

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

***** Notice Inviting Tender *****


Sealed item rate tender on form No. 6 & 8 are hereby invited by the Executive Engineer, HP PWD Division Tanda at Nagrota Bagwan on behalf of Governor of Himachal Pradesh for the following work from the approved and eligible contractors enlisted in HP PWD (B & R) whose registration stood renewed as per revised rules so as to reach in his office on or before on **14.03.2022** up to **11:00 A.M.** And the same shall be opened on the same day at **11:30 A.M.** in the presence of intending contractors or their authorized representatives. The tender form can be obtained from his office on cash payment (non refundable) on **11.03.2022** up to **4:00 P.M** and the application for issue of tender form shall be received on **10.03.2022** up to **12:00** noon. The applications for issue of tender forms accompanied with enlistment letter or renewal letter and the earnest money in the shape of National Saving Certificates/Saving Account of the Post Office /Time Deposit account/FDR in Himachal Pradesh duly pledged in favour of Executive Engineer, HP PWD Division Tanda at Nagrota Bagwan.

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

Sr. No.	Name of work	Estimated Cost	Earnest Money	Time limit
1	Construction of 50.0 mtrs span Bridge over Joggal Khad at RD 2/750 on Lilly Amtrar Mundla road in Distt Kangra (HP) (SH:-Construction of approaches of bridge)	Rs 499916/-	10000/-	Three months
2	Providing and laying mastic asphalt wearing course on various Bridges under HP PWD Division Tanda at Nagrota Bagwan in Distt Kangra (HP) (SH:-Providing and laying mastic asphalt wearing course).	Rs 499999/-	10000/-	One month
3	C/O residential Building under HP PWD Division Tanda at Nagrota Bagwan in Distt Kangra (HP) (SH:-C/O Aluminium work P/L Floor & wall Tiles WS & SI etc; in Type –I Qtrs	Rs 483604/-	9700/-	Three months
4	Construction of 50.0 mtrs span Bridge over Joggal Khad at RD 2/750 on Lilly Amtrar Mundla road in Distt Kangra (HP) (SH:-Providing and laying approach slab and C/O retaining wall).	Rs 399230/-	8000/-	Three months
5	Link road from Gheena to Lohar Lahri in Distt Kangra (HP) (SH:-Construction of Causeway in various reaches)	Rs 499121/-	10000/-	Three months
6	Special repair to Residential Building in Dr R.P.G.M.C. Tanda Distt Kangra (HP) (SH:-Repair of plaster, painting, P/F floor tiles W/S & S/I etc; in type –I Qtrs Block-H)	Rs 498032/-	10000/-	Three months
7	Construction of Bridge over Bhaloon Khad on Baldhar Bheru road in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement in approaches road)	Rs 399916/-	8000/-	Three months
8	Link road from NH to Pathania Basti-I Km 0/000 to 1/000 in Distt Kangra (HP) Under Telecom Deposit work (SH:-Construction of V-Shape drain with Edge wall in between Km 0/405 to 0/480).	Rs 367789/-	7400/-	Three months
9.	Construction of Govt. Veterinary Hospital at Nagrota Bagwan in Distt Kangra (HP) (SH:-Balance work of providing and laying cement concrete pavement and providing & fixing railing etc;).	Rs 300550/-	6050/-	Three months
10.	Construction of Busak Nariyalkar Sipanpat road Km 0/000 to 4/525 in Distt Kangra(HP) (SH:-Balance work of P/L cement concrete pavement between Km 4/400 to 4/525)	Rs 499447/-	10000/-	Three months
11.	A/R & M/O various roads under HP PWD Division Tanda at Nagrota Bagwan in Distt Kangra (HP) (SH:-Providing and fixing curve stone and other repair work etc;)	499947/-	10000/-	Three months
12.	A/R & M/O of Gang Hut under HP PWD Sub-Division Nagrota Bagwan in Distt Kangra (HP) (SH:-Providing and fixing structural steel work P/F floor tiles and other civil work etc;).	499962/-	10000/-	Three months
13.	C/O Samshaan Ghat in Ward no 1 village Sadarpur Distt Kangra (HP) (Deposit work) (SH:-C/O Shamshan Ghat)	300651/-	6050/-	Three months

14.	Special repair to Animal Hospital in Dr R.P.G.M.C Tanda Dist Kangra (HP) (SH:-Repair of plaster P/F Glass panes, Aluminium work painting etc;)	499053/-	10000/-	Three months
15.	A/R & M/O on various roads under Nagrota Sub-Division HP PWD Nagrota Bagwan in Distt Kangra (HP) (SH:-Manufacturing Supplying of signboard)	194500/-	3900/-	One month

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 reserve s the right to accept/reject any tender/application or all tenders without assigning any reason.
5. The Contractor will have to submit affidavit along with application for issue of tender that he has not more than two works in hand.
6. Next tender will be issued only after completion of previous works in hand.


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

HIMSUCHANA AVAM & JAN SAMPARK

(On behalf of Governor of Himachal Pradesh)

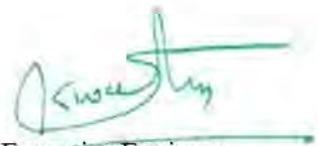
No.PW/NBD/Tender/2022/

15517-47

Dated/ 05.03.2022

Copy to the following for information and necessary action:-

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


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

Schedule of Quantity

ESTIMATED COST :- Rs. 499916.00
EARNEST MONEY :- Rs. 10000.00
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of 50.00 mtrs span Bridge over Joggaal Khad at RD 2/750 on Lilly Amtrar Mundla road in Distt Kangra (HP).

SUB HEAD :- Construction of approaches of bridge

S. No.		Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material, including entire carriage of materials within all leads, lifts and other incidentals.	30.51 Cubic meters			Per cubic metre	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 with cement concrete 1:5:10 (One cement: Five sand : Ten graded/crushed stone aggregate 40mm (forty millimeter) nominal size), as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	174.82 Cubic metres			Per cubic metre	
3	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	58 Numbers			Each	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	41.82 Cubic metres			Per cubic metre	
5	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, up to any lead and lift as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	800.00 Cubic meters			Per cubic metre	
TOTAL :-						

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

SCHEDULE OF QUANTITY

ESTIMATED COST :- ₹ 499999.00
EARNEST MONEY :- ₹ 10000.00
TIME LIMIT : ONE MONTH

NAME OF WORK :- Providing and laying mastic asphalt wearing course on various Bridges under HPPWD Division Tanda at Nagrota Bagwan in Distt. Kangra (H.P.).
SUB HEAD :- Providing and laying mastic asphalt wearing course.

