

Scheduled of Quantities (SOQ) (NFN/CIVIL/640/2024)

Annexure - I-B

| Name of Work: "ARC for Misc. Wood Work Jobs at Township and Factory Area during the Year 2024-25." | | | | | | |
|--|---|---|-------|----------|---------|--------|
| Sr. No. | Description of work | | Unit | Quantity | | |
| | | | | T-Ship | Factory | Total |
| 1 | A) | Providing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in positon. Sal wood. | Cu.m. | 4.00 | 0.50 | 4.50 |
| | B) | Providing wood work in frames of false ceiling partitionsetc. sawn and put up in positon : Sal wood (inclduing 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 partcle 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. | 5.00 | 1.00 | 6.00 |
| 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. | 50.00 | 40.00 | 90.00 |
| 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 | 100.00 | 10.00 | 110.00 |
| 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 verical 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. | 25.00 | 10.00 | 35.00 |
| 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 | 50.00 | 30.00 | 80.00 |
| 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 |

| Sr. No. | Description of work | Unit | Quantity | | |
|---------|--|------|----------|---------|--------|
| | | | T-Ship | Factory | Total |
| 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 steeper 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. | | | | |
| | 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 exising 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 / distempering / cement painting complete with disposal of rubbish to the dumping ground with in 50 metres lead (Any where within NFL Complex). | | | | 0.00 |
| | 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 |

| Sr. No. | Description of work | Unit | Quantity | | |
|---------|--|-------|----------|---------|---------|
| | | | T-Ship | Factory | Total |
| 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 nail wherever necessary Glass panes weighing 10 kg/m ² . (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 |
| 25 | Taking out doors, windows and clerestory window shutters (steel or wood) including stacking any where in NFL Complex of area 3M ² and below (double leaf shutter shall be treated as one unit only). | Each | 310.00 | 50.00 | 360.00 |
| 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 | 75.00 | 5.00 | 80.00 |
| 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 penalled/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 galvanized 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 |

| Sr. No. | Description of work | Unit | Quantity | | |
|---------|--|-------|----------|---------|---------|
| | | | T-Ship | Factory | Total |
| 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 Dismantalled 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 | 50.00 | 5.00 | 55.00 |
| 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. | 30.00 | 5.00 | 35.00 |
| 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 PVC Door Frame of size 50x47 mm with a wall thickness of 5 mm (\pm 0.2 mm), made out of single piece extruded PVC profile, with mitred cut joints and joint with 2 nos of PVC bracket of size 190 mm x 100 mm long arms of cross section size 35 x 15 mm & self driven self tapping screws, the vertical door profiles to be reinforced with 40x20 mm M.S. rectangular tube of 0.8 mm , including providing EPDM rubber gasket weather seal throughout the frame, including jointing 5mm PVC frame strip with PVC solvent cement on the back of the profile. The door frame to be fixed to the wall using 8 x100 mm long anchor fasteners complete, all as per manufacturer's specification and direction of Engineer -in- charge. | Metre | 125.00 | 25.00 | 150.00 |

| Sr. No. | Description of work | Unit | Quantity | | |
|---------|---|-------|----------|---------|--------|
| | | | T-Ship | Factory | Total |
| 46 | Providing and fixing to existing door frames - 35 mm thick factory made Solid panel PVC Door shutter, made out of single piece extruded solid PVC profiles, 5 mm (± 0.2 mm) thick, having styles & rails (except lock rail) of size 95 mm x 35 mm x 5 mm, out of which 75 mm shall be flat and 20 mm shall be tapered (on both side), having one side thickness of 15 mm integrally extruded on the hinge side of the profile for better screw holding power, including reinforcing with MS tube of size 40 mm X 20 mm x 1 mm, joints of styles & rails to be mitered cut & joint with the help of PVC solvent cement, self driven self tapping screws & M.S. rectangular pipes bracket of size 190 mm X 100 mm of cross section size 35 mm x 17 mm x 1 mm at each corner. Single piece extruded 5 mm thick solid PVC Lock rail of size 115 mm x 35 mm, out of which 75 mm to be flat and 20 mm to be tapered at both ends, having 15 mm solid core in middle of rail section integrally extruded, fixing the styles & rails with the help of solvent and self driven self tapping screws of 125 mm x 11 mm, including providing 5 mm Single piece solid PVC extruded sheet inserted in the door as panel, all complete as per manufacturer's specification and direction of Engineer in-charge. Decorative finish (wood grained finish) (For W.C. and bathroom door shutter). | Sq.m. | 45.00 | 15.00 | 60.00 |
| 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. | 0.60 | 0.20 | 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. | 30.00 | 5.00 | 35.00 |
| 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. | 210.00 | 30.00 | 240.00 |
| 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. | 100.00 | 5.00 | 105.00 |
| 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 |

| Sr. No. | Description of work | Unit | Quantity | | |
|---------|---|-------|----------|---------|--------|
| | | | T-Ship | Factory | Total |
| 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 |
| 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 |
| | 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 unusable fittings reclaimed from the site shall have to deposited in the Civil Stores. | | | | |

(Signatur of Contractor
with Rubber Stamp)

(Rajesh Kumar)
Chief Manager (Civil)