

**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 **04.05.2023** 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 **03.05.2023** up to **4:00 P.M.** and the application for issue of tender form shall be received on **02.05.2023** up to **12:00 noon.** The applications for issue of tender forms accompanied with enlistment letter or renewal letter and the earnest money in the shape of National Saving Certificates/Saving Account of the Post Office /Time Deposit account/FDR in Himachal Pradesh duly pledged in favour of Executive Engineer, HP PWD Division Tanda at Nagrota Bagwan.

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

Sr. No.	Name of work	Estimated Cost	Earnest Money	Time limit
1	Construction of link road to village Dehru in District Kangra (HP) (SH:-Construction of Edge wall with U-shape drain at RD 0/300 to 0/330).	234435/-	4700/-	Three months
2	Special repair to Paraclinic Lab in Dr R.P. Govt. Medical College at Tanda in Distt Kangra (HP) (SH:-Balance work of providing and fixing aluminium work, water supply & sanitary installation etc; Pathology practical lab room no 621 (A)	499545/-	10000/-	Two months
3	Repair of Boys Hostel at RGEC Kangra at Nagrota Bagwan in District Kangra (HP) (SH:-Construction of plastering work, painting work, wood work glass panes & cement concrete excreta)	499166/-	10000/-	Two months
4	Repair of Girls Hostel at RGEC Kangra at Nagrota Bagwan in District Kangra (HP) (SH:-Construction of plastering work, painting work, wood work glass panes & cement concrete excreta)	499982/-	10000/-	Two months
5	Special repair to TB Sanatorium at Dr R.P. Govt Medical College at Tanda in Distt Kangra (HP) (SH:-Dismantling tile, repair of plaster, wall tile, aluminium work and painting etc; in Back side of TB Sanatorium (Part-I)	425050/-	8500/-	Two months

Terms & Conditions:-

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

HIMSUCHANA AVAM & JAN SAMPARK

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

529-58

Copy to the following for information and necessary action:-

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

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

(On behalf of Governor of Himachal Pradesh)

Dated/ 20-4-2023

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

SCHEDULE OF QUANTITY

ESTIMATED COST: - 234435.00
EARNEST MONEY: - 4700.00
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of link road to village Dehru in District Kangra, (H.P.).
SUB-HEAD :- Construction of Edge wall with U-shape drain at RD 0/300 to 0/330.

Sr No.	Description of items	Quantity	RATES		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 a any lead as directed by the Engineer-in-charge, within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	42.08 Cubic metres			Per cubic metre	
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level cement concrete 1:5:10 (One cement: five sand: ten graded broken/crushed stone aggregate 40mm (Forty millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	51.98 Cubic metres			Per cubic metre	
3	Providing and fixing 100 mm (One hundred millimetres) diameter on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm (Ten millimetres) gap for thermal expansion. Single socketed pipes complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	20.44 Running metre			Per Running 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 cement concrete 1:3:6 (One cement: three sand: six graded broken/crushed stone aggregate 40mm (Forty millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	5.40 Cubic metres			Per cubic metre	
TOTAL :-						

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

SCHEDULE OF QUANTITY

ESTIMATED COST :- ₹ 499545.00
EARNEST MONEY :- ₹ 10000.00
TIME LIMIT : TWO MONTHS

NAME OF WORK :- Special repair to Paraclinic Lab. in Dr. R.P. Govt. Medical College at Tanda in Dist. Kangra (H.P.)
SUB-HEAD :- Balance work of providing and fixing aluminium work, water supply & sanitary installation etc. Pathology Practical Lab. Room No. 621 (A).