S. No.	Description of Items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	Providing and applying tack coat with Bitumen VG-10 (Viscosity Grade-Ten) using pressure distributor at the rate of 0.50 kgs (Zero decimal five zero kilogram) per square metre on the prepared granular surface treated and cleared with hydraulic broom as per drawing and MORD Technical Specification Clause 503. as per direction of Engineer-in-Charge including carriage of materials within all leads, lifts and other incidentals. The rate is including octroi, royalty, Malkana, toll tax, GST or any other taxes imposed by the Government.	755.00 Sqaure metres			Per square metre	
2	Providing and laying 25mm (Twenty five millimetres) thick mastic asphalt wearing course on top of deck slab including prime coat with paving grade bitumen 85/25 (Eighty five /Twenty five) at the rate 14% (Fourteen percent) of weight of mix, grading as course aggregate as per table 500-30 sand grading of fine aggregate as per table 500-31 and filler consisting of lime stone of approved quality meeting the requirements given in table 500-29. prepared by using mastic cooker and laid to required level and slope after clearing the surface including providing antiskid surface with bitumen precoatd fine grained hard stone chipping of 9.5mm (Nine point five millimetres) nominal size at the rate of 0.005 cum (Zero point zero five cubic metre per ten sqaure metre and at an approximate spacing of 10cm (Ten centimetred) centre to centre in both directions, pressed into surface when the tempreature of surfaces not less than 100 deg. C (One hundred degre Celsius), protruding 1 mm to 4 mm (One millimetre to Four millimetres) over mastic surface, all complete as per MORTH clause 515 and as per direction of Engineer-in-charge including carriage of materials within all leads and lifts and other incidental. The rate is including octroi, royalty, Malkana, toll tax, GST or any other taxes imposed by the Government.	755.00 Sqaure metres			Per square metre	
TOTAL:-						

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

SCHEDULE OF QUANTITY

ESTIMATED COST :- RS. 483604.00
EARNEST MONEY :- RS. 9700.00
TIME LIMIT THREE MONTHS

NAME OF WORK :- C/O Residential Building under HPPWD Division Tanda at Nagrota Bagwan in Dist. Kangra (H.P.)

SUB-HEAD :- C/O Aluminium work, P/L Floor & Wall Tiles W.S. & S.I etc in Type-I Qtrs

S.No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	Half brick masonry in common burnt clay building bricks in :- Cement Mortar 1:3 Second Class Brick complete and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals	20.10 Square metres	4	5	Per square metre	7
2	Providing and laying cement concrete work 1:2:4 (1 Cement:2 Sand:4 graded stone aggregate 20 mm nominal size) and curing complete excluding cost of form work and reinforcement for reinforced concrete work in Foundations, footings bases of columns and the like and mass concrete, complete as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	3.40 Cubic metres			Per Cubic metre	
3	Providing and fixing anodised 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/ panelling C.P. brass/stainless steel screws for doors windows and ventilators and glazed partitions frames. All complete as per architectural drawings and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	218.10 Kilograms			Per kilo-gram	
4	Providing and fixing anodised 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/ panelling C.P. brass/stainless steel screws for shutters of doors windows & ventilators including providing and fixing hinges/pivots and making provisions for fixing of fittings where ever required including the cost of PVC/neoprene gaskets as required (fittings and glazing/panelling shall be paid for separately) all complete as per architectural drawings and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals	280.20 Kilograms			Per kilo-gram	
5	Providing and fixing glazing in aluminium door, window, ventilator shutters and partition etc with PVC/neoprens gasket etc. complete as per the architectural drawings and the directions of Engineer-In-charge (cost of aluminium snap beading shall be paid in basic item.) Glazing with glass panes of 6mm/Six millimetres) thickness (weight not less than 13.75 kg/sqm (Thirteen point seventy five kilograms/square metre) Modi guard or its equivalent and as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	10.20 Square metres			Per square metre	

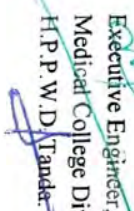
6	Providing and fixing double action hydraulic floor spring of approved brand and manufacture (conforming to IS 6315) for aluminium door including cost of cutting floor as required embedding in floors complete as per the direction of the Engineer-In-charge including making good the floors and as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	2 Numbers			Each	
7	Providing and fixing 40mm (Forty millimetres) thick second class deodar wood panelled glazed or panelled and glazed shutters for doors windows and clerestory windows, including black enamelled iron butt hinges with necessary screws, as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals	2.50 Square metres			Per square metre	
8	Providing and fixing 40mm (Forty millimetres) thick first class deodar wood wire gauge shutters using galvanised M.S. wire gauge of IS gauge designation 85G with wire of dia 0.56mm for doors, windows and clerestory windows including bright finished black enamelled iron hinges with necessary screws complete as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals	2.30 Square metres			Per square metre	
9	Providing and fixing 6mm (Six millimeters) thick plain asbestos cement sheet ceiling of approved quality with butt jointing and wood screws (frame work and cover fillets to be measured and paid for separately) as per approved drawing, design and as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals	15.60 Square metres			Per square meter	
10	Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever necessary: Plate Glass 5.5 mm thick. completed including entire carriage of materials within all leads, lifts and other incidentals	20.50 Square metres			Per square meter	
11	Providing and fixing anodized aluminium sliding door bolts anodized transparent or dyed to required colour and shade with necessary screws etc. completed including entire carriage of materials within all leads, lifts and other incidentals					
i)	300x16mm size (Three hundred into sixteen millimetres) nominal size	10 Numbers			Each	
ii)	250x16mm (Two hundred fifty into sixteen millimetres) nominal size	8 Numbers			Each	
12	Providing and fixing 300x10mm (Three hundred into ten millimetres) aluminium tower bolts (berrel type) anodized transparent or dyed to required shade and colour with screws etc. complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.					
i)	300x10mm (Three hundred into sixteen millimetres) nominal size	8 Numbers			Each	
ii)	250x16mm (Two hundred fifty into sixteen millimetres) nominal size	4 Numbers			Each	
13	Providing and fixing 300x10mm (Three hundred into ten millimetres) aluminium tower bolts (berrel type) anodized transparent or dyed to required shade and colour with screws etc. complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.					
i)	125mm (One hundred twenty five millimetres) nominal size	6 Numbers			Each	
ii)	100mm (One hundred millimetres) nominal size	6 Numbers			Each	

14	Providing and fixing 100mm (One hundred millimetres) size bright finished brass rim latch and lock a pair of knobs with necessary screws etc. complete (Indian make of approved quality) as per the directions of Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	1 Numbers			Each	
15	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.	4 Numbers			Each	
16	Providing and fixing chromium plated brass sliding door bolts with nuts and screws etc. complete. as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals					
i)	300x16mm (Three hundred into sixteen millimetres) nominal size	4 Numbers			Each	
ii)	250x16mm (Two hundred fifty into sixteen millimetres) nominal size	4 Numbers			Each	
17	Providing and fixing 150mm (One hundred fifty millimetres) M.S. double acting spring hinges of approved brand with necessary screws etc. complete as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals	2 Nos			Each	
18	Providing and fixing 12mm (Twelve millimetres) thick preminated board of both side BWP Phenol bounded exterior/interior grade panelled shelves with 40mm (Forty millimetres) frame of first class deodar wood for study shelves/table including bright finished/black enameled iron butt hinges with necessary screws as directed by the Engineer In-charge, including carriage of materials within all leads, lifts and other incidentals.	20.60 Square metres			Per square metre	
19	Providing and fixing 10mm thick anti skid water proof stain and impet resistant heavy duty vetrified tiles Nitco or equivalent 600x600mmx10mm (Six hundred into ten millimetres) manufactured of approved shade and colour in flooring, treads of steps and landings laid over 12mm (Twelve millimetres) thick cement mortar 1:3 (One cement : Three sand) jointed with cement slurry mixed with pigment to match the shade of tiles as required complete and as directed by the Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals.	24.30 Square metres			Per square metre	
20	Providing and laying Duro stone vetrified tiles (300x300mmx10mm) in grey/coloured or of approved shade in flooring, treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1 cement : 3 sand) laid over and jointed with neat cement slurry finished with flush pointing in white cement mixed with pigment of required shade to match the shade of tiles complete complete and as directed by the Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals	35.40 Square metres			Per square meter	
21	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (Medium grade) Cera or its equivalent approved quality tube fitting and clamps including making good the wall, ceiling and floor as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.					
i)	15mm (Fifteen millimetres) nominal bore	95.00 Running metres			Per running metre	
ii)	20mm (Twenty millimetres) nominal bore	80.00 Running metres			Per running metre	

