

**OFFICE OF THE DEAN PLANNING AND DEVELOPMENT  
NATIONAL INSTITUTE OF TECHNOLOGY: TIRUCHIRAPPALLI - 620 015**

14.06.2013

**MINUTES OF THE PRE-BID CONFERENCE**

**Tender Notification No.: NITT/ P&D/AD1/FUR/2013/2 dt: 20.05.2013**

With reference to the above tender notification and the pre-bid conference held on 13.06.2013 at 3.00 PM in the senate hall, the following amendments are made.

Further, it is amended that the bidders need to supply sample furniture item only for item no (i), (v), (vi) and (vii). The specification of the remaining items will be verified by the committee at bidders' site, if necessary.

The Last Date of submission of Tender was extended to **01.07.2013 up to 3.00 p.m** and the technical bid will be opened on the same day at 3.30 pm.

The delivery period was also extended to 10 weeks from the date of release of purchase order.

All other terms and conditions mentioned in the tender document remains same.

**Specification for Furniture Items**

<b>Original tender specification</b>	<b>Amended specification</b>
<p><b>(i) Double desk: 2040 Numbers</b></p> <ul style="list-style-type: none"> <li>• Overall Dimension W x D x H (minimum): 1200 x 900 x 720 mm</li> <li>• Seat Height (minimum) : 420 mm</li> <li>• Desk size W x D (minimum) : 1200 x 400 mm</li> <li>• Bench size W x D (minimum) : 1200 x 330 mm</li> <li>• Back rest size W x D (minimum) : 1200 x 180 mm</li> </ul>	<p><b>(i) Double desk: 2040 Numbers</b></p> <ul style="list-style-type: none"> <li>• Overall Dimension W x D x H (minimum): 1200 x 900 x <b>750 mm</b></li> <li>• Seat Height (minimum) : <b>450 mm</b></li> <li>• Desk size W x D (minimum) : 1200 x 400 mm</li> <li>• Bench size W x D (minimum) : 1200 x 330 mm</li> <li>• Back rest size W x D (minimum) : 1200 x 180 mm</li> </ul>

<ul style="list-style-type: none"> <li>• Desk/ Bench/ Back rest: Should be made of 25 mm thick pre-laminated particle board with 2mm edge banded finishing.</li> <li>• Book shelf: 18 mm thick pre-laminated particle board (PLB) with 2mm edge banded finishing.</li> <li>• The desk surface should be inclined to 10° (maximum) for better writing posture.</li> <li>• All edges should be smoothed and rounded for smoother aesthetic looks.</li> <li>• Frame: Sturdy powder coated (dark brown colour) 18SWG 1'' x 1'' square CRCA pipe frame.</li> <li>• A powder coated (dark brown colour) steel foot rest of size W x D (1200 mm x 100 mm) of suitable thickness and inclination should be included in the frame as shown in the diagram.</li> <li>• Color: Chestnut</li> </ul>	<ul style="list-style-type: none"> <li>• Desk/ Bench/ Back rest: Should be made of 25 mm thick particle board with 2mm edge banded finishing <b>and post forming as shown in the figure.</b></li> <li>• Book shelf: <b>To be mounted on 18SWG 1'' x 1'' square CRCA pipe frame. Vertical clearance inside the book shelf should be 150 mm (minimum).</b> 18 mm thick pre-laminated particle board (PLB) with 2mm edge banded finishing with <b>50 mm height stopper. The shelf should be fitted using two sets of 4 mm bolts and nuts on either side.</b></li> <li>• The desk surface should be inclined to 10° (maximum) for better writing posture.</li> <li>• All edges should be smoothed and rounded for smoother aesthetic looks. <b>(post-forming)</b></li> <li>• Frame: Sturdy powder coated (<b>black</b> colour) 18SWG 1'' x 1'' square CRCA pipe frame.</li> <li>• A powder coated (<b>black</b> colour) steel foot rest of size W x D (<b>1125 mm x 150 mm</b>) of 18SWG thickness <b>mounted on 18SWG 1'' x 1'' square CRCA pipe</b> and inclination (10°) should be included in the frame as shown in the diagram.</li> <li>• Color: <b>Cherry</b></li> </ul>
<p><b>(ii) Table Type I: 39 Numbers</b></p> <ul style="list-style-type: none"> <li>• Dimension: W x D x H (minimum) : 1000 x 600 x 750 mm</li> <li>• Wooden top workspace made from 25 mm PLB top sealed four sides with 2 mm thick PVC leaping and post forming edges, making them highly resistant from heat and moisture.</li> <li>• The wooden top workspace should be supported by standard sturdy powder coated 16 SWG 1'' x 1'' square CRCA pipe frame.</li> <li>• Colour: Chestnut</li> </ul>	<p><b>(ii) Table Type I: 39 Numbers</b></p> <ul style="list-style-type: none"> <li>• Dimension: W x D x H (minimum) : <b>1200</b> x 600 x 750 mm</li> <li>• Wooden top workspace made from 25 mm <b>particle board</b> with <b>post forming edges on two sides and 2 mm thick PVC leaping on other two edges</b> making them highly resistant from heat and moisture.</li> <li>• The wooden top workspace should be supported by <b>black</b> powder coated 16 SWG 1'' x 1'' square CRCA pipe frame.</li> <li>• Colour: <b>Cherry</b></li> </ul>

