

**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 **07.10.2024** up to **11:00 A.M.** And the same shall be opened on the same day at **04:00 P.M.** in the presence of intending contractors or their authorized representatives. The tender form can be obtained from his office on cash payment (non refundable) on **05.10.2024** up to **4:00 P.M.** and the application for issue of tender form shall be received on **04.10.2024** up to **12:00 noon.** The applications for issue of tender forms accompanied with enlistment letter or renewal letter and the earnest money in the shape of National Saving Certificates/Saving Account of the Post Office /Time Deposit account/FDR in Himachal Pradesh duly pledged in favour of Executive Engineer, HP PWD Division Tanda at Nagrota Bagwan.

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

Sr. No.	Name of work	Estimated Cost	Earnest Money	Time limit
1	Special repair to Dr R.P. Govt. Medical College at Tanda in Distt Kangra (HP) (SH:- Flushing, cleaning PVC water tank 500, 1000, 2000 & 5000 liters capacity in RCC tanks in various Hostels etc;)	360480/-	7500/-	One month
2	Special repair to 500 Bedded Hospital in Dr R.P. Govt. Medical College at Tanda in Distt Kangra (HP) (SH:-P/F Aluminium work, & tuffen glass etc in front of registration counter OPD no 12 and slip counter in Emergency);	391004/-	8000/-	One month
3	Special repair to 500 Bedded Hospital 2 nd floor O.T. in Dr R.P. Govt. Medical College at Tanda in Distt Kangra (HP) (SH:-P/F Aluminium partition P/F Glass panes, etc in 2 nd floor O.T.)	247151/-	5000/-	One month
4	Special repair to Residential building at Dr RPGMC Tanda Distt Kangra (HP) (SH:- Dismantling of floor tiles and wall tiles repair of plaster, painting WS & SI etc in Type-V Block D Qtr no 2 & 4)	375022/-	7500/-	One month
5	Construction of link road from Kangra Tanda Sadarpur Thanpuri road Km 0/000 to 6/600 in Distt Kangra (HP) (SH:-Construction of road side drain 5/850 to 5/950).	240840/-	4900/-	Two months
6	Special repair to Old type-V block-D Qtr No 6 at Dr RPGMC Tanda Distt Kangra (HP) (SH:-Dismantling tile, P/L floor tile, P/L wall tile P/L granite & P/F Aluminium work WS & SI etc; in Old Type V Block D Qtr No 6)	309542/-	6500/-	One month
7	Special repair to 500 Bedded Hospital at Dr RPGMC Tanda Distt Kangra (HP) (SH:- Providing and fixing WS & SI painting & Distempering etc in Anaesthesia)	208085/-	4500/-	Two months
8	Special repair to Residential Building in Dr R.P.G.M.C. Tanda in Distt Kangra (HP) (SH:-Dismantling, repair of plaster, P/F floor tiles & Wall tiles in Type-V Block-C Qtrs No 14).	146348/-	3000/-	One month

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-

9070-99

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/ 20-9-2024

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

Schedule of Quantity

ESTIMATED COST :-	Rs.	360480.00
EARNEST MONEY :-	Rs.	7500.00
TIME LIMIT	:	ONE MONTHS

NAME OF WORK :- Special repair to Dr. R.P. Govt. Medical College at Tanda in Distt. Kangra (H.P.)
SUB-HEAD :- Flushing, cleaning PVC water tank 500, 1000, 2000 & 5000 liters capacity in RCC tanks in Various Hostels, etc.,

Sr. No	Description Of Item	Quantity	Rate		Unit	Amount
			In fig	In words		
1	Cleaning and flushing of PVC tanks of 500 ltrs. (Five hundred liters), 1000 ltrs. (One thousand liters), 2000 ltrs. (Two thousand litres) & 5000 ltrs. (Five thousand litres) including RCC water tanks etcetera; complete. Any type of damage during course of cleaning shallw be absolute responsibility of the contractors which shall have to be repaired by him in all cases, as directed by Engineer-Incharge including carriage of material within all lead, lifts and other incidentals.	225300		Liter	Per Liter	
Total:-						


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

SCHEDULE OF QUANTITY

ESTIMATED COST :- ₹ 391004.00
 EARNEST MONEY :- ₹ 8000.00
 TIME LIMIT : ONE MONTHS

NAME OF WORK :- Special Repair to 500 Bedded Hospital in Dr. RPGMC at Tanda in Distt. Kangra.
 SUB-HEAD :- P.F. Aluminium work, , & tuffen glass etc. in Front of Registration counter OPD no.12 and slip counter in Emergency.