22	Providing and fixing vitreous China wash down, water closet (European type, W.C. pan) with integral 'P' or 'S' trap including jointing the trap with soil pipe Cera or its equivalent in cement mortar 1:1 (One cement : One sand) Angle Indian Universal closet (Seat and over to be measured and paid for separately as directed by the Engineer-In-Charge, including carriage of materials within all leads, lifts and other incidentals.	2 Numbers			Each	
23	Providing and fixing sand cast iron 100mm (Hundred millimetres) size Cera or its equivalent P or S traps for water closet (squatting pan) including jointing the trap with pan and soil pipe in cement mortar 1:1 (one cement: one sand) as directed by the Engineer-In-Charge, including carriage of materials within all leads, lifts and other incidentals.	2 Numbers			Each	
24	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.	2 Numbers			Each	
25	Providing and fixing (vitreous China wash basin with single hole for pillar tap with C.I. or M.S. brackets painted white Cera or its equivalent including cutting holes and making good the same but excluding fittings and as directed by the Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.					
i)	550x400mm (Five hundred fifty into four hundred millimetres)	1 Number			Each	
ii)	400x400mm (Four hundred into four hundred millimetres)	1 Number			Each	
26	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.	10 Numbers			Each	
27	Providing and fixing 32mm (Thirty two millimetres) diametres 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.	8 Numbers			Each	
28	Providing and fixing 100mm (One hundred millimetres) diametres C.P. brass grating for gully floor or Nahni trap ISI make as directed by the Engineer-In-Charge including carriage of materials within all leads, lifts and other incidentals.	4 Numbers			Each	
29	Providing and fixing 600x450mm (Six hundred into Four hundred fifty millimetres) size bevelled edge mirror of superior glass mounted on 6mm thick A.C. Sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers complete as directed by the Engineer-In-Charge including carriage of materials within all leads, lifts and other incidentals.	2 Numbers			Each	
30	Providing and fixing 600x20mm (Six hundred into Twenty millimetres) size C.P. Brass Towel rail Cera or its equivalent complete with C.P. Brass brackets fixed to wooden plugs with C.P. Brass screws as directed by the Engineer-In-Charge, including carriage of materials within all leads, lifts and other incidentals.	2 Numbers			Each	
31	Providing and fixing 600x120mm (Six hundred into One hundred twenty millimetres) glass shelf with C.P. brass. (Heavy duty makes) brackets and guard rail complete fixed to wooden plugs with C.P. brass screws as directed by the Engineer-In-Charge including carriage of materials within all leads, lifts and other incidentals.	8 Numbers			Each	
32	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.	2 Numbers			Each	

33	Providing and fixing 15mm (Fifteen millimetres) diameters long nose brass bib tap (Superior or heavy type) Cera or its equivalent as directed by the Engineer-In-Charge including carriage of materials within all leads, lifts and other incidentals.	4 Numbers			Each	
34	Providing and fixing 15mm (Fifteen millimetres) dia long body brass bib tap (Superior or heavy type) Cera or its equivalent complete as directed by the Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals.	4 Numbers			Each	
35	Providing and fixing C.P. brass bib tap with capstan head (Heavy duty) Cera or its equivalent complete as directed by the Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals.				Each	
i)	15mm (Fifteen millimetres) nominal bore	4 Numbers			Each	
ii)	20mm (Twenty millimetres) nominal bore	4 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.	8 Numbers			Each	
37	Providing and fixing Mixer for kitchen sink with casted swinging spout at top Cera or its equivalent complete as directed by the Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals.	2 Numbers			Each	
38	Providing and fixing P.V.C. connection 300x450mm (Three hundred into four hundred fifty millimetres) length with check nut and brass union complete and as directed by the Engineer- In-Charge, including carriage of materials within all leads, lifts and other incidentals.	15 Numbers			Each	
39	Providing and fixing brass full way valve with wheel Cera or its equivalent and as directed by the Engineer-in-Charge, including entire carriage of materials within all leads, lifts and other incidentals.				Each	
i)	15mm (Fifteen millimetres) nominal bore	4 Numbers			Each	
ii)	20mm (Twenty millimetres) nominal bore	4 Numbers			Each	
40	Providing and fixing brass ball valve (horizontal plunger type) high pressure with polythene plastic floats as directed by the Engineer-In-Charge, including entire carriage of materials within all leads, lifts and other incidentals.					
i)	15mm (Fifteen millimetres) nominal bore	6 Numbers			Each	
ii)	20mm (Twenty millimetres) nominal bore	6 Numbers			Each	
41	Providing and fixing 15mm (Fifteen millimetres) diameters G.I./M.I Union of for wash basin or sink complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.					
i)	15mm (Fifteen millimetres) nominal bore	4 Numbers			Each	
ii)	20mm (Twenty millimetres) nominal bore	4 Numbers			Each	
42	Providing and fixing 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 carriage of materials within all leads, lifts and other incidentals					

i)	110x90mm (One hundred ten into Ninety millimetres) nominal size	2 Numbers			Each	
ii)	110x75mm (One hundred ten into seventy five millimetres) nominal size	2 Numbers			Each	
43	Providing and fixing 610x460mm (Six hundred ten into Four hundred sixty millimetres) 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 as directed by the Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals.	1 Numbers			Each	
44	Providing and fixing PTMT Coloured/white high density polyethylene / poly propylene 10.00 ltrs (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, syphon, 15mm (Fifteen millimetres) nominal size PVC ball valve with polythene float, with push button, couplings for connections with inlet, outlet and over flow 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) as directed by the Engineer-in-charge, including entire carriage of materials within all leads, lifts and other incidentals.	2 Number			Each	
45	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.	8 Numbers			Each	
TOTAL :-						


 Executive Engineer,
 Medical College Division,
 H.P.W.D. Tandra.

Schedule of Quantity

ESTIMATED COST :- Rs. 399230.00
EARNEST MONEY :- Rs. 8000.00
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of 50.00 mtrs span Bridge over Joggal Khad at RD 2/750 on Lilly Amtrrar Mundla road in Distt Kangra (HP).
SUB HEAD :- Providing and laying approach slab and C/O retaining wall.