<p><b>(iii) Table Type II: (with storage 3 Nos. and w/o storage 21 Nos.)</b></p> <ul style="list-style-type: none"> <li>• Dimension: W x D x H (minimum) : 1600 x 900 x 730 mm</li> <li>• Should be made of high quality processed wood and have an integrated drawer (3 No.) unit.</li> <li>• Drawers should be of box type and moves on ball bearing channels.</li> <li>• Front closed &amp; central locking facility for all drawers.</li> <li>• PLB work surface and all edges should be smoothed and sealed with 2mm thick bleeding.</li> <li>• Colour: Chestnut</li> </ul>	<p><b>(iii) Table Type II: (with storage 3 Nos. and w/o storage 21 Nos.)</b></p> <ul style="list-style-type: none"> <li>• Dimension: W x D x H (minimum) : 1600 x 900 x 750 mm</li> <li>• Table top should be made of 25 mm particle board with post forming edges on two sides and 2 mm thick PVC leaping on other two edges making them highly resistant from heat and moisture.</li> <li>• Should have integrated, centrally lockable steel drawers (3 Nos.) with uniform height of 150 mm and depth of 410 mm.</li> <li>• Drawers should be of box type and suitable foot rest should be provided.</li> <li>• Colour: Cherry (Table top), Olive green (tables with storage), black powder coating ( tables without storage)</li> </ul>
<p><b>(iv) Table Type III: 3 Numbers</b></p> <ul style="list-style-type: none"> <li>• Dimension: W x D x H (minimum) : 900 x 600 x 400 mm</li> <li>• Wooden top workspace made from 25mm PLB top sealed four sides with 2mm thick PVC leaping and post forming edges, making them highly resistant from heat and moisture.</li> <li>• High quality processed wooden legs of 1.5'' x 1.5'' with suitable support as shown in the corresponding reference diagram.</li> <li>• Colour: Chestnut</li> </ul>	<p><b>(iv) Table Type III: 3 Numbers</b></p> <ul style="list-style-type: none"> <li>• Dimension: W x D x H (minimum) : 900 x 450 x 400 mm</li> <li>• Rubber wood top workspace and legs with suitable support as shown in the corresponding reference diagram.</li> <li>• Colour: Mahogany</li> </ul>
<p><b>(v) Chair Type I: 24 Numbers</b></p> <ul style="list-style-type: none"> <li>• Dimension: W x D x H (minimum) : 700 x 700 x 1000mm</li> </ul>	<p><b>(v) Chair Type I: 24 Numbers</b></p> <ul style="list-style-type: none"> <li>• No change was made in the specifications. But the head rest</li> </ul>