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
		3	4	5	6	7
i	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, mitred and jointed mechanically where ever required including cleast angle, aluminium, snap beading for glazing/ panelling C.P. brass/stainless steel screws for doors windows and ventilators and glazed partitions frames. All complete as per architectural drawings and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	570.60 Kilograms	510.00		Per kilo-gram	
ii)	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, mitred and jointed mechanically where ever required including cleast angle, aluminium, snap beading for glazing/ panelling C.P. brass/stainless steel screws for shutters of doors windows & ventilators including providing and fixing hinges/pivots and making provisions for fixing of fittings where ever required including the cost of PVC/neoprene gaskets as required (fittings and glazing/panelling shall be paid for separately) all complete as per architectural drawings and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals	17.02 Kilograms	520.00		Per kilo-gram	
2	Providing and fixing glazing in aluminium door, window, ventilator shutters and partition etc with PVC/neoprens gasket etc. complete as per the architectural drawings and the directions of Engineer-In-charge (cost of aluminium snap beading shall be paid in basic item.) Glazing with glass panes of 6mm(Six millimetres) thickness (weight not less than 13.75 kg/sqm (Thirteen point seventy five kilograms/square metre) Modi guard or its equivalent and as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	21.84 Square metres	1129.70		Per square metre	
3	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 milimetres)nominal size	4.00 Numbers	390.00		Each	
ii)	250x16mm(Two hundred fifty into sixteen milimetres) nominal size	4.00 Numbers	350.00		Each	
4	Providing and fixing 300x10mm (Three hundred into ten millimetres) aluminium tower bolts (berrel type) anodized trans parent or dyed to required shade and colour with screws etc. complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.					
i)	300x10mm (Three hundred into sixteen millimetres) nominal size	2.00 Numbers	95.50		Each	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1		3			6	
ii)	250x16mm(Two hundred fifty into sixteen millimetres) nominal size	2.00	85.50	5	Each	7
		Numbers				
5	Providing and fixing aluminium handles anodized transparent or dyed to required colour or shade with necessary screws etc. complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.					
i)	125mm (One hundred twenty five millimetres) nominal size	2.00	57.55		Each	
		Numbers				
ii)	100mm (One hundred millimetres) nominal size	2.00	50.75		Each	
		Numbers				
6	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-Incharge, including carriage of materials within all leads, lifts and other incidentals.	2.00	230.05		Each	
		Numbers				
7	Providing and fixing M.S. double acting spring hinges bright finished with necessary screws etc. complete. 150 mm s (One hundred fifty millimetres) complete and as per direction of the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	8.00	980.00		Each	
		Numbers				
8	Supplying and fixing tuffen glass 8 mm (Eight millimetres) thick with 10cm (Ten centimetres) dia holes and chamfering of cutting edges of the glass complete and as per direction of Engineer- Incharge, including entire carriage of material within all leads, lifts and other incidentals.	32.50	1640.00		Per square metre	
		Square metres				
9	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with 3.5 mm (Three point five millimetres) thick glass panes complete and as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	1.17	1141.90		Per square metre	
		Square metres				
TOTAL :-						


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

SCHEDULE OF QUANTITY

ESTIMATED COST :- ₹ 247151.00
 EARNEST MONEY :- ₹ 5000.00
 TIME LIMIT :- ONE MONTHS

NAME OF WORK :- Special Repair to 500 Bedded Hospital 2ND floor O.T in Dr. RPMC at Tanda in Distt. Kangra.
 SUB-HEAD :- P/F Aluminium Partaction, P/F Glass panes, ETC IN 2ND FLOOR O.T.