S. No.	Quantity	In fig	Rate	Unit	Amount
			In words		
1	3	4	5	6	7
1	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.			Per cubic metre	
2	Providing and laying mechanically mixed and vibrated reinforced cement concrete grade M-30 (M-Thirty) designed mix with minimum cement contents @380 Kg (Three hundred eighty kilograms) per cubic metres with 20mm (Twenty millimeters) nominal size crushed/ broken stone aggregate and curing complete in wearing coat including cost of form work and reinforcement as per drawings and MORD technical specifications and as per direction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidental.			Per cubic metre	
3	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material, including entire carriage of materials within all leads, lifts and other incidentals.			Per cubic metre	
4	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 with cement concrete 1:5:10 (One cement: Five sand : Ten graded/crushed stone aggregate 40mm (forty millimeter) nominal size), as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.			Per cubic metre	
5	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	18		Each	
6	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	28.28		Per cubic metre	
TOTAL :-					

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

Schedule of Quantity

NAME OF WORK :-

Link road from Gheena to Lohar Lahri in Distt. Kangra (H.P.)

SUB HEAD :-

Construction of Causeway in various reaches.

ESTIMATED COST :- Rs. 499121.00
EARNEST MONEY :- Rs. 10000.00
TIME LIMIT : THREE MONTHS

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) nominal size as per drawing and H.P.PWD technical specifications, and as per directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	145.75 Cubic meters			Per cubic metre	
TOTAL :-						

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

Schedule of Quantity

ESTIMATED COST: -

Rs. 498032.00

EARNEST MONEY :-

Rs. 10000.00

TIME LIMIT :

THREE MONTHS

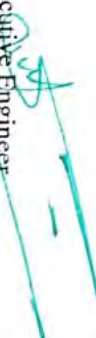
Name of work: - Special Repair to Residential Building in Dr.R.P.G.M.C. TANDA. Distt Kangra H.P.

Sun Head : - Repair of plaster, painting, P/F floor tiles W/S & S/I etc; in Type-I Qtrs Block-H

Sr. No	Description Of Item	Qty.s.	In Fig.	Rate (Rs.)		Unit	Amount (Rs.)
				In Words			
1	Dismantling tiled floors laid in mortar upto floor two level including stacking of serviceable materials and disposal of un-serviceable materials within 20 metres lead (wooden/concrete joists to be measured and paid for separately) For thickness of tiles above 25mm and upto 40mm as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	2.25				Per Square metre	
2	Repairs to plaster in patches of 2.50 Sq.M. and under and 10 to 15mm thick including cutting the patch in proper shape and replastering the surface of the wall including disposal of rubbish to the dumping ground within a Lead of 20 metres with:- Cement Mortar 1:6 (1 Cement : 6 Sand), as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	2.25				Per Square metre	
3	Providing and fixing 1000 litres net capacity tank PVC water storage tank ⁹ SINTAX, VECTUS, THREE LAYER) of ISI : 12701 marked, G.I. inlet and outlet connection, 15mm nominal bore ball valve and mosquito proof PVC cover with locking arrangement including hoisting up to all heights above ground level as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	1				Per Square metre	
4	Providing and fixing 10mm thick anti skid water proof strain and impact resistant heavy duty vetrified tiles Nitco or equivalent 600x600mmx10mm (Six hundred into Six hundred into ten millimetres) manufactured of approved shade and colour in flooring, treads of steps and landings laid over 12mm (Twelve millimetres) thick cement mortar 1:3 (One cement : Three sand) jointed with cement slurry mixed with pigment to match the shade of tiles as required complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	26.64				Per Square metre	
5	Providing and laying Duro stone vetrified tiles / Nitco/ Rak/ Simpolo/ Kajaria of size (150x600mm, 200x300mm, 300x450mm and 300x 600 mm, 600x 600)) in grey/coloured of required shade in skirting risers of steps and dados on 12mm thick cement mortar 1:3 (1 cement : 3 sand) laid over and jointed with neat cement slurry finished with flush pointing in white cement mixed with pigment of required shade to match the shade of tiles complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	103.68				Per Square metre	
6	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-Incharge including carriage of materials within all leads, lifts and other incidentals.	990.27				Per Square metre	
7	Applying Birla white wall care putty over plaster surface emulsion after thoroughly brushing the surfaces free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other	990.27				Per Square metre	
8	Wall painting (one coat)with Plastic emulsion paint of approved brand and manufacture on decorated wall surface to Give an even shade including thoroughly brushing the surface clean of all dirt grease, loose pieces of scale and sand papered smooth.	990.27				Per Square metre	

	Extra over item No 20 for every sub sequent coat of distempering with oil bound washable distemper of approved brand and manufacture as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	990.27			Per Square metre	
10	Painting one coats (excluding priming coat) on new wood and wood based surface under coat with enamel and finishing coating with flat oil paint, brushing to give an even shade including cleaning of all with paint other then white as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	133.60			Per Square metre	
11	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter :- With Enamel paint other than white as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	61.44			Per Square metre	
10	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (Medium grade) Cera or its equivalent approved quality tube fitting and clamps including making good the wall, ceiling and floor. as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.					
	15mm (Fifteen millimetres) nominal bore (Tata, Jindal)	430.00			Per running metre	
	20mm (Twenty millimetres) nominal bore (Tata, Jindal)	570.00			Per running metre	
11	Providing and fixing vitreous China wash down, water closet (European type, W.C. pan) with Integral 'P' or 'S' trap including jointing the trap with soil pipe Cera, Jaquar and Hindware in cement mortar 1:1 (One cement : One sand) (Seat and over to be measured and paid for separately complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	8			Each	
12	Providing and fixing sand cast iron 100mm (Hundred millimetres) size Cera or its equivalent P or S traps for water closet (squatting pan) including jointing the trap with pan and soil pipe in cement mortar 1:1 (One cement: one sand) as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	8			Each	
13	Providing and fixing plastic seat (Solid/Hollow type) and cover Cera, Jaquar and Hindware for wash down water closet with C.P. Brass hinges and rubber buffers complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	8			Each	
14	Providing and fixing (Vitreous China wash basin with single hole for pillar tap with C.I. or M.S. brackets painted white Cera, Jaquar and Hindware including cutting holes and making good the same but excluding fittings complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	8			Each	
15	Providing and fixing 32mm (Thirty two millimetres) dia C.P. Brass waste pipe 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.	16			Each	
16	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.	40			Each	

	Providing and fixing 600x450mm (Six hundred fifty millimetres) size bevelled edge mirror of superior glass mounted on 6mm thick A.C. Sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	8			Each	
18	Providing and fixing C.P. Bottle Trap for wash basin and sink :- 32mm dia as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	8			Each	
19	Providing and fixing PTMT Coloured/white high density polyethylene / poly propylene 10.00 ltrs (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, syphon, 15mm (Fifteen millimetres) nominal size PVC ball valve with polythene float, with push button, couplings for connections with inlet, outlet and over flow 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) complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	8			Each	
20	Providing and fixing 15mm (Fifteen millimetres) dia long body brass bib tap (Superior or heavy type) Cera, Jaquar and Hindware complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	8			Each	
21	Providing and fixing 15mm (Fifteen millimetres) C.P. brass angle valve without nuts and pipe Cera, Jaquar and Hindware complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	16			Each	
22	Providing and fixing P.V.C. connection 300x450mm (Three hundred fifty millimetres) length with check nut and brass union Cera, Jaquar and Hindware complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	20			Each	
23	Providing and fixing PTMT jet spray of approved quality and colour with one metre tube as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	20			Each	
24	Providing and fixing PTMT pillar cock fancy of approved quality and colour 15 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	8			Each	
Total:-Rs.						