<ul style="list-style-type: none"> <li>• Seat Height (minimum) : 500mm</li> <li>• With black leatherette back and seat moulded polyurethane foam cushion, Back should have adjustable lumbar support for comfortable seating posture.</li> <li>• Lockable tilting mechanism, polyurethane armrest, nylon twin wheel castors and pneumatic height adjustment</li> <li>• The tilting mechanism should have the following: 360 Degrees revolving type, single point control, Front pivot for tilt with feet resting on ground ensuring more comfort, tilt tension adjustment, 3-position locking with anti-shock feature.</li> <li>• Colour: Black</li> </ul>	<p>was removed in the reference diagram.</p>
<p><b>(vi) Chair Type II : 102 Numbers</b></p> <ul style="list-style-type: none"> <li>• Dimension W x D x H (minimum): 450 x 540 x 800 mm</li> <li>• Seat Height (minimum) : 450 mm</li> <li>• Seat size W x D (minimum) : 400 x 400 mm</li> <li>• Back size W x D (minimum) : 350 x 350 mm</li> <li>• Arm rest size L x W(minimum) : 200 x 60 mm</li> <li>• Seat / Back assembly: Should be made of 10 mm thick hot pressed plywood with suitable injection moulded polymer which is upholstered with fabric and moulded polyurethane foam. A contoured lumbar support should be provided with back foam for extra comfort.</li> <li>• Arm rest assembly: The polyurethane with 50-70 shore ‘A’ hardness armrest should be fixed to black powder coated height adjustable armrest brackets made of 5mm thick HR steel.</li> <li>• Seat / Back covers: suitable injection moulded polymer.</li> <li>• Foam: Polypropylene with density not less than 40 kg/m<sup>3</sup>.</li> </ul>	<p><b>(vi) Chair Type II : 102 Numbers</b></p> <ul style="list-style-type: none"> <li>• Dimension W x D x H (minimum): 540 x 650 x 850 mm</li> <li>• Seat Height (minimum) : 450 mm</li> <li>• Seat size W x D (minimum) : 460 x 460 mm</li> <li>• Back size W x D (minimum) : 460 x 380 mm</li> <li>• Arm rest size L x W(minimum) : 200 x 60 mm</li> <li>• Seat / Back assembly: Should be made of 10 mm thick hot pressed plywood with suitable injection moulded polymer which is upholstered with fabric and moulded polyurethane foam.</li> <li>• Arm rest assembly: The polyurethane with 50-70 shore ‘A’ hardness armrest should be fixed to black powder coated made of 5mm thick HR steel.</li> <li>• Seat / Back covers: suitable injection moulded polymer.</li> <li>• Foam: Polypropylene with density not less than 40 kg/m<sup>3</sup>.</li> </ul>

