

Schedule of Quantities (NFL/NGL/C/607/2022)

Format- I

Name of Work: "ARC for Misc. Wood Work Jobs at Township and Factory Area during the Year 2022-23."

Sr. No.	Description of work	Unit	Quantity			Quoted Rate		Amount (In Rs.)
			T-Ship	Factory	Total	in Figures	in Words	
1	A) Providing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position. Sal wood.	Cu.m.	3.90	0.50	4.40			
	B) Providing wood work in frames of false ceiling partition etc. sawn and put up in position : Sal wood (including one coat of wood primer).	Cu.m.	0.05	0.05	0.10			
2	Providing and Fixing flat pressed 3 layer particle board medium density grade 1 or graded wood particle board IS : 3087 marked, fixed to frames, backing, partitions with screws complete.							
	a) 12mm Thick	Sq.m.	2.50	2.50	5.00			
	b) 18mm Thick	Sq.m.	1.00	1.00	2.00			
3	Providing and fixing 4mm thick plywood plain lining with necessary screws, complete with:							
	a) Teak ply facings of approved manufacturer.	Sq.m.	1.00	1.00	2.00			
	b) Commercial ply facings of approved make.	Sq.m.	90.00	30.00	120.00			
4	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows including black enamelled M.S. butt hinges with necessary screws including panelling with 12mm th. Marine ply with commercial veneering on both side. 35 mm thick deodar Wood (2nd class).	Sq.m.	10.00	5.00	15.00			
5	Providing and fixing glazed shutters for doors, windows, and clerestory windows using 4mm thick glass panes including M.S. butt hinges with necessary screws: 30mm thick shutter: deodar Wood (2nd class).	Sq.m.	115.00	45.00	160.00			
6	Providing and fixing moulded wooden beeding hollock wood to doors and windows frames with iron screws plugs and priming coat on unexposed surfaces complete. 50 X 12 mm.	Metre	50.00	10.00	60.00			
7	Providing and fixing flush door shutter non-decorative type, core of block board construction with frame of 1st class hardwood and well matched commercial 3ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.							
	i) 35mm thick including Stainless Steel butt hinges with necessary screws.	Sq.m.	22.00	10.00	32.00			
8	Providing and fixing 30 mm thick wire gauge shutters using galvanised MS wire gauge of average width of aperture 1.4mm with wire of dia 0.63 mm for doors, windows and clerestory windows including bright finished or/and black enamelled M.S. butt hinges with necessary screws. 2nd Class Deodar wood.	Sq.m.	32.00	10.00	42.00			

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9	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts,nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1cement:3 sand:6 gaded stone aggregate 20 mm nominal size).	Each	80.00	30.00	110.00			
10	Providing and fixing / replacing oxidised MS sliding door bolts with nuts and screws etc. complete 250x16 mm.	Each	5.00	5.00	10.00			
11	Providing and fixing / replacing MS tower bolte (Barrel type) with necessary screwsetc. complete: bright satin finished black stove enamelled.							
	i) 200x10 mm.	Each	25.00	15.00	40.00			
	ii) 150x10 mm.	Each	20.00	20.00	40.00			
	iii) 100x10 mm.	Each	70.00	30.00	100.00			
12	Providing & fixing / replacing oxidised M.S. hasp and staple (Safety type) conforming to IS: 363 with necessary screws etc. complete. a) 115mm.	Each	1.00	1.00	2.00			
13	Providing & fixing / replacing oxidised M.S. casement stay (Streight peg type) with necessary screws : 300 mm long.	Each	1.00	1.00	2.00			
14	Providing and fixing / replacing M.S. handles conforming to IS:208 with necessaryscrews etc. complete. 100mm.	Each	90.00	10.00	100.00			
15	Providing and fixing / replacing aluminium hanging floor door stoooper anodised(anodic coating not less than grade AC 10 as per IS:1868) transparentor dyed to required colour and shade with necessary screws etc. complete. Twin rubber stopper.	Each	5.00	5.00	10.00			
16	Providing and fixing / replacing aluminium handles anodised (anodic coating notless than grade AC 10 as per IS:1868) transparent or dyed to required colour or shade with necessary screws etc. complete of 100 mm size.	Each	2.00	2.00	4.00			
17	Providing & fixing / replacing aluminium tower bolts anodised (anodic coating notless than grade AC 10 as per Is: 1868) transparent or dyed to requiredcolour or shade with necessary screws etc. complete of following sizes:-							
	i) 200 x 10mm.	Each	1.00	1.00	2.00			
	ii) 150 x 10mm.	Each	1.00	1.00	2.00			
18	Providing and fixing / replacing bright finished brass 100mm mortice latch and lockwith 6 levers and a pair of lever handles with necessary screws etc. complete (best make of approved quality).	Each	1.00	1.00	2.00			
19	Providing and fixing / replacing oxidised MS pressed butt hinges bright finished with necessary screws etc. complete.							