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

SCHEDULE OF QUANTITY

ESTIMATED COST :- R.S. 399916.00

EARNEST MONEY :- R.S. 8000.00

TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of Bridge over Bhaloon Khad on Baldhar Bheru road in Distt. Kangra (H.P.).
SUB HEAD :- Providing and laying cement concrete pavement in approach road.

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material, including entire carriage of materials within all leads, lifts and other incidentals.	25.15 Cubic meters	4	5	6 Per cubic metre	7
2	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-In-charge including carriage of materials within all leads and lifts and other incidentals.	52.78 Cubic meters			Per cubic metre	
3	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering. Plain cement concrete 1:3:6 (One Cement : Three coarse sand : Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and HP.PWD technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	15.18 Cubic metres			Per cubic metre	
TOTAL :-						

Executive Engineer,
H.P.P.W.D Division,
Tandaat Nagrota Bagawan.

Schedule of Quantity

ESTIMATED COST :- Rs. 367789.00

EARNEST MONEY :- Rs. 7400.00

TIME LIMIT : THREE MONTHS

NAME OF WORK :-

Link road from NH to Pathania Basti-1 Km 0/000 to 1/000 in Distt. Kangra (H.P.) Under Telecom Deposit.

SUB HEAD :-

Construction of V-Shape drain with Edge wall in between Km 0/405 to 0480

S. No.	Description of items	Quantity	In fig.	Rate In words	Unit	Amount
1	2	3	4	5	6	7
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto any lead, dressing of sides and bottom and backfilling in trenches with excavated suitable material complete as per drawing and H.P.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	20.16 Cubic meters			Per cubic metre	
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering. Plain cement concrete 1:3:6 (One Cement : Three coarse sand : Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and H.P.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	67.31 Cubic metres			Per cubic metre	
TOTAL :-						

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

Schedule of Quantity

ESTIMATED COST :- Rs. 300550.00
EARNEST MONEY :- Rs. 6050.00
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of Govt. Veterinary Hospital at Nagrota Bagwan in Distt. Kangra (H.P.)
SUB HEAD :- Balance work of providing and laying cement concrete pavement and providing & fixing railing etc;

S. No.	Description of items	Quantity		Rate In words	Unit	Amount
		3	In fig. 4	5	6	7
1	Providing and fixing stainless steel knock down railing of KICCH AISI Grade 316 OF 38mm (Thirty eight millimetres) diametres hand rail fixed on 10x50mm (Ten into Fifty millimetres) SS flats baluster (Design code DT 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 baluster with fixture . The baluster would be fixed on the floor with casted based plate minimum 6mm (Six millimetres) thickness based plates shall be consolated 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.	30.00 Running metres			Per running metre	
2	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 including entire carriage of materials within all leads, lifts and other incidentals	9.45 Quintals			Per quintal	
3	Providing, laying, spreading and compacting stone aggregate size 90mm to 45mm (ninety millimeter to forty five millimeter) Grading-1 size [100mm (One hundred millimeters) compacted thickness] to water bound macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two millimetres) nominal size at the rate of 0.30cum (zero point thirty cubic metres) per ten square metres and binding material at the rate of 0.08 cum (zero point zero eight cubic metre) per 10 Sqm (ten square meter) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	37.55 Cubic metres			Per cubic metre	
4	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 1:5:10 (One cement: Five sand : Ten graded/crushed stone aggregate 40mm (forty millimeter) nominal size) including entire carriage of materials within all leads and lifts and other incidentals.	56.33 Cubic metres			Per cubic metre	
TOTAL :-						

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

Schedule of Quantity

NAME OF WORK :- Construction of Busal Narivalkar Sipanpat road Km 0/000 to 4/525 in Distt. Kangra (H.P.)
 SUB HEAD :- Balance work of P/L cement concrete pavement between Km 4/400 to 4/525

ESTIMATED COST :- Rs. 499447.00
 EARNEST MONEY :- Rs. 10000.00
 TIME LIMIT :- THREE MONTHS

S. No.	Description of items	Quantity	In fig	Rate In words	Unit	Amount
1	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two millimetres) nominal size at the rate of 0.22 cum (zero point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 including carriage of materials within all leads and lifts and other incidental.	3 34.75 Cubic metres	4	5	6 Per Cubic metres	7
2	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	71.75 Cubic metres			Per cubic metre	
TOTAL :-						

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

SCHEDULE OF QUANTITY

NAME OF WORK :-
SUB-HEAD :-

A/R & M/O various roads under HPPWD Division Tanda at Nagrota Bagwan in Dist. Kangra (HP).
Providing and fixing curve stone and other repair work etc;

ESTIMATED COST :-
EARNEST MONEY :-
TIME LIMIT :

₹ 499947.00
₹ 10000.00
THREE MONTHS

S. No.	Description of items	Quantity	In fig	Rate	In words	Unit	Amount
1	Providing and fixing curve stones in RCC with 1:2:4 (One cement : Two coarse sand : Four graded stone aggregate 20 mm (Twenty millimetres) nominal size).30x30x10cm (Thirty into thirty into ten centimetre) size including complete fixing cement concrete as directed by the Engineer-in-Charge, including entire carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as	3 500.00 Numbers	4	5		6 Each	7
2	Providing and laying concrete for plain/reinforced concrete 1:3:6 (One cement: three sand: Six graded broken/crushed stone aggregate 20mm(Twenty millimeters) nominal size in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 and 1203 PCC grade M-10 (M-ten) as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	89.80 Cubic meters				Per cubic metre	
3	Providing and laying cement concrete work 1:2:4 (One cement: Two sand Four graded crushed stone aggregate 20mm (Twenty millimeters nominal size) and curing complete including cost of form work and reinforcement for reinforced concrete work in moulding as in cornices, windows sills etcetera upto all floor level including entire carriage of materials within all leads, lifts and other incidentals.	3.150 Cubic meters				Per cubic meter	
4	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima of Asian Paint/Nerolac paint) or its equivalent on undecorated wall surface (two coat) to give an even shade and final finish after thoroughly cleaning the surfaces to remove all dirt, dust and foreign matteretc. including sand papering smooth complete including carriage of material within all leads, lifts and other incidentals.	2550.00 Square metres				Per square metre	
TOTAL :-							