<ul style="list-style-type: none"> <li>• Frame: Black powder coated mild steel tube of diameter not less than 25mm and 14BG thickness.</li> <li>• Type: Non-revolving.</li> <li>• Colour of seat/back cover: Blue</li> </ul>	<ul style="list-style-type: none"> <li>• Frame: Black powder coated mild steel tube of diameter not less than 25mm and 14BG thickness.</li> <li>• Type: Non-revolving.</li> <li>• Colour of seat/back cover: <b>light Blue</b></li> </ul>
<p><b>(vii) Chair Type III: 240 Numbers</b></p> <ul style="list-style-type: none"> <li>• Dimension W x D x H (minimum): 450 x 540 x 800 mm</li> <li>• Seat Height (minimum) : 450 mm</li> <li>• Seat size W x D (minimum) : 400 x 400 mm</li> <li>• Writing pad size W x D (minimum) : 600 x 300 mm</li> <li>• Frame: Should be made of 1” round 18 SWG steel CR pipe.</li> <li>• Book shelf: powder coated weld mesh book shelf should be fixed under the seat.</li> <li>• Seat / back assembly: Should be made of 10 mm thick hot pressed plywood with suitable injection moulded polymer which is upholstered with fabric and moulded polyurethane foam.</li> <li>• Writing pad: should be movable 18mm laminated plywood with all edges paint finished and with necessary durable plastic bushes.</li> <li>• Type: Non-revolving.</li> <li>• Colour of seat/back cover: Blue</li> </ul>	<p><b>(vii) Chair Type III: 240 Numbers</b></p> <ul style="list-style-type: none"> <li>• Dimension W x D x H (minimum): <b>540 x 650 x 850 mm</b></li> <li>• Seat Height (minimum) : 450 mm</li> <li>• Seat size W x D (minimum) : <b>460 x 460 mm</b></li> <li>• <b>Back size W x D (minimum) : 460 x 380 mm</b></li> <li>• Writing pad size W x D (minimum) : 600 x 300 mm</li> <li>• Frame: Should be made of 1” round 18 SWG steel CR pipe.