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
		3		5	6	7
1	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, mitted and jointed mechanically where ever required including cleast angle, aluminium, snap beading for glazing/ panelling C.P. brass/stainless steel screws for doors windows and ventilators and glazed partitions frames. All complete as per architectural drawings and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	260.30 Kilograms	510.00		Per kilo-gram	
ii)	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, mitted and jointed mechanically where ever required including cleast angle, aluminium, snap beading for glazing/ panelling C.P. brass/stainless steel screws for shutters of doors windows & ventilators including providing and fixing hinges/pivots and making provisions for fixing of fittings where ever required including the cost of PVC/neoprene gaskets as required (fittings and glazing/panelling shall be paid for separately) all complete as per architectural drawings and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals	23.28 Kilograms	520.00		Per kilo-gram	
2	Providing and fixing glazing in aluminium door, window, ventilator shutters and partition etc with PVC/neoprens gasket etc. complete as per the architectural drawings and the directions of Engineer-In-charge (cost of aluminium snap beading shall be paid in basic item.) Glazing with glass panes of 6mm(Six millimetres) thickness (weight not less than 13.75 kg/sqm (Thirteen point seventy five kilograms/square metre) Modi guard or its equivalent and as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	20.57 Square metres	1129.70		Per square metre	
3	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with 3.5 mm (Three point five millimetres) thick glass panes complete and as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	10.30 Square metres	1141.90		Per square metre	
4	P/F 12mm mm thick prelaminated particle board 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 etc. complete as per architectural drawings and directions of engineer- in-charge. Pre-laminated particle board with decorative lamination on both sides complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	43.65 Square metres	1450.00		Per square metre	
5	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					

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1		3	4	5	6	7
i)	300x16mm size (Three hundred into sixteen millimetres) nominal size	4.00 Numbers	390.00		Each	
ii)	250x16mm (Two hundred fifty into sixteen millimetres) nominal size	4.00 Numbers	350.00		Each	
6	Providing and fixing 300x10mm (Three hundred into ten millimetres) aluminium tower bolts (berrel type) anodized trans parent or dyed to required shade and colour with screws etc. complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.					
i)	300x10mm (Three hundred into sixteen millimetres) nominal size	2.00 Numbers	95.50		Each	
ii)	250x16mm (Two hundred fifty into sixteen millimetres) nominal size	2.00 Numbers	85.50		Each	
7	Providing and fixing aluminium handles anodized transparent or dyed to required colour or shade with necessary screws etc. complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.					
i)	125mm (One hundred twenty five millimetres) nominal size	2.00 Numbers	57.55		Each	
ii)	100mm (One hundred millimetres) nominal size	2.00 Numbers	50.75		Each	
8	Providing and fixing 100mm (One hundred millimetres) bright finished brass door stopper with rubber cushion screws etc to suit shutter thickness complete and as per direction of the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	2.00 Numbers	230.05		Each	
TOTAL -						