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

SCHEDULE OF QUANTITY

ESTIMATED COST: - ₹ 499962.00
EARNEST MONEY: - ₹ 10000.00
TIME LIMIT: THREE MONTHS

NAME OF WORK: A/R & M/O of Gang Hut under HPPWD Sub-Division, Nagrota Bagwan in Dist. Kangra (HP).
SUB-HEAD: Providing and fixing structural steel work, P/F floor tiles and other civil work etc;

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	1 Providing and fixing 19mm (Nineteen millimetres) thick water proof commercial board in shelves/box for cup-board with butt joints and fixing with nails and screws etcetra complete and all the cut portion of the board shall have 6mm (Six millimetres) thick hard wood edging within all leads, lifts of materials and other incidentals, as per approved drawing, design and as directed by the Engineer-in-Charge.	3 47.70 Square metres	4	5	6 Per square metre	7
2	2 Steel work welded in built up sections, tubler sections in trusses, framed work and railing, ceiling or ladder grating, 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, purllins connected to common rafters and the like 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.	19.75 Quintals			Per quintal	
3	3 Providing and fixing second class deodar wood fly proof galvanised M.S. wire gauge of IS gauge designation 85 g (Eighty five) with wire of dia 0.56mm (Zero point fifty six millimetres) to windows and clerestory windows including 60x20 mm (Sixty into twenty millimetres) beading of including entire carriage of materials within all leads, lifts and other incidentals.	69.75 Square metres			Per square metre	
4	4 Providing and fixing Unistone 12mm.(Twelve millimetres) thick cladding on Reinforced Cement Concrete surface side as on faces of walls etcetera on 12mm (Twelve millimetres) thick cement plaster 1:3(One cement:Three sand) and jointed with cement slurry including scaffolding etcetera. complete as per Architectural drawing, design and specification including carriage of material within all leads, lifts and other incidentals, as per approved drawing, design and as directed by the Engineer-Incharge.	129.75 Square metres			Per square metre	
5	5 Providing and laying matt finish wooden planks in wall of approved shade and sample on a bed of 12mm (Twelve millimetres) thick cement mortar 1:3 (One cement : three sand) jointing with cement slurry mixed with pigment to match the shade of tiles within all leads, lifts of materials and other incidentals.	89.70 Square metres			Per square metre	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
6	Providing and laying concrete for plain/reinforced concrete 1:3:6 (One cement: three sand: Six graded broken/crushed stone aggregate 20mm(Twenty millimeters) nominal size in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 and 1203 PCC grade M-10 (M-ten) as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	5.98 Cubic meters			Per cubic metre	
7	Providing and fixing of water lifting pump of 1.00 HP (One point zero horse power) of serev/Kirloskar/Crompton/Worthington including all necessary fittings complete in all respect including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-Incharge.	1 Numbers			Each	
8	Providing and placing water tank make P.V.C. SINTEX having capacity of 2000 (Two thousand) liters tank necessary fittings including over flow pipe scour pipe etc and pads required for in let and out let and inside painting ball valve with cover and locking arrangements including painting of good quality complete in all respect within all leads, lifts of materials and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge..	2000.00 Liters			Per liter	
9	Providing and fixing chromium plated brass soap dish with C.P. brass brackets fixed to wooden cleats with C.P. brass screws Cera, Jaquar and Hindware complete and as per direction of Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	2 Numbers			Each	
10	Providing and fixing 15mm 9Fifteen millimetre) nominal size C.P. brass concealed complete and as per direction of Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	2 Numbers			Each	
11	Providing and fixing 15mm (Fifteen millimetres) mixer for kitchen sink with top/bottom swinging spout complete, as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals	4 Numbers			Each	
12	Providing and fixing 600x20mm (Six hundred into Twenty millimetres) size C.P. Brass Towel rail Cera or its equivalent complete with C.P. Brass brackets fixed to wooden plugs with C.P. Brass screws as directed by the Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals.	12 Numbers			Each	
TOTAL :-						

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

SCHEDULE OF QUANTITY

NAME OF WORK :- C/O SAMSHAAN GHAT in Ward no 1 VILL SADRPUR Dist Kamrup (H.P) (deposit work)
 S/R-HEAD :- C/O Shamsan Chat

ESTIMATED COST :- 300651.00
 EARNEST MONEY :- R5. 6050.00
 TIME LIMIT Three Month

S. No.	Description of Items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	Earth work in surface excavation not exceeding 30 cm in (Hydraulic excavator) manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-In-charge complete as per the direction of the Engineer-In-charge including making good the floors and as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	3 14.36 Cubic metres	4	5	6 Per Cubic metre	7
2	Boulder filling dry hand packed tightly as in wire crate apron bund (wire crates to be measured separately), complete as per the direction of the Engineer-In-charge including making good the floors and as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	3.95 Cubic metres			Per Cubic metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40 mm nominal size) complete as per the direction of the Engineer-In-charge including making good the floors and as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	4.69 Cubic metres			Per Cubic metre	
4	Providing Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete as per the direction of the Engineer-In-charge including making good the floors and as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	15.40 Square metres			Per Running metre	
5	Providing centering and shuttering including strutting, propping etc. and removal of form for : Columns, Pillars, Piers, Abutments, Posts and Struts complete as per the direction of the Engineer-In-charge including making good the floors and as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	6.40 Square metres			Per square metre	
6	Providing centering and shuttering including strutting, propping etc. and removal of form for : Lintels, beams, plinth beams, girders, bressumers and cantilevers complete as per the direction of the Engineer-In-charge including making good the floors and as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	40.32 Square metres			Per square metre	
7	Providing centering and shuttering including strutting, propping etc. and removal of form for : Suspended floors, roofs, landings, balconies etc. complete as per the direction of the Engineer-In-charge including making good the floors and as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	28.13 Square metres			Per square metre	
8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 40 mm nominal size) complete as per the direction of the Engineer-In-charge including making good the floors and as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	2.05 Cubic metres			Per Cubic metre	
9	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - 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 the direction of the Engineer-In-charge including making good the floors and as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	2.83 Cubic metres			Per Cubic metre	

	Providing and laying Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement: 2:4 (1 cement : 2 coarse sand): 4 graded stone aggregate 20 mm nominal size) complete as per the direction of the Engineer-In-charge including making good the floors and as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	2.40 Cubic metres			Per Cubic metre	
11	Providing and laying Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:2:4 (1 cement : 2 coarse sand): 4 graded stone aggregate 20 mm nominal size) complete as per the direction of the Engineer-In-charge including making good the floors and as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	11.85 Cubic metre			Per cubic meters	
12	Providing Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete Thermo-Mechanically Treated bars of grade Fe-500D or more complete as per the direction of the Engineer-In-charge including making good the floors and as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	2795.40 Kilogram			Per Kilogram	
13	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone Cement mortar 1:6 (1 cement : 6 coarse sand) aggregate 20 mm nominal size) upto plinth level with complete as per the direction of the Engineer-In-charge including making good the floors and as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	7.57 Cubic metre			Per cubic meters	
14	Brick work with common burnt clay machine moulded (Fire Bricks) 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 Modular bricks complete as per the direction of the Engineer-In-charge including making good the floors and as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	1.20 Cubic metre			Per cubic meters	
15	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete complete as per the direction of the Engineer-In-charge including making good the floors and as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	0.80 Qtl			Per qtl	
16	15 mm cement plaster on rough side of single or half brick wall of min. 1/6 (1 cement : 6 coarse sand) complete as per the direction of the Engineer-In-charge including making good the floors and as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	6.20 Square metres			Per square metre	
17	1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. complete as per the direction of the Engineer-In-charge including making good the floors and as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	1.64 Square metres			Per square metre	
18	Providing and laying Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete as per the direction of the Engineer-In-charge including making good the floors and as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts	12.80 Square metres			Per square metre	
TOTAL :-						

Executive Engineer,
HP PWD Division,
Landa at Nagroa Bagwan.