</li> <li>• Book shelf: powder coated weld mesh book shelf should be fixed under the seat.</li> <li>• Seat / back assembly: Should be made of 10 mm thick hot pressed plywood with suitable injection moulded polymer which is upholstered with fabric and moulded polyurethane foam.</li> <li>• Writing pad: should be movable 18mm laminated plywood with <b>2 mm edge band finish</b> with necessary durable plastic bushes.</li> <li>• Type: Non-revolving.</li> <li>• Colour of seat/back cover: <b>Light Blue</b></li> </ul>
<p><b>(vii) Chairs Type IV: 6 Numbers</b></p> <ul style="list-style-type: none"> <li>• Dimension W x D x H (minimum): 1500 x 540 x 750 mm</li> <li>• Seat Height (minimum) : 450 mm</li> <li>• Seat/ back assembly: should be made of 18G perforated</li> </ul>	<p><b>(viii) Chairs Type IV: 6 Numbers</b></p> <ul style="list-style-type: none"> <li>• Dimension W x D x H (minimum): 1500 x 540 x 750 mm</li> <li>• Seat Height (minimum) : <b>410 mm</b></li> <li>• Seat/ back assembly: should be made of 18G perforated <b>SS</b></li> </ul>

sheet with powder coated.

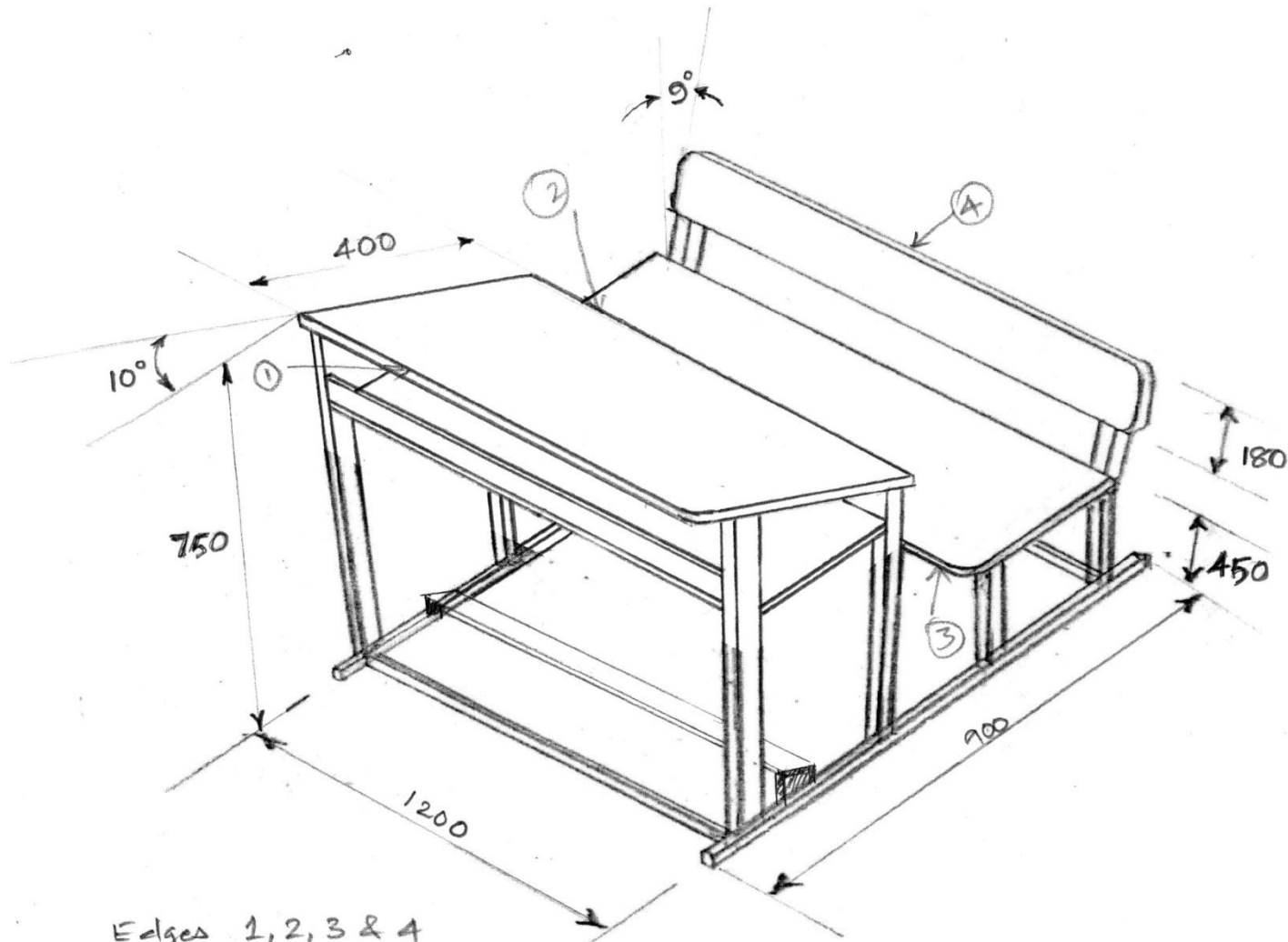
- Base leg frame set : should be made of 1½” round 14G CR pipe.
- Chair frame: should be made of ¾” round 18G CR pipe.
- All the end side of the frame will be used suitable inner and outer bushes.