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	i) 100x58x1.90 mm.	Each	20.00	10.00	30.00			
	ii) 75x47x1.70 mm.	Each	20.00	10.00	30.00			
20	Fixing chowkhats in existing opening including embedding chowkhats in floors or walls cutting masonry for holdfasts embedding holdfasts in cement concrete blocks with cement concrete 1:3:6(1 cement:3 coarse sand:6 graded stone aggr. 20 mm nominal size) painting two coats of coal tar to sides of chowkhats and making good the damages to walls and floors as required, including finishing walls with existing treatment of w/washing / distemping / cement painting complete with disposal of rubbish to the dumping ground with in 50 metres lead (Any where within NFL Complex).							
	i) Door chokhats (including fixing of M.S. back door with Shutters).	Each	3.00	2.00	5.00			
	ii) Window chowkhats.	Each	1.00	1.00	2.00			
	iii) Clerestory window chowkhats.	Each	1.00	1.00	2.00			
21	Making the opening in brick masonry including dismantling, fixing new/old chowkhats in floor or walls cutting masonry and fixing holdfasts in cement concrete 1:3:6 (1 cement:3 coarse sand:6 stone aggregate 20 mm nominal size) painting two coats of coal tar to sides of chowkhats and making good the damages to walls and floors complete to match the existing surface.							
	i) Door chokhats.	Each	1.00	1.00	2.00			
	ii) Window chowkhats.	Each	1.00	1.00	2.00			
	iii) Clerestory window chowkhats.	Each	1.00	1.00	2.00			
22	Renewing glass panes and refixing existing wooden fillets including P&F new wooden fillets of wood, wherever required. Glass panes weighing 10 kg/Sq.m. (4mm thick).	Sq.m.	30.00	20.00	50.00			
23	Renewing glass panes with putty and nails wherever necessary Glass panes weighing 10 kg/m2. (4mm thick), upto 3 mtr. Height from floor level.	Sq.m.	35.00	10.00	45.00			
24	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats,architrave holdfasts etc. complete and stacking any where within NFL complex including dismantling MS Grill from window/vent chowkhats of area 3 Sq.m.. and below.(Double leaf shutter shall be treated as 1 unit only for measurement).	Each	250.00	50.00	300.00			