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	Providing and fixing aluminium anodised/colour coated work for door, windows, ventilators and partitions with extruded built up standard tubular and other sections of approved make conforming to IS 733 and IS 1285 anodised transparent or dyed to required shade according to IS 1868. (Minimum anodic coating of grade AC 15) fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rustfree, straight, mitted and jointed mechanically where ever required including cleast angle, aluminium, snap beading for glazing/ panelling C.P. brass/stainless steel screws for doors windows and ventilators and glazed partitions frames. All complete as per architectural drawings and as directed by the Engineer- In-charge, including carriage of materials within all leads, lifts and other incidentals.	3 105.00 Kilograms	4	5	6 Per kilo-gram	7
2	Providing and fixing aluminium anodised/colour coated work for door, windows, ventilators and partitions with extruded built up standard tubular and other sections of approved make conforming to IS 733 and IS 1285 anodised transparent or dyed to required shade according to IS 1868. (Minimum anodic coating of grade AC 15) fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rustfree, straight, mitted and jointed mechanically where ever required including cleast angle, aluminium, snap beading for glazing/ panelling C.P. brass/stainless steel screws for shutters of doors windows & ventilators including providing and fixing hinges/pivots and making provisions for fixing of fittings where ever required including the cost of PVC/neoprene gaskets as required (fittings and glazing/panelling shall be paid for separately) all complete as per architectural drawings and as directed by the Engineer- In-charge, including carriage of materials within all leads, lifts and other incidentals	509.00 Kilograms			Per kilo-gram	
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 (Twenty millimetres) nominal size) complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	1.35 Cubic metre			Per cubic meters	
4	Providing and fixing 12mm (Twelve millimetres) thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in paneling 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 per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	22.60 Square metres			Per square metre	
5	Providing & fixing 5.5 mm (Five point five) thick glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	8.80 Square metres			Per square metre	
6	Providing and fixing 125 mm (One hundred twenty five millimetres) 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 and as per direction of Engineer- In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	186 Numbers			Each	

7	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm (Ten millimetres) gap for thermal expansion, (i) Single socketed pipes complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.					
i	100mm (One hundred millimetres) dia pipes	69.20	Running metres	Per Running metre		
ii	50mm (Fifty millimetres) dia pipes	70.50	Running metres	Per Running metre		
8	Providing and fixing 15 mm (Fifteen millimetres) nominal bore C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. (Six hundred ten gms.) complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	6	Numbers	Each		
9	Providing and fixing 15mm (Fifteen millimetres) nominal bore C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	12	Numbers	Each		
10	Providing and fixing 15 mm (Fifteen millimetres) nominal bore brass stop cock of approved quality complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	6	Numbers	Each		
11	Providing and fixing 32 mm (Thirty two millimetres) nominal bore PTMT waste coupling of approved quality and colour complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	27	Numbers	Each		
12	Providing and fixing 30 cm (Thirty centimetres) length 15 mm (Fifteen millimetres) nominal bore unplasticised PVC connection pipe with brass unions complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	10	Numbers	Each		
13	Providing and fixing 15 mm (Fifteen millimetres) nominal bore, 107 mm (One hundred seven millimetres) long, weighing not less than 110 gms (One hundred ten gms) brass pillar cock of approved quality and colour complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	2	Numbers	Each		
14	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(18/8) 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 directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	7	Numbers	Each		
15	Providing and fixing stainless steel soap Dish Holder having length of 138mm One hundred thirty eight millimetres), breadth 102mm (One hundred two millimetres), height of 75mm (Seventy five millimetres) with concealed fitting arrangements, weighing not less than 106 gms (One hundred six gms) complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	6	Numbers	Each		
TOTAL :-						

Executive Engineer
HP PWD Division
Tanda at N/Bagwan.

SCHEDULE OF QUANTITY

ESTIMATED COST:- Rs. 499166.00
EARNEST MONEY :- Rs. 10000.00
TIME LIMIT : TWO MONTHS

NAME OF WORK:- Repair of Boys Hostel at RGGEC Kangra at Nagrota Bagwan in District Kangra, (H.P.).

SUB-HEAD:- Construction of Plastering work, Painting work, Wood work, Glass panes & Cement concrete etcetra.

Sr No.	Description of items	Quantity	RATES		Unit	Amount
			In fig 4	In words 5		
1	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade Old work (Two or more coats applied @ 1.43 lit/ 10 sqm (One point forty three litre/ten square metre)) over existing cement paint surface complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	1210.10			Per square metre	
2	Repairs to plaster with cement mortar 1:4 (One cement : four fine sand) of thickness 12 to 20 mm (Twelve to twenty millimetre) in patches of area 2.5 (Two point five) square 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, complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	220.75			Per square metre	
3	Providing and applying white cement based putty of Birla / JK average thickness 1mm (One millimetres) thick, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete upto all floor level complete including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	220.75			Per square metre	
4	Wall painting two coats with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour 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.	210.07			Per square metre	