SCHEDULE OF QUANTITY

ESTIMATED COST:-

₹ 499053.00

EARNEST MONEY :-

₹ 10000.00

TIME LIMIT :

THREE MONTHS

NAME OF WORK :- Special Repair to Animal Hospital in Dr.R.P.G.M.C. TANDA. Dist Kangra H.P.

SUB HEAD :- , Repair of plaster , P/F Glass Panes, Aluminium Work, Painting Etc,


Sr. No	Description Of Item	Qty.	Rate (Rs.)		Unit	Amount (Rs.)
			In Fig.	In Words		
1	Dismantling tiled floors laid in mortar upto floor two level including stacking of serviceable materials and disposal of un-serviceable materials within 20 metres lead (wooden/concrete joists to be measured and paid for separately) For thickness of tiles above 25mm and upto 40mm including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-Incharge.	49.68			Per Sqm.	
2	Repairs to plaster in patches of 2.50 Sq.M. and under and 10 to 15mm thick including cutting the patch in proper shape and replastering the surface of the wall including disposal of rubbish to the dumping ground within a lead of 20 metres with:- Cement Mortar 1:6 (1 Cement : 6 Sand), including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-Incharge.	44.88			Per Sqm.	
3	Providing and laying cement concrete 1:3:6 (1 cement:3 sand:6 graded stone aggregate 40mm nominal size) excluding cost of centring and shuttering in: Foundations and plinth: including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-Incharge.	2.22			Per Cum	
4	Providing and fixing 250 x 10mm size aluminium tower bolts (berrel type) anodized trans parent or dyed to required shade and colour with screws etc. complete, including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-Incharge.	41.00			Each	
5	Providing and fixing 100 mm aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete. including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-Incharge.	30.00			Each	
6	Providing and fixing anodized aluminium sliding door bolts anodized transparent or dyed to required colour and shade with necessary screws etc. complete. 300X16mm including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-Incharge.	44.00			Each	
7	Providing and fixing oxidized M.S. presses parliamentary hinges with necessary screws etc complete 50X125X27X2.80mm including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-Incharge.	80.00			Each	
8	Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever necessary: Plate Glass 3.5 mm thick. including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-Incharge.	25.85			Per Sqm.	

9	Steel work welded in brup structures and tramed work, including testing, welding, fixing in position and applying a priming coat of red lead paint in beams joints, channels, angles, tee, flats with connecting plates or angle cleats as in main and cross beams, ship and jackrafters, girders connected to common rafters and the like including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	50.00	Each	
10	Providing and fixing bright finished hard drawn hooks and eyes, 300 mm including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	10.40	Per Sqm.	
11	Providing and fixing steel glazed doors, windows and ventilators of standard rolled steel sections joints mitered and welded with 16x3, 15 mm lugs 10 cm long with wooden plugs and screws or rawl plug and screws or with fixing clips or with bolts and nuts as required and iron fittings, including providing and fixing of glass panes with glazing clips and special metal sesh putty including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	88.40	Per Sqm.	
12	Providing and fixing 0.60mm thick pre-painted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RMP) organic coating of 20 microns over 5 microns primer coating to back coat of polyester of 5 microns over 5 microns primer coating i/c fixing with pre-painted iron j or L hooks, bolts and nuts 6mm dia metre with pre-painted limpet and rubber washers complete with all accessories as required including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	26.05	Per Sqm.	
13	Providing and fixing 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc complete) including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	40.00	Each	
14	Welding of steel window shutter when required complete including complete repair of the window shutter including accessories of window shutter complete, including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	12.00	Each	
15	Repair of Door and Windows, including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	138.20	Per Sqm.	
16	Providing and laying heavy duty precast cement concrete inter locking paver blocks vibro compacted upto M-50 grade i/c border or kurb block grey or coloured over sub-base of concrete with 25mm thick average thickness of cement mortar 1:4 (1 cement : 4 sand) laid over and jointed with neat cement slurry mixed with pigment to match the shade of blocks i/c curing rubbing & polishing complete (Sub base concrete floor to be paid for 40mm thick block including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	1844.35	Per Sqm.	
17	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	354.59	Per Sqm.	
18	Applying Birla white wall care putty over plaster surface emulsion after thoroughly brushing the surfaces free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete.			

19	Wall painting (one coat) with Plastic emulsion paint of approved brand and manufacture on decorated wall surface to give an even shade including thoroughly brushing the surface clean of all dirt grease, loose pieces of scale and sand papered smooth.	1181.95				Per Sqm.	
20	Extra over item No. 24 for every sub sequent coat of distemper with oil bound washable distemper of approved brand and manufacture. including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	1181.95				Per Sqm.	
21	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel - With Enamel paint other than white. including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	34.56				Per Sqm.	
22	Extra over item No. 26 for every subsequent coat of paint including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	34.56				Per Sqm.	
23	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with ready mixed flat oil paint, brushing to give an even shade including cleaning of all dirt, dust and other foreign matter and sand papering and stopping including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	91.93				Per Sqm.	
24	Extra over item No. 24 for every subsequent coat of paint including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	91.93				Per Sqm.	
25	Finishing wall with Heritage Silica duke texture finish of approved shade exterior grade emulsion of approved brand on undecorated wall surface (two coat) to give an even shade and final finish after thoroughly cleaning the surfaces to remove all dirt, dust and foreign matters including sand papering smooth and primer coat of required shade and brand or any adhesive if required complete including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	662.40				Per Sqm.	
26	Providing, laying and proper rolling of Doob/ Bermuda grass (Variety-Selection I) turf which is compact, evenly grown and free from weeds along with maintenance for 30 days or more till the grass form a thick lawn free from weeds and fit for mowing including supplying good earth if needed (the earth shall be paid separately) including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	117.30				Per Sqm.	
27	Grassing with 'Doob' grass including watering and maintenance of the lawn for 30 days or more till the grass form a thick lawn free from weeds and fit for mowing including supplying good earth if needed (the good earth shall be paid separately). In rows 7.5 cm apart in either complete including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	117.30				Per Sqm.	
28	Providing and fixing vitreous China wash down, water closet (European type, W.C. pan) with integral 'P' or 'S' trap including jointing the trap with soil pipe Cera, Jaquar and Hindware in cement mortar 1:1 (One cement : One sand) (Seat and over to be measured and paid for separately complete including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	2				Each	