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

SCHEDULE OF QUANTITY

ESTIMATED COST :- Rs. 375022.00
 EARNEST MONEY :- Rs. 7500.00
 TIME LIMIT :- ONE MONTH

NAME OF WORK :- Special Repair to Residential Building at Dr.R.P.G.M.C. TANDA Distt Kangra H.P.		SUB-HEAD :- Dismantling of floor tiles and wall tiles .Repair of plaster, painting, W.S. & S.I. Etc. in Type- V Block D Qtr. No.2&4 .		Description of items		Quantity		Rate		Unit		Amount	
S. No.						In fig		In words					
1				2	3	4	5	6	7				
1				Making the opening in brick masonry including dismantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete, to match existing surface i/c disposal of mulba/ rubbish to the nearest municipal dumping ground, all complete and as directed by the Engineer- Incharge. including carriage of materials within all leads, lifts and other incidentals	114.85 Square metres	554.65				Per square metre		7	
2				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, taking 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.	38.08 Square metres	264.35				Per square 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 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	2.40 Cubic metres	5954.35				Per Cubic metre			
4				providing and laying Vitrified tiles in floor with / Nitco/ Rakit/ Simpolor/ Kajaria of different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% (zero point zero eight) and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately). Size of Tile 600x600 mm (six hundred xsix hundred) complete and as directed by the Engineer- Incharge. including carriage of materials within all leads, lifts and other incidentals	29.40 Square metres	1412.90				Per square metre			
5				Providing and laying Vitrified tiles in / Nitco/ Rakit/ Simpolor/ Kajaria of different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% (zero point zero eight) and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately) complete and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals	55.90 Square metres	1487.70				Per square metre			
6				Supplying 3.5mm (Three point five millimetre) thick glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	3.60 Square metres	847.55				Per square metre			
7				Providing and laying on wall face PVC (D-Plast) rain water working pressure not less than 6.00 kg/sqm (six decimal Five Zero kilograms per square metre)including filling the joints with approved adhesive complete and as directed by the Engineer-Incharge, including entire carriage of materials within all leads, lifts and other incidentals.									
i)				75 mm (Seventy five millimetres) dia	25.00 Running metres	165.15				Per running metre			
ii)				110mm (One hundred ten millimetres) dia	18.00 Running metres	260.55				Per running metre			

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
8	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete, as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals	Square metres	11.15		Per square	
9	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete, as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	368.20 Square metres	85.10		Per square metre	
10	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surfaces to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth including applying of putty as required for making the surface complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	563.35 Square metres	74.80		Per square metre	
11	Painting two coats (excluding priming coat) on new wood and wood based surface under coat with enamel and finishing coating with flat oil paint, brushing to give an even shade including cleaning of all with paint other than white as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals	195.00 Square metres	53.85		Per square metre.	
	W.S & S.I					
12	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (Medium grade) Cera or its equivalent approved quality tube fitting and clamps including making good the wall, ceiling and floor as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.					
i)	15mm (Fifteen millimetres) nominal bore	14.00 Running metres	225.50		Per running metre	
ii)	20mm (Twenty millimetres) nominal bore	10.00 Running metres	278.20		Per running metre	
13	Providing and fixing brass full way valve with wheel-TATA JINDAL, complete and complete 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	6.00 Numbers	350.00		Each	
ii)	20mm (Twenty millimetres) nominal bore	4.00 Numbers	410.00		Each	
14	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.	2.00 Numbers	571.00		Each	
15	Providing and fixing 100mm (One hundred millimetres) diametres C.P brass grating for gully floor or Nahmi trap ISI make as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	10.00 Numbers	44.60		Each	
16	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required: White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps etc; complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	4.00 Numbers	3367.45		Each	
17	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid etc; etc; complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	1.00 Numbers	4330.20		Each	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
18	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.	3 Numbers	87.70	5	6 Each	7
19	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.	4.00 Numbers	141.00		Each	
20	Providing and fixing flat back 600x450mm (Six hundred into Four hundred fifty millimetre) nominal size beveled edge mirror or superior glass mounted on 6mm thick A.C. sheet or ply wood sheet and fixed to wooden plugs with C.P. brass and screws and washers including necessary fitting etc. complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	4.00 Numbers	881.40		Each	
21	Providing and fixing bottle trap (32mm nominal size) diameters approved quality & make and as per the direction of Engineer-in-charge, etc. complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	2.00 Numbers	883.05		Each	
22	Providing and fixing chromium plated brass soap dish with C.P. brass brackets fixed to wooden cleats with C.P. brass screws Cera or its equivalent as directed by the Engineer-In-charge including entire carriage of materials within all leads, lifts and other incidentals.	4.00 Numbers	130.50		Each	
23	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.	6.00 Numbers	618.80		Each	
24	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.	6.00 Numbers	552.35		Each	
25	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.	12.00 Numbers	532.00		Each	
26	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.	4.00 Numbers	72.85		Each	
27	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.	4.00 Numbers	192.00		Each	
28	Providing and fixing brass stop cock of approved quality Cera or equivalent as directed by the Engineer-In-charge including entire carriage of materials within all leads, lifts and other incidentals	2.00 Numbers	302.55		Each	
29	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.	10.00 Numbers	660.60		Each	
30	Providing and fixing PTMT pillar cock of approved Cera or its equivalent quality and colour as directed by the Engineer-In-charge including entire carriage of materials within all leads, lifts and other incidentals.	4.00 Numbers	210.05		Each	
31	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.	4.00 Numbers	455.30		Each	
TOTAL :-						