5	Painting one or more coats on old work with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade 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.	138.22	Per square metre	
6	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm (Twelve millimetres) thick bed of cement Mortar 1:3 (one cement : three coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm (Three point three kilogramme per square metre) including pointing in white cement mixed with pigment of matching shade 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.	5.20	Per square metre	
7	Providing and fixing Unisone/NTC stone for cladding 12mm thick fixed over cement concrete surface side as on faces of Arch masonry wall in cement mortar 1:3 (one cement : three sand) and jointed with cement slurry to match the shade of stone including scaffolding & curing 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.	8.10	Per square metre	
8	Providing and fixing glass panes of 4mm (four millimetres) thick plain glass of Modiguard/Saint Gobian with putty and glazing clips in steel doors, windows, clerestory windows complete as per architectural drawings including carriage of material within all leads, lifts and other incidentals, as per approved specifications drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	5.52	Per Square metre	
9	Providing and fixing 35 mm (Thirty five millimetre) thick Kin seasoned selected planks of 2nd (Second) class deodar wood panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding paneling which will be paid for separately, (Note:- Butt hinges and necessary screws shall be paid separately) complete as per architectural drawings including carriage of material within all leads, lifts and other incidentals, as per approved specifications drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	2.78	Per Square metre	

10	Providing and fixing 35 mm (Thirty five millimetre) thick with ISI marked stainless steel butt hinges of required size Kiln seasoned 2nd (Second) class deodar wood wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm (One point four millimetre) in both directions with wire of dia 0.63 mm (zero point sixty three millimetre), for doors, windows and clerestory windows with hinges and necessary screws complete as per architectural drawings including carriage of material within all leads, lifts and other incidentals, as per approved specifications drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	Square metres	0.91			Per Square metre	
11	Providing and fixing Anodised aluminium/colour coated (anodised transparent or dyed to required shade according to IS: 1868. Minimum anodic coating of grade AC 15) work for fixed portion doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285. fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) complete as per architectural drawings including carriage of material within all leads, lifts and other incidentals, as per approved specifications drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	Kilograms	122.56			Per kilo-gram	
12	Providing and fixing Anodised aluminium/colour coated (anodised transparent or dyed to required shade according to IS: 1868. Minimum anodic coating of grade AC 15) for shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of linings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285. fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge (Glazing, paneling and dash fasteners to be paid for separately) complete as per architectural drawings including carriage of material within all leads, lifts and other incidentals, as per approved specifications drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	Kilograms	203.56			Per kilo-gram	

13	Providing and fixing 12mm (Twelve millimetre) thick Pre-laminated particle board with decorative lamination on both sides 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 etcetra complete as per architectural drawings including carriage of material within all leads, lifts and other incidentals, as per approved specifications drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	Square metres	21.10			Per Square metre	
14	Providing and fixing 300x16mm (Three hundred into Sixteen millimetres) size aluminium Pilot/sheel sliding door bolts anodized transparent or dyed to required colour and shade with necessary screws etcetra 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.	Numbers	5			Each	
15	Providing and fixing 200x10mm (Two hundred into ten millimetres) size aluminium Pilot/sheel tower bolts anodized transparent or dyed to required colour and shade with necessary screws etcetra 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.	Numbers	10			Each	
16	Providing and fixing 100x10mm (One hundred into ten millimetres) size aluminium Pilot/sheel tower bolts anodized transparent or dyed to required colour and shade with necessary screws etcetra 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.	Numbers	68			Each	
17	Providing and fixing 100x10mm (One hundred into ten millimetres) size aluminium Pilot/sheel tower bolts anodized transparent or dyed to required colour and shade with necessary screws etcetra 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.	Numbers	78			Each	
18	Providing and fixing 150mm (One hundred fifty millimetres) bright finished floor brass door stopper with rubber cushion, necessary brass screws etc. to suit shutter thickness 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.	Numbers	5			Each	