	Providing and fixing sand cast iron 100mm (Hundred millimetres) size Cera or its equivalent P or S traps for water closet (squatting pan) including jointing the trap with pan and soil pipe in cement mortar 1:1 (one cement one sand) including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	2	Each	
30	Providing and fixing plastic seat (Solid/Hollow type) and cover Cera, Jaquar and Hindware for wash down water closet with C.P. Brass hinges and rubber buffers complete including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	2	Each	
31	Providing and fixing (vitreous China wash basin with single hole for pillar tap with C.I. or M.S. brackets fittings complete including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	2	Each	
32	Providing and fixing 32mm (Thirty two millimetres) dia C.P. Brass waste pipe for wash basin or sink ISI make complete.	10	Each	
33	Providing and fixing 600x450mm (Six hundred into Four hundred fifty millimetres) size bevelled edge mirror of superior glass mounted on 6mm thick A.C. Sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers complete.	2	Each	
34	Providing and fixing C.P. Bottle Trap for wash basin and sink :- 32mm dia including entire carriage of materials with	4	Each	
35	Providing and fixing recessed Roll type toilet paper holder including entire carriage of materials within all leads lifts	2	Each	
36	Providing and fixing to wall ceiling and floor 32 mm including entire carriage of materials within all leads lifts and	4	Each	
37	Providing and fixing chromium plated brass soap dish with C.P. brass brackets fixed to wooden cleats with C.P. brass screws Cera, Jaquar and Hindware complete including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	2	Each	
38	Providing and fixing 15mm (Fifteen millimetres) diameters long nose brass bib tap (Superior or heavy type) Cera, Jaquar and Hindware complete including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	2	Each	
39	Providing and fixing 15mm (Fifteen millimetres) dia long body brass bib tap (Superior or heavy type) Cera, Jaquar and Hindware complete	2	Each	
40	Providing and fixing 15mm (Fifteen millimetres) C.P. brass angle valve without nuts and pipe Cera, Jaquar and Hindware complete including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	6	Each	
41	Providing and fixing P.V.C. connection 300x450mm (Three hundred into four hundred fifty millimetres) length with check nut and brass union Cera, Jaquar and Hindware complete including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	14	Each	

42	Providing and fixing PTMT Coloured/white high density polyethylene / poly propylene 10.00 ltrs (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, syphon, 15mm (Fifteen millimetres) nominal size PVC ball valve with polythene float with push button, couplings for connections with inlet, outlet and over flow 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) complete including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	2			Each	
43	Providing and fixing PTMT jet spray of approved quality and colour with one metre tube including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	6			Each	
44	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 including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.					
45	15mm (Fifteen millimetres) nominal bore	27.00			per Rmt	
46	20mm (Twenty millimetres) nominal bore	14.00			per Rmt	
47	Providing and fixing PTMT concealed stop cock with flange of approved quality and colour 15 mm including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	6			Each	
48	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 including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	4			Each	
49	Providing and fixing PTMT pillar cock fancy of approved quality and colour including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	2			Each	
50	Providing and fixing 600x20mm (Six hundred into Twenty millimetres) size C.P. Brass Towel rail Cera or its equivalent complete with C.P. Brass brackets fixed to wooden plugs with C.P. Brass screws complete including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	2			Each	
Total:-Rs.						


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

SCHEDULE OF QUANTITY

NAME OF WORK :- A/R & M/O on various roads under Nagrota Sub-Division, H.P.P.W.D. Nagrota Bagwan in Dist. Kangra (H.P.).

SUB HEAD **Manufacturing, supplying of sign board**


ESTIMATED COST :- ₹. 194500.00

EARNEST MONEY :- ₹. 3900.00

TIME LIMIT :- ONE MONTH

Sr. No.	Description of items	Qty.	RATES		Unit	Amount
			In fig	In words		
1	Providing and fixing 3D solid sign board of 3mm (Three millimetre) thick black ACP sheet with frame of 25x25mm (Twenty five into twenty millimetre) size galvanised rust from square pipe, three layers MRF glen coating, properly fixed on the base with adhive hidden screws and complete sign fixed on site with MS clamps, screws and nut & bolts complete complete as directed by the Engineer-Incharge including cartiage of materials within all leads and lifts and other incidentals.	2.80 Square metres	4	5	6 Per square metre	7
2	Providing and fixing infomatory board of size 600x600mm with 3mm thick ACP panel with back support of 25x25x3mm M.S angle as per clause number 800 of MORT & H complete. Front side to have High intensity micro prismatic reflective sheeting confirming to ASTM type-XI computer designed & cut on computer plotter and back side to be painted with epoxy. This shall be fixed with two Numbers leg post of 65x65x5mm, height 3 meter painted with first quality enamel paint of alternate colour black and white strips, the post shall be fixed in cement concrete 1:2:4 (1 cement: 2 sand: 4 graded crushed stone aggregate 20mm size 60x60x60cm size complete including entire cartiage of materials within all leads and lifts and other incidentals	4 Number			Each	
3	Providing and fixing infomatory board of size 450x450mm with 3mm thick ACP panel with back support of 25x25x3mm M.S angle as per clause number 800 of MORT & H complete. Front side to have High intensity micro prismatic reflective sheeting confirming to ASTM type-XI computer designed & cut on computer plotter and back side to be painted with epoxy. This shall be fixed with two Numbers leg post of 65x65x5mm, height 3 meter painted with first quality enamel paint of alternate colour black and white strips, the post shall be fixed in cement concrete 1:2:4 (1 cement: 2 sand: 4 graded crushed stone aggregate 20mm size 60x60x60cm size complete including entire cartiage of materials within all leads and lifts and other incidentals	4 Number			Each	

1	2	3	4	5	6	7
4	Providing and fixing informatory board of size 1500x1100mm with 3mm thick ACP panel with back support of 25x25x3mm M.S angle as per clause number 800 of MORT & H complete. Front side to have High intensity micro prismatic reflective sheeting confirming to ASTM type-XI computer designed & cut on computer plotter and back side to be painted with epoxy. This shall be fixed with two Numbers leg post of 65x65x5mm, height 3 meter painted with first quality enamel paint of alternate colour black and white strips and writing with colour reflective tap, the post shall be fixed in cement concrete 1:2:4 (1 cement: 2 sand: 4 graded crushed stone aggregate 20mm size 60x60x60cm size complete including entire carriage of materials within all leads and lifts and other incidentals	1 Number			Each	
5	Providing and fixing stainless steel board 40x15cm (Forty into fifteen centimetre). complete including entire carriage of materials within all leads and lifts and other incidentals	10 Number			Each	
6	Providing and supplying of wooden and steel table of size 4x3 ft (Four into three feet) including entire carriage of materials within all leads, lifts and other incidentals.	3 Number			Each	
7	Providing and supplying of steel office chairs / conference chairs including entire carriage of materials within all leads, lifts and other incidentals.	20 Number			Each	
TOTAL :-						


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