Executive Engineer,
HP PWD Division, Tanda
at Nagrota Bagwan

Schedule of Quantity

ESTIMATED COST :- ₹ 240840.00
 EARNEST MONEY :- ₹ 4900.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- Construction of link road from Kangra Tanda Sadarpur Thanpuri road Km 0/000 to 6/600 in Distt. Kangra (H.P.)
SUB HEAD :- Construction of road side drain 5/850 to 5/950

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	2	3	4	5	6	7
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals.	54.25 Cubic metres			Per cubic metre	
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering .Plain cement concrete 1:3:6 (One Cement : Three coarse sand : Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	42.00 Cubic metres			Per cubic metre	
3	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 including entire carriage of materials within all leads, lifts and other incidentals	363.80 Kilogram			Per Kilo- gram	
TOTAL :-						


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

SCHEDULE OF QUANTITY

ESTIMATED COST:- Rs. 309542.00
 EARNEST MONEY:- Rs. 6500.00
 TIME LIMIT: ONE MONTH

NAME OF WORK:- Special Repair to old type-iv Block -D Qtr no 6 at Dr RPGMC Tanda Distt Kangra (H.P)

SUB-HEAD:-

Dismantling tile, P/L Floor Tile, P/L wall tile, P/L Granite & P/F, Aluminium work, W.S & S.I etc. in Old type V BLOCK D Qtr no. 6.