19	Providing and fixing cup board shutters with non decorative veneering on both sides 25 mm (Twenty five millimetres) thick veneered particle board IS : 3097 marked, exterior grade (Grade I), of approved make, including lind class teak wood lipping of 25 mm (Twenty five millimetres) wide x 12 mm (Twelve millimetres) thick with necessary screws and bright finished stainless steel piano hinges, complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	5.20	Per Square metre	
20	Painting wood work (including priming coat) with deluxe multi surface paint of Nerolac/ Asian Paint of required shade two or more coat applied @ 0.90 lit/10 sqm (Zero point ninety litre per ten square metre) over an under coat of primer applied @ 0.75 lit/10 sqm (Zero point seven five litre per ten square metre) of approved brand and manufacture including cleaning the surfaces of all dirt, dust and other foreign matter complete as per specifications, drawing and design including carriage of material within all leads, lifts and other incidentals and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	10.00	Per square metre	
21	Providing and fixing 15mm (Fifteen millimetre) nominal bore C.P. brass, Bib cock of Opal Prime (Single lever) series of Jaquar/Fluid (Single lever) series of Hindware/Cera/ESS ESS /Jai ISI marked of approved quality (superior or heavy type) and colour 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.	6	Each	
22	Providing and fixing 100 mm (One hundred millimetre) inlet and 75 mm (Seventy five millimetre) Hubless centrifugally cast (spun) iron epoxy coated inside & outside as per IS:15905 outlet trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	4	Each	
23	Providing and fixing 25x25 mm (Twenty five into twenty five millimetre) size IRC jali in openable shutters complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	10.20	Per Square metre	

24	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level cement concrete 1:2:4 (One cement; two sand; four graded broken/crushed stone aggregate 20mm (Twenty millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	2.80 Cubic metres		Per cubic metre	
25	Structural steel work of Tata / Sail / Reliance / Jindal riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all 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.	246.00 Kilograms		Per kilo-gram	
26	Providing and fixing 15 cm (Fifteen centimetres) wide, 45 cm (Forty five centimetres) overall semicircular plain G.S. sheet 0.63 mm (Zero point sixty three millimetres) thick with zinc coating not less than 275 gm/m ² (Two hundred seventy five grammes per square metre) gutter with iron brackets 40x3mm (Forty into three millimetres) size, bolts, nuts and washers etcetra, including making necessary connections with rain water pipes complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	10.00 Running metres		Per Running metre	
TOTAL :-					


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

SCHEDULE OF QUANTITY

ESTIMATED COST :- Rs. 499982.00
EARNEST MONEY :- Rs. 10000.00
TIME LIMIT : TWO MONTHS

NAME OF WORK :- Repair of Girls Hostel at RGGEC Kangra at Nagrota Bagwan in District Kangra, (H.P.).

SUB-HEAD :- Construction of Plastering work, Painting work, Wood work, Glass panes & Cement concrete etcetra.


Sr No.	Description of items	Quantity	RATES		Unit	Amount
			In fig 4	In words 5		
1	Finishing walls with Premium Acrylic Smooth exterior paint with Silicane additives of required shade Old work (Two or more coats applied @ 1.43 ltr/ 10 sqm (One point forty three litre/ten square metre) over existing cement paint surface complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	1210.10 Square metres			Per square metre	
2	Repairs to plaster with cement mortar 1:4 (One cement : four fine sand) of thickness 12 to 20 mm (Twelve to twenty millimetre) in patches of area 2.5 (Two point five) square 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, complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	220.75 Square metres			Per square metre	
3	Providing and applying white cement based putty of Birla / JK average thickness 1mm (One millimetres) thick, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete upto all floor level complete including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	220.75 Square metres			Per square metre	
4	Wall painting two coats with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour 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.	210.07 Square metres			Per square metre	

5	Painting one or more coats on old work with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade 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.	138.22	Square metres	Per square metre
6	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm (Twelve millimetres) thick bed of cement Mortar 1:3 (one cement : three coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm (Three point three kilogramme per square metre) including pointing in white cement mixed with pigment of matching shade 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.	5.20	Square metres	Per square metre
5	Providing and fixing 18 mm (Eighteen millimetres) thick gang saw cut, mirror polished pre-moulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm (Twenty millimetres) (average) thick base of cement mortar 1:4 (One cement : four coarse sand) laid and joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding in single or double layer and polishing to edges to give high gloss finish etcetra all complete as specified and as directed by the Engineer-in-Charge complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	10.86	Square metres	Per Square metre
8	Providing and fixing glass panes of 4mm (Four millimetres) thick plain glass of Modiguard/Saint Gobian with putty and glazing clips in steel doors, windows, clerestory windows complete as per architectural drawings including carriage of material within all leads, lifts and other incidentals, as per approved specifications drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	5.52	Square metres	Per Square metre