Sr. No.	Description of work	Unit	Quantity			Quoted Rate		Amount (In Rs.)
			T-Ship	Factory	Total	in Figures	in Words	
25	Taking out doors, windows and clerestory windowshutters (steel or wood) including stacking any where in NFL Complex of area 3M2 and below (double leafshutter shall be treated as one unit only).	Each	300.00	50.00	350.00			
26	Providing and fixing 20 mm thick 2nd class deodar wood battend door and window shutters with necessary ledges and braces (25 mm) as required at site including bright finished or black enameled MS tee hinges with necessary screws.	Sq.m	55.00	5.00	60.00			
27	Taking out holdfast from old chowkhats and re-fixing the same to the new chowkhats making holes in the flat iron and providing 10 mm dia bolts and nuts at required spacing as per available pockets in masonry work complete as per site requirements.	Each	1000.00	200.00	1200.00			
28	Taking out doors/windows/clerestory windows, shutters including removing of fittings & hinges re-fixing the same to the new shutter with new screws bolts and nuts wherever required complete all as per specifications and directions of the Engineer-in-Charge.	Each	290.00	100.00	390.00			
29	Providing and fixing sunmica 1 mm thick on cup board shutters, table toppings exposed surfaces of drawers or like of approved brand and manufacturer with reputed make of adhesive complete all as per directions of the Engineer-in-Charge.	Sq.m.	1.00	1.00	2.00			
30	Fixing/battened penalised/glazed/wire gauged shutters in doors/ windows/ ventilators frames. Note: Where pair of shutter, rebate to rebate is fixed only one shutter shall be payable on this account.	Each	90.00	10.00	100.00			
31	Providing & Replacement of fly proof galvanised M.S. wire gauge to doors. Windows etc. (Wire gauge designation 85G with wire dia 0.56mm). With old / by providing new wooden beeding, wherever required.	Sq.m.	110.00	20.00	130.00			
32	Providing and fixing / replacing approved quality hydraulic door closure to door including removal of old one if any with universal type Grade-II. (The contractor should get the material approved from Engineer-in-charge regarding the quality, make etc., before bulk purchase).	Each	30.00	20.00	50.00			
33	Providing and fixing / replacing bright finished or/and black enamelled MS helicaldoor spring / coil spring with necessary nuts / bolts / nails / screws etc.	Each	40.00	10.00	50.00			
34	Fixing Old glass panes in windows / ventilators by providing Putty / wooden beading wherever required. (Old Dismantled glass to be reused by cutting to required sizes).	Sq.m.	1.00	1.00	2.00			
35	Removing grill from window / ventilators including un screwing / cutting by Hexa blade.	Each	100.00	20.00	120.00			
36	Fixing of Grills in wooden chokhats with screws / or in concrete / brick masonry (labour charges only).	Each	120.00	10.00	130.00			
37	Providing & fixing brass fan light pivot.	No.	1.00	1.00	2.00			
38	Providing & fixing bamboo jaffery / fencing consisting of superior quality 25mm dia (av.) half cut bamboo placed vertically and fixed together with three no. horizontal running member of hollock wood in scantling of section 50X25mm fixed with nails and GI wire to existing surface complete as per direction of Engineer-in-charge.	Sq.m.	1.00	1.00	2.00			
39	Renewal of old putty of glass panes (length)	RM	5.00	5.00	10.00			

Sr. No.	Description of work	Unit	Quantity			Quoted Rate		Amount (In Rs.)
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40	P&F of cupboard shutter (single or double leaf) with frame of 2nd class deodar wood of main member 50X32mm and 4 nos. intermediate member of 40X32mm size and providing & fixing of 4mm thick commercial ply on the outer side of the frame including fixing of shutter with piano hinges. (Nothing extra shall be payable for piano hinges)	Sq.m.	20.00	5.00	25.00			
41	Applying priming coat with ready mixed pink or grey primer / red oxide on wooden/ steel surface of approved brand and manufacture on new work.	Sq.m.	1500.00	100.00	1600.00			
42	Painting with synthetic enamel paint of approved brand and manufacture in all shades to give an even shade. (two or more coats).	Sq.m.	1300.00	80.00	1380.00			
43	Fabrication MS door (Chowkhat + Shutter) with structure steel such as M.S. Aangle, M.S. Plates & M.S. Flats etc. including fitting i.e. handles, sliding door bolt and M.S. butt hinges. (structural steel to be supplied by NFL free of cost).	Kg.	500.00	0.00	500.00			
44	Providing 12mm thick commercial ply conforming to IS : 1328 BWR type.	Sq.m.	20.00	10.00	30.00			
45	Providing and fixing factory made prelaminate uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance ± 1 mm), with wall thickness 2.0 mm (± 0.2 mm), corners of the door frame to be Jointed with galvanized brackets and stainless steel screws, joints mitred and Plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 X 19 mm and 1 mm (± 0.1 mm) wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturer's specification and direction of Engineer-in-charge.							
	(i) Extruded section profile size 42 X 50 mm	Metre	145.00	25.00	170.00			
46	Providing and fixing to existing door frames - 24 mm thick factory made prelaminate PVC door shutters made of styles and rails of a uPVC hollow section of size 59 X 24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/plastic brackets of size 75 X 220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20 X 20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up 'H' Section, a uPVC hollow section of size 100 X 24 mm and 2 mm (± 0.2 mm) wall thickness fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter).	Sq.m.	55.00	15.00	70.00			
47	Providing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position.							
	i) Red Marandi Wood.	Cu.m.	0.50	0.30	0.80			
48	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows including black enamelled M.S. butt hinges with necessary screws including panelling with 12mm th. Marine ply with commercial veneering on both side. 35 mm thick Red Marandi Wood.	Sq.m.	7.00	5.00	12.00			