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:3:6 (One cement : Three sand : six graded stone) or richer mix (i/c equivalent design mix) complete and as directed by the Engineer- In-charge, including carriage of materials within all leads, lifts and other incidentals	1.53 Cubic metre	1004.35		Per Cubic metre	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	1.53 Cubic metres	5954.35		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 metres (Two point five square metres) and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground with cement mortar 1:4 (1 cement : 4 fine sand) complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	18.33 Square metres	264.35		Per square metre	
4	Providing and laying 15 to 20mm (Fifteen to Twenty millimetres) thick granite stone in flooring 20mm (Twenty millimeters) (average) thickness base of cement mortar 1:3 (One cement : Three sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone i/c rubbing and polishing complete and as directed by the Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals.	5.10 Square metres	3544.55		Per square metre	
5	providing and laying Vitrified tiles in floor with / Nitco/ Raki/ Simpolor/ Kajaria of different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% (zero point zero eight) and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, in shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately) Size of Tile 600x600 mm (six hundred xsix hundred) complete and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals	28.10 Square metres	1412.90		Per square metre	
6	Providing and laying Vitrified tiles in / Nitco/ Raki/ Simpolor/ Kajariadifferent sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% (zero point zero eight) and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately) complete and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals	35.40 Square metres	1487.70		Per square metre	
7	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, mitred and jointed mechanically where ever required including cleast angle, aluminium, snap beading for glazing/ panelling C.P. brass/stainless steel screws for doors windows and ventilators and glazed partitions frames. All complete as per architectural drawings and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals	67.08 Kilograms	510.00		Per kilo-gram	
8)	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, mitred and jointed mechanically where ever required including cleast angle, aluminium, snap beading for glazing/ panelling C.P. brass/stainless steel screws for shutters of doors windows & ventilators including providing and fixing hinges/pivots and making provisions for fixing of fittings where ever required including the cost of PVC/neoprene gaskets as required (fittings and glazing/panelling shall be paid for separately) all complete as per architectural drawings and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals	70.20 Kilograms	520.00		Per kilo-gram	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	
8	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-In-charge, including carriage of materials within all leads, lifts and other incidentals.	6.53 Square metres	1129.70		Per square metre	
9	Providing and fixing fly proof galvanized M.S. wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm (zero point six three millimetre)all complete. and as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	3.40 Square metres	642.00		Per square metre	
10	Providing and fixing anodized aluminium sliding door bolts anodized transparent or dyed to required colour and shade with necessary screws etc. completed including entire carriage of materials within all leads, lifts and other incidentals					
i)	300x16mm size (Three hundred into sixteen millimetres) nominal size	8.00 Numbers	112.45		Each	
ii)	250x16mm(Two hundred fifty into sixteen millimetres) nominal size	8.00 Numbers	99.20		Each	
11	Providing and fixing 300x10mm (Three hundred into ten millimetres) aluminium tower bolts (barrel type) anodized trans parent or dyed to required shade and colour with screws etc. complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.					
i)	300x10mm (Three hundred into sixteen millimetres) nominal size	8.00 Numbers	296.35		Each	
ii)	250x16mm(Two hundred fifty into sixteen millimetres) nominal size	8.00 Numbers	370.15		Each	
12	Providing and fixing aluminium handles anodized transparent or dyed to required colour or shade with necessary screws etc. complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.					
i)	125mm (One hundred twenty five millimetres) nominal size	10.00 Numbers	57.55		Each	
ii)	100mm (One hundred millimetres) nominal size	10.00 Numbers	50.75		Each	
13	Providing and fixing 100mm (One hundred millimetres) bright finished brass door sloper 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.	4.00 Numbers	230.05		Each	
14	Providing and fixing 12mm (Twelve millimetres) thick prelaminated board both side bwp phenol bonded exterior/interior grade panelled shutters including bright finished/black enamelled iron butt hinges with necessary screws complete and as per direction of the Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals.	6.71 Square metres	1047.20		Per square metre	
15	Supplying 3.5mm (Three point five millimetre) thick glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	4.32 Square metres	847.55		Per square metre	
16	Providing and fixing 6mm (Six millimetre) 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)complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals	7.20 Square metres	490.00		Per square metre	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
17	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete, as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals	382.56 Square metres	111.15		Per square metre	
18	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete, as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	150.00 Square metres	85.10		Per square metre	
19	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surfaces to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth including applying of putty as required for making the surface complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	382.56 Square metres	74.80		Per square metre	
20	Painting two coats (excluding priming coat) on new wood and wood based surface under coat with enamel and finishing coating with flat oil paint, brushing to give an even shade including cleaning of all with paint other then white as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals	20.80 Square metres	53.85		Per square metre	
	W.S & S.I					
33	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	8.00 Running metres	225.50		Per running metre	
ii)	20mm (Twenty millimetres) nominal bore	10.00 Running metres	278.20		Per running metre	
34	Providing and fixing brass full way valve with wheel-TATA JINDAL, complete and complete 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					
ii)	20mm (Twenty millimetres) nominal bore	Numbers 1.00	350.00 410.00		Each Each	
35	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.	Numbers 2.00	571.00		Each	
37	Providing and fixing 100mm (One hundred millimetres) diameters C.P brass grating for gully floor or Nahni trap ISI make as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	6.00 Numbers	44.60		Each	
38	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required: White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps etc, complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	2.00 Numbers	3367.45		Each	
39	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid etc, etc; complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government	1.00 Numbers	4330.20		Each	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
40	Providing and fixing 32mm (Thirty two millimetres) dia C.P. Brass waste for wash basin or sink ISI make, as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	4.00 Numbers	87.70		Each	
41	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.	4.00 Numbers	141.00		Each	
42	Providing and fixing flat back 600x450mm (Six hundred into Four hundred fifty millimetre) nominal size beveled edge mirror or superior glass mounted on 6mm thick A.C. sheet or ply wood sheet and fixed to wooden plugs with C.P. brass and screws including necessary fitting etc; complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	2.00 Numbers	881.40		Each	
43	Providing and fixing bottle trap (32mm nominal size) diameters approved quality & make and as per the direction of Engineer-in-charge. etc; complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	2.00 Numbers	883.05		Each	
44	Providing and fixing chromium plated brass soap dish with C.P. brass brackets fixed to wooden cleats with C.P. brass screws Cera or its equivalent as directed by the Engineer-In-charge including entire carriage of materials within all leads, lifts and other incidentals.	4.00 - Numbers	130.50		Each	
45	Providing and fixing 15mm (Fifteen millimetres) diameters long nose brass bib tap (Superior or heavy type) Cera or its equivalent as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	2.00 Numbers	618.80		Each	
46	Providing and fixing 15mm (Fifteen millimetres) dia long body brass bib tap (Superior or heavy type) Cera or its equivalent complete as directed by the Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals.	2.00 Numbers	552.35		Each	
47	Providing and fixing 15mm (Fifteen millimetres) C.P. brass angle valve without nuts and pipe Cera or its equivalent complete as directed by the Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals.	4.00 Numbers	532.00		Each	
48	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.	4.00 Numbers	72.85		Each	
49	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.	4.00 Numbers	192.00		Each	
50	Providing and fixing brass stop cock of approved quality Cera or equivalent as directed by the Engineer-In-charge including entire carriage of materials within all leads, lifts and other incidentals	2.00 Numbers	302.55		Each	
51	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	4.00 Numbers	660.60		Each	
52	Providing and fixing PTMT pillar cock of approved Cera or its equivalent quality and colour as directed by the Engineer-In-charge including entire carriage of materials within all leads, lifts and other incidentals.	4.00 Numbers	210.05		Each	
53	Providing and fixing 600x20mm (Six hundred into Twenty millimetres) size C.P. Brass Towel rail Cera or its equivalent complete with C.P. Brass brackets fixed to wooden plugs with C.P. Brass screws as directed by the Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals.	2.00 Numbers	455.30		Each	
TOTAL :-						