9	Providing and fixing 35 mm (Thirty five millimetre) thick Kiln seasoned selected planks of 2nd (Second) class deodar wood panelled or panelled and glazed shutters for doors, windows and clerestory windows, fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately; (Note:- Butt hinges and necessary screws shall be paid separately) complete as per architectural drawings including carriage of material within all leads, lifts and other incidentals, as per approved specifications drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	2.78	Square metres	Per Square metre
11	Providing and fixing Anodised aluminium/colour coated (anodised transparent or dyed to required shade according to IS: 1868. Minimum anodic coating of grade AC 15) work for fixed portion doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitered and joined mechanically wherever required including cleat 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. (Glazing, panelling and dash fasteners to be paid for separately) complete as per architectural drawings including carriage of material within all leads, lifts and other incidentals, as per approved specifications drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	131.57	Kilograms	Per kilo-gram
12	Providing and fixing Anodised aluminium/colour coated (anodised transparent or dyed to required shade according to IS: 1868. Minimum anodic coating of grade AC 15) for shutters of doors, windows & ventilators, including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required, including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitered and joined mechanically wherever required including cleat 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 (Glazing, panelling and dash fasteners to be paid for separately) complete as per architectural drawings including carriage of material within all leads, lifts and other incidentals, as per approved specifications drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	210.84	Kilograms	Per kilo-gram

		21.10			Per Square metre	
		Square metres				
13	Providing and fixing 12mm (Twelve millimetre) thick Pre-laminated particle board with decorative lamination on both sides flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etcetra complete as per architectural drawings including carriage of material within all leads, lifts and other incidentals, as per approved specifications drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	3	Each			
14	Providing and fixing 300x16mm (Three hundred into Sixteen millimetres) size aluminium Pilot/steel sliding door bolts anodized transparent or dyed to required colour and shade with necessary screws etcetra 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.	Numbers 6	Each			
15	Providing and fixing 200x10mm (Two hundred into ten millimetres) size aluminium Pilot/steel tower bolts anodized transparent or dyed to required colour and shade with necessary screws etcetra 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.	Numbers 28	Each			
16	Providing and fixing 100x10mm (One hundred into ten millimetres) size aluminium Pilot/steel tower bolts anodized transparent or dyed to required colour and shade with necessary screws etcetra 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.	Numbers 34	Each			
17	Providing and fixing 100x10mm (One hundred into ten millimetres) size aluminium Pilot/steel tower bolts anodized transparent or dyed to required colour and shade with necessary screws etcetra 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.	Numbers 3	Each			
18	Providing and fixing 150mm (One hundred fifty millimetres) bright finished floor brass door stopper with rubber cushion, necessary brass screws etc. to suit shutter thickness 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.	Numbers				

21	Providing and fixing 15mm (Fifteen millimetre) nominal bore C.P. brass. Bib cock of Opal Prime (Single lever) series of Jaquar/Fluid (Single lever) series of Hindware/Cera/Ess ESS /Jal ISI marked of approved quality (superior or heavy type) and colour complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	10 Numbers			Each	
23	Providing and fixing 25x25 mm (Twenty five into twenty five millimetre) size IRC jali in openable shutters complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	10.20 Square metres			Per Square metre	
24	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level cement concrete 1:2:4 (One cement: two sand: four graded broken/crushed stone aggregate 20mm (Twenty millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	2.10 Cubic metres			Per cubic metre	
TOTAL :-						


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

SCHEDULE OF QUANTITY

ESTIMATED COST :- ₹ 425050.00
EARNEST MONEY :- ₹ 8500.00
TIME LIMIT :- TWO MONTHS

NAME OF WORK :- Special repair to TB Sanatorium at Dr. R.P. Govt. Medical College at Tande in Dist. Kangra (H.P.)
SUB-HEAD :- Dismantling tile, repair of plaster, wall tile, aluminium work and painting etc. in Back side of TB Sanatorium (Part-I)