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49	Providing and fixing glazed shutters for doors, windows, and clerestory windows using 4mm thick glass panes including M.S. butt hinges with necessary screws: 30mm thick shutter: Red Marandi Wood.	Sq.m.	120.00	30.00	150.00			
50	Providing and fixing 30 mm thick wire gauge shutters using galvanised MS wire gauge of average width of aperture 1.4mm with wire of dia 0.63 mm for doors, windows and clerestory windows including bright finished or/and black enamelled M.S. butt hinges with necessary screws. Red Marandi Wood.	Sq.m.	80.00	5.00	85.00			
51	Supplying and fixing of MS door (Chowkhat + Shutter) fabrication with structure steel such as M.S. Aangle, M.S. Plates, sheet & M.S. Flats etc. including fitting i.e. handles, sliding door bolt and M.S. butt hinges.	Kg.	500.00	0.00	500.00			
52	Double Rebate Window NCL ECO 4000 Series - Providing & fixing Windows/ventilators fabricated from roll formed sections made of galvanized steel colour coated (Base steel as per IS 513 "D" quality, galvanized as per IS 277 with zinc of 120 gms/Sqr. Mtr.) with total coated thickness of 0.58mm. Coated with polyester paint of 12-16 Micron thickness. Sections for Window Frame should be of 72mm x 55mm, Section for Mullion should be of 72mm x 50mm, Section for Shutter Frame should be of 47mm x 20mm, Sections for Fixed Glass Bead should be of 12mm x 12mm, and Section for Fly Mesh should be of 40mm x 20mm. Accessories & Fixing Details: Section for Frame Glazed Shutters and Mesh Shutters should be cut to length and miter joined with Polypropylene Corner Brackets, Mullion Section should be joined with Frame/Mullion using Mullion Cap Ethyl Propylene Damien Monomer (EPDM) Gasket should be used all around glass in shutter and Fixed Glass. Each Glazed Shutter and Mesh shutter should be provided with SS Pivot Hinges – 1 set, Buildtek Handle & 1 no. friction Stay. Window Frame should be fixed to brick/ concrete masonry by using Nylon self expanding caps and driving MS electroplated 80mm longscrews into the caps through frame.	Sq.m.	25.00	0.00	25.00			
53	Providing & Fixing 5 mm. plain transparent glass for fixed / openable windows & Ventilators make of saint gobain.	Sq.m.	25.00	0.00	25.00			
54	Providing & Fixing Stainless Steel 32 gauge Fly mesh of 304 grades with 144 holes per square Inch in windows/ventilators.	Sq.m.	25.00	0.00	25.00			
55	Providing and fixing M.S. Grill made of 10mm sq. M.S. Bars welded to at 125mm center-to-center, 6mm x 12mm M.S. peripheral flat. Total grill unit shall be powder coated and fixed to window frame with concealed beading.	Sq.m.	20.00	0.00	20.00			
		Total of Part- A :						
56	Deductions Items against which the material supplied by the contractor shall be received in stores in case the same not fixed at site.							
	a) Deduct for not providing and fixing glass panes in glazed shutters (full area of shutters to be measured).	Sq.m.	3.00	2.00	5.00			
	b) Deduct for not providing tee hinges to battened doors / shutters.	Each	10.00	10.00	20.00			
	c) Deduct for not providing MS butt hinges to shutters.	Each	50.00	50.00	100.00			

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d)	Deduct for not fixing the door / window/ ventilator shutters in position.	Each	20.00	20.00	40.00			
e)	Deduct for not fixing door spring/ tower bolt/ handle/ s. bolt/ door stopper and link wise items.	Each	100.00	50.00	150.00			
f)	Deduct for not fixing hydraulic door closer, door mortise lack.	Each	40.00	20.00	60.00			
g)	Deduct for not fixing sunmica / plywood/ wood work board etc. at site.	Sq.m.	100.00	50.00	150.00			
h)	Deduct for not fixing Chowkhat in position.	Each	10.00	10.00	20.00			
i)	Deduct for not fixing M.S. wire gauge.	Sq.m.	75.00	75.00	150.00			
Note: All unusuable fittings reclaimed from the site shall have to deposited in the Civil Stores.								
		Total of Part- B :						
		Total Quoted Amount (A-B) :						

(Signatur of Contractor
with Rubber Stamp)

(Rajesh Kumar)
Sr. Manager (Civil)