covered with curtain svin in front portion of size 2.50x2.70m (Two point fifty into two point seventy metre) for doors including necessary fitting and screws 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 Numbers				Each	
27	Providing and fixing Curtain of high quality fabric covered with curtain svin in front portion of size 1.90x2.00m (One point ninety into two point zero metre) for doors including necessary fitting and screws 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 Numbers				Each	



28	Providing and fixing transparent Curtain of high quality fabric covered with curtain svin in front portion of size 2x2m (Two into two metre) for doors including necessary fitting and screws 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	Numbers			Each	
29	Providing and fixing transparent Curtain of high quality fabric covered with curtain svin in front portion of size 3.80x2.70m (Three point eighty into two point seventy metre) for windows including necessary fitting and screws 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	Numbers			Each	
30	Providing and fixing transparent Curtain of high quality fabric covered with curtain svin in front portion of size 2.50x2.70m (Two point fifty into two point seventy metre) for doors including necessary fitting and screws 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	Numbers			Each	
31	Providing and fixing photo frame of 45x45cm (Forty five into forty five centimetres) nominal size including necessary fitting and screws 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.	1	Number			Each	
32	Providing and fixing photo frame of 30x30cm (Thirty into thirty centimetres) nominal size including necessary fitting and screws 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.	1	Numbers			Each	
33	Providing and fixing photo frame of 50x60cm (Fifty into sixty centimetres) nominal size including necessary fitting and screws 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	Numbers			Each	
34	Providing and fixing photo frame of 80x70cm (Eighty into seventy centimetres) nominal size including necessary fitting and screws 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.	1	Numbers			Each	

35	Providing and fixing photo frame of 70x80cm (Seventy into Eighty centimetres) nominal size including necessary fitting and screws 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 Numbers			Each	
36	Providing and fixing photo frame of 45x55cm (Forty five into fifty five centimetres) nominal size with hand made embroidery/painting including necessary fitting and screws 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.	1 Number			Each	
37	Providing and fixing decorative side table lamp of ISI make HMM model K002e height 60cm including necessary fitting and screws 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.	1 Numbers			Each	
38	Providing and fixing decorative side table lamp of ISI make HMM model KKAL 436 height 70cm including necessary fitting and screws 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.	1 Numbers			Each	
39	Providing and fixing decorative side table lamp of ISI make height 55cm including necessary fitting and screws 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 Numbers			Each	
40	Providing and fixing teak wood side decorative table with glass top of size 60x60cm including necessary fitting and screws 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 Numbers			Each	
<b>TOTAL :-</b>						

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

# Schedule of Quantity

**NAME OF WORK :-** Restoration of rain damages on Paityalkar Poud Kaled road Km 0/00 to 3/500 in Dist. Kangra (H.P.)  
**SUB HEAD :-** Construction of Retaining wall at RD 1/750 to 1/765 and Toe wall at RD 2/050 to 2/070

ESTIMATED COST :- ₹ 468604.00  
EARNEST MONEY :- ₹ 9400.00  
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	45.10		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.	67.50			Per cubic metre	
3	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:2:4 (One cement : Two coarse sand : Four graded stone aggregate 20mm (Twenty 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.	34.00			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.	13.00			Per running metre	
5	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.	10.95			Per cubic metre	
<b>TOTAL :-</b>						

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



# Schedule of Quantity

**NAME OF WORK :-** Restoration of rain damages on link road from Kandri to Saroot road Km 0/000 to 8/000 in Distt. Kangra (H.P.)  
**SUB HEAD :-** Improvement of road width by providing Retaining wall in Km 7/705 to 7/728

ESTIMATED COST :- ₹ 499291.00  
EARNEST MONEY :- ₹ 10000.00  
TIME LIMIT :- TWO MONTHS

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	Excavation work by mechanical means (Hydraulic excavator) manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ranning of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals.	45.23 Cubic meters	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-Incharge including carriage of material within all leads, lifts and other incidentals.	118.83 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.	76.23 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.	37.81 Cubic metres			Per cubic metre	
<b>TOTAL :-</b>						

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




# Schedule of Quantity

**NAME OF WORK :-** Restoration of rain damages on Patiyalkar Poud Kaled road Km 0/00 to 3/500 in Distt. Kangra (H.P.)  
**SUB HEAD :-** Construction of Retaining wall at RD 1/405 to 1/415

**ESTIMATED COST:-** ₹ 225322.00  
**EARNEST MONEY :-** ₹ 4550.00  
**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.	20.10			Per cubic metre	
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:5:10 (One cement : Five coarse sand : Ten graded stone aggregate 40 mm (Forty millimetres nominal size) as per drawing and H.P.PWD technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	56.50			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-In-charge including carriage of materials within all leads, lifts and other incidentals.	19.00			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 H.P.PWD technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	6.10			Per cubic metre	
<b>TOTAL :-</b>						


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

# Schedule of Quantity

ESTIMATED COST :- ₹ 329326.00  
EARNEST MONEY :- ₹ 6600.00  
TIME LIMIT :- TWO MONTHS

**NAME OF WORK :-** Restoration of rain damages on link road from Kandri to Saroot road Km 0/000 to 8/000 in Distt. Kangra (H.P.)  
**SUB HEAD :-** Improvement of road width by providing Retaining wall in Km 1/950 to 1/960, 5/845 to 5/850, 5/870 to 5/873 and 7/655 to 7/664

S. No.	Description of Items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	Excavation work by mechanical means (Hydraulic excavator) manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ranning of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals.	32.43			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.	77.82			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.	29.36			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.	31.19			Per cubic metre	
<b>TOTAL :-</b>						

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