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	Earth work in surface excavation work by mechanical means (Hydraulic excavator)/ manual means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm (Thirty centimetres) in depth, 1.5 m (one point five metres) in width as well as 10 sqm (Ten square metres) on plan) including getting out and disposal of excavated earth lead upto 50 m (fifty metres) and lift upto 1.5 m (one point five metres) complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	32.40 Cubic metres	4	5	Per Cubic metre	7
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:3:6 (1 Cement : 3 coarse sand): 6 graded stone aggregate 40 mm (Forty millimetres) nominal size) complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	56.05 Cubic metres			Per Cubic metre	
3	Repairs to plaster of thickness 12 mm to 20 mm (Twelve millimetres to twenty millimetres) in patches of area 2.5 sq.meters (Two point five square metres) and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground with cement mortar 1:4 (1 cement : 4 fine sand) complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	56.00 Square metres			Per Square metre	
4 (i)	Providing and fixing aluminium anodized/colour coated work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitted and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-incharge. (Glazing, paneling and dash fasteners to be paid for separately) : Powder coated aluminium (minimum thickness of powder coating 50 micron) For doors windows and ventilators and glazed partitions frames complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	39.91 Kilograms			Per Kilogram	
(ii)	Providing and fixing aluminium anodized/colour coated work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitted and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-incharge. (Glazing, paneling and dash fasteners to be paid for separately) : Powder coated aluminium (minimum thickness of powder coating 50 micron) For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Powder coated aluminium (minimum thickness of powder coating 50 micron) complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	35.10 Kilograms			Per Kilogram	

S. No.	Description of Items	Quantity	Rate		Unit	Amount
			In fig	In words		
1			4	5	6	7
5	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 5 mm (Five millimetres) thickness (weight not less than 12.50 (Twelve point fifty) kg/ sqm) complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	3 12.32 Square metres			Per Square metre	
6	Providing and fixing fly proof galvanized M.S. wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm (One point four millimetres) in both directions with wire of dia 0.63 mm (Zero point sixty three millimetres) all complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals..	1.15 Square metres			Per Square metre	
7	Providing and fixing anodized aluminium sliding door bolts anodized transparent or dyed to required colour and shade with necessary screws etc. complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.					
i	300x10mm (Three hundred into ten millimetres)	5 Numbers			Each	
ii	250x10mm (Two hundred fifty into ten millimetres)	5 Numbers			Each	
8	Providing and fixing anodized aluminium tower bolts (barrel type anodized transparent or dyed to required shade and colour with screws etc. complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.					
i	200x10mm (Two hundred into ten millimetres)	3 Numbers			Each	
ii	250x10mm (Two hundred fifty into ten millimetres)	4 Numbers			Each	
9	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.					
i	125mm (One hundred twenty five millimetres)	6 Numbers			Each	
ii	100 mm (One hundred millimetres)	5 Numbers			Each	
10	Providing and fixing 100mm (One hundred millimetres) bright finished brass floor door stopper with rubber cushion screws etc. to suit shutter thickness complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	2 Numbers			Each	
12	Brick work using second class common burnt clay building bricks in Super-structure above plinth level up to floor two level in cement mortar 1:6 (1 cement: 6 sand) complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	3.03 Cubic metres			Per Cubic metre	
13	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Mild steel and Medium Tensile steel bars complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	158.02 Kilograms			Per Kilogram	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1		3	4	5	6	7
14	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	21.00 Kilograms			Per Kilogram	
15	Providing corrugated G.I sheet roofing fixed with galvanised iron J or L hooks bolts and nuts 8 mm (Eight millimetres) diameter with bitumen and G.I. limpet washers filled with white lead complete excluding the cost of purlins rafters and trusses 0.80 mm (Zero point eight zero millimetres) thick sheet complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	24.50 Square metres			Per Square metre	
16	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	116.25 Square metres			Per Square metre	
17	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 and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	17.44 Square metres			Per Square metre	
18	Finishing walls with Acrylic Smooth exterior paint of required shade New work (Two or more coat applied @ 1.67 lit/10 sqm (One point sixty seven litres/ten square metres) over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm) (Two point twenty kilograms/ten square metres) complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	262.50 Square metres			Per Square metre	
19	Providing two coats (excluding priming coat) on steel 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, sand papering and stopping with paint other than white complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	122.50 Square metres			Per Square metre	
20	Removing old paint from steel and other metal surface & making the surface even with paint remover of approved brand and manufacture complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	143.50 Square metres			Per Square metre	
21	Applying moderate solution on new G.I sheet for preparation of surface for painting @ 5 litres/100 sqm. (Five litres/one hundred square metre) of surface and rubbing the solution with brush including thoroughly cleaning the surface of all oil grease dirt and other foreign matter complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	122.50 Square metres			Per Square metre	
TOTAL :-						

Executive Engineer,
HP PWD Division,
Tanda at N/Bagyan