Executive Engineer,
HP EWD Division Tanda
at Nagrota Bagwan

Schedule of Quantity

ESTIMATED COST: - Rs. 208085.00
EARNEST MONEY: - Rs. 4500.00
TIME LIMIT : TWO MONTHS

Name of Work:- Special Repair to 500 Bedded Hospital at Dr.RPGMC Tanda Distt Kangra (H.P)
Sub I Providing and Fixing W.S & S.I painting & Distemring etc. in Anaesthesia.

Sr. No	Description Of Item	Quantity		Rate		Unit	Amount
				In fig	In words		
1	Providing and fixing to wall ceiling and floor galvanized mild steel tubes (heavy grade) tube fitting and clamp including making good the wall, ceiling and floor complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals. complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.						
i	15mm (Fifteen milimetres) nominal bore	125.90	Running metres	348.00		per Running metres	
ii	260 mm nominal bore (9inch) (Two hundred sixty milimetres) nominal bore	12.60	Running metres	9800.00		per Running metres	
2	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc.. complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.						
i	15mm (Fifteen milimetres) nominal bore (Elbows)	88.00	Numbers	64.00		Each	
ii	15mm (Fifteen milimetres) nominal bore (UNIONS)	82.00	Numbers	160.00		Each	
iii	15mm (Fifteen milimetres) nominal bore (Tec)	122.00	Numbers	95.00		Each	
iv	15mm (Fifteen milimetres) nominal bore (WATER INLET BALL VALVE)	11.00	Numbers	950.00		Each	
						Total:-	


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

SCHEDULE OF QUANTITY

ESTIMATED COST :- Rs. 146348.00
 EARNEST MONEY :- Rs. 3000.00
 TIME LIMIT ONE MONTH

NAME OF WORK :- Special Repair to Residential Building in Dr.R.P.G.M.C. TANDA, Distt Kangra H.P.
 SUB-HEAD :- Dismantling, Repair of plaster, P/F Floor tiles & Wall tiles in Type-I/ Block -C Qtr.no. 14