sheet.

- Base leg frame set: should be made of 1½” round 14G **SS** pipe.
- Chair frame: should be made of ¾” round 18G **SS** pipe.
- All the end side of the frame will be used suitable inner and outer bushes.

The indicative diagrams of all furniture items are included below.

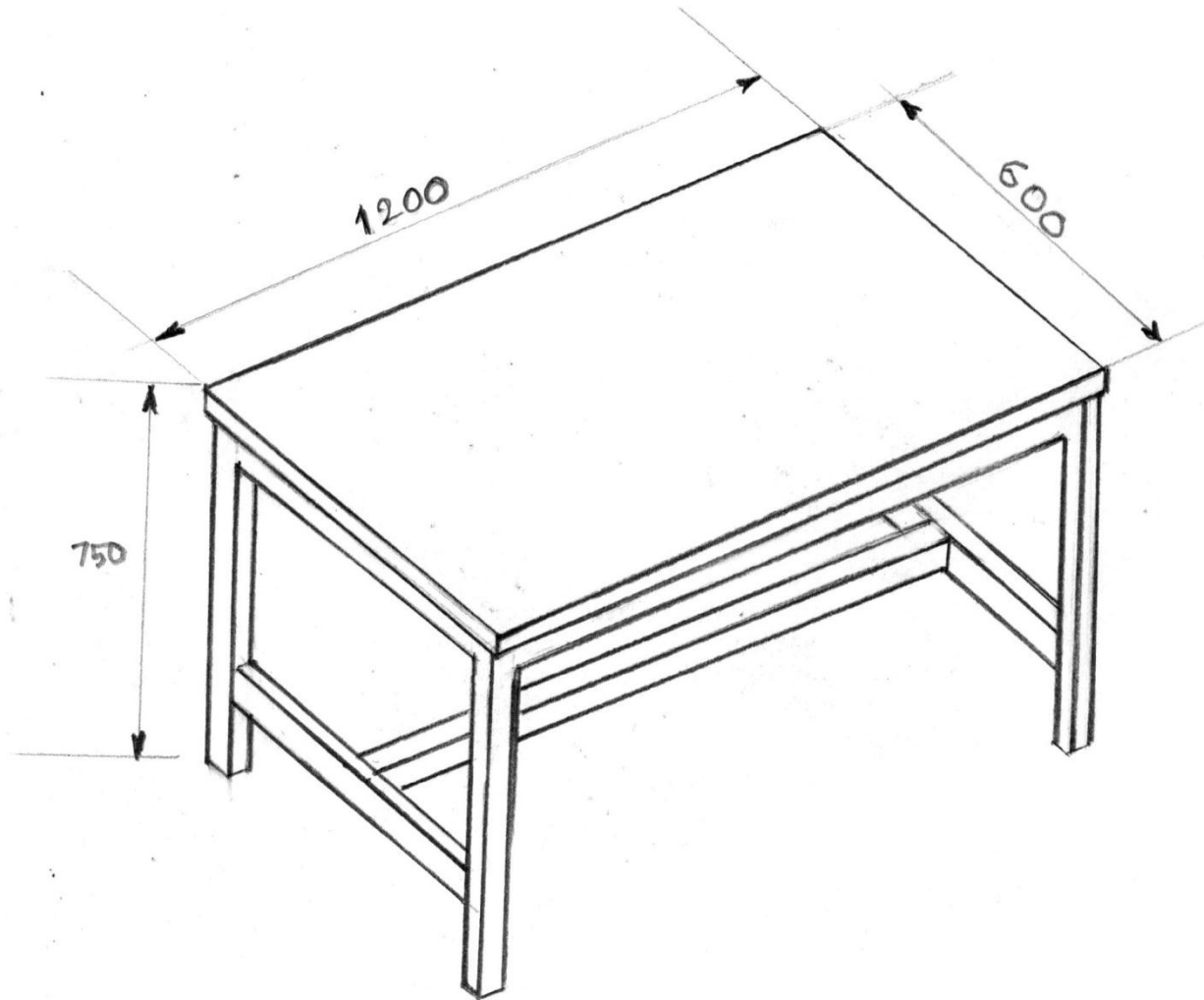
**(i) Double desk: 2040 Numbers**



Edges 1, 2, 3 & 4  
should be post formed

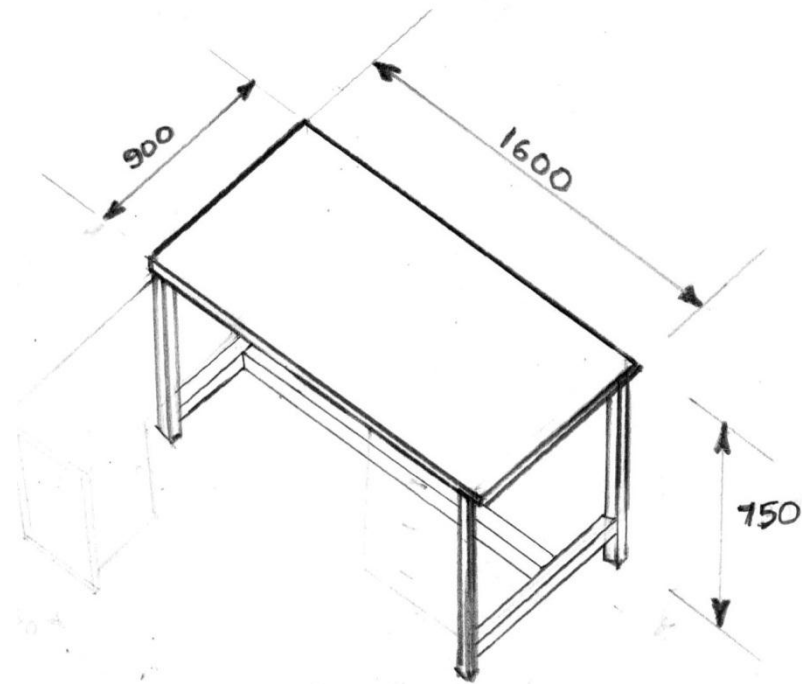
All dimensions are in mm

(ii) Table Type I: 39 Numbers