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
	2	3	4	5	6	7
1	Making the opening in brick masonry including dismantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete, to match existing surface i/c disposal of mulba/ rubbish to the nearest municipal dumping ground, all complete as per direction of Engineer-in- Charge. complete and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals	16.26 Cubic metre	564.65		Per Cubic metre	
2	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.	5.40 Square metres	264.35		Per square metre	
3	providing and laying Vitrified tiles in floor with / Niteco/ Raki/ Simpolor/ Kajaria of different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% (zero point zero eight) and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately). Size of Tile 600x600 mm (six hundred xsix hundred) complete and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals	15.70 Square metres	1412.90		Per square metre	
4	Providing and laying Vitrified tiles in / Niteco/ Raki/ Simpolor/ Kajariadifferent sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% (zero point zero eight) and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately) complete and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals	7.56 Square metres	1487.70		Per square metre	
5	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, mitred and jointed mechanically where ever required including cleast angle, aluminium, snap beading for glazing/ panelling C.P. brass/stainless steel screws for doors windows and ventilators and glazed partitions frames. All complete as per architectural drawings and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	36.90 Kilograms	510.00		Per kilo-gram	
ii)	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, mitred and jointed mechanically where ever required including cleast angle, aluminium, snap beading for glazing/ panelling C.P. brass/stainless steel screws for shutters of doors windows & ventilators including providing and fixing hinges/pivots and making provisions for fixing of fittings where ever required including the cost of PVC/neoprene gaskets as required (fittings and glazing/panelling shall be paid for separately) all complete as per architectural drawings and as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals	46.80 Kilograms	520.00		Per kilo-gram	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	
6	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-In-charge, including carriage of materials within all leads, lifts and other incidentals.	1.10 Square metres	1129.70		Per square metre	
7	Providing and fixing fly proof galvanized M.S. wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm (zero point six three millimetre)all complete. and as directed by the Engineer In-charge, including carriage of materials within all leads, lifts and other incidentals.	1.80 Square metres	642.00		Per square metre	
8	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	10.00 Numbers	112.45		Each	
ii)	250x16mm(Two hundred fifty into sixteen millimetres) nominal size	10.00 Numbers	99.20		Each	
9	Providing and fixing 300x10mm (Three hundred into ten millimetres) aluminium tower bolts (berrtel type) anodized trans parent or dyed to required shade and colour with screws etc. complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.					
i)	300x10mm. (Three hundred into sixteen millimetres) nominal size	10.00 Numbers	296.35		Each	
ii)	250x16mm(Two hundred fifty into sixteen millimetres) nominal size	100.00 Numbers	370.15		Each	
10	Providing and fixing aluminium handles anodized transparent or dyed to required colour or shade with necessary screws etc. complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana. Toll tax, sale tax, GST and any other taxes imposed by the Government.					
i)	125mm (One hundred twenty five millimetres) nominal size	10.00 Numbers	57.55		Each	
ii)	100mm (One hundred millimetres) nominal size	10.00 Numbers	50.75		Each	
11	Providing and fixing 100mm (One hundred millimetres) bright finished brass door stoper with rubber cushion screws etc to suit shutter thickness cmplete and as per direction of the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	2.00 Numbers	230.05		Each	
12	Providing and fixing 12mm (Twelve millimetres) thick prelaminated board both side bwp phenol bonded exterior/interior grade panelled shutters including bright finished/black enamelled iron butt hinges with necessary screws complete and as per direction of the Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals.	5.18 Square metres	1047.20		Per square metre	
13	Supplying 3.5mm (Three point five millimetre) thick glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	1.80 Square metres	847.55		Per square metre	
14	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete, as directed by the Engineer- In-charge, including carriage of materials within all leads, lifts and other incidentals	22.25 Square metres	11.15		Per square metre	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
15	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete, as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	22.25 Square metres	85.10		Per square metre	
16	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surfaces to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth including applying of putty as required for making the surface complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals	22.25 Square metres	74.80		Per square metre	
17	Painting two coats (excluding priming coat) on new wood and wood based surface under coat with enamel and finishing coating with flat oil paint, brushing to give an even shade including cleaning of all with paint other than white as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals	6.10 Square metres	53.85		Per square metre.	
18	Providing and laying on wall face PVC (D-Plast) rain water working pressure not less than 6.00 kg/sqm (six decimal Five Zero kilograms per square metre) including filling the joints with approved adhesive complete and as directed by the Engineer-In-charge, including entire carriage of materials within all leads, lifts and other incidentals.					
i)	75 mm (Seventy five millimetres) dia	6.00 Running metres	165.15		Per running metre	
ii)	110mm (One hundred ten millimetres) dia	4.00 Running metres	260.55		Per running metre	
TOTAL :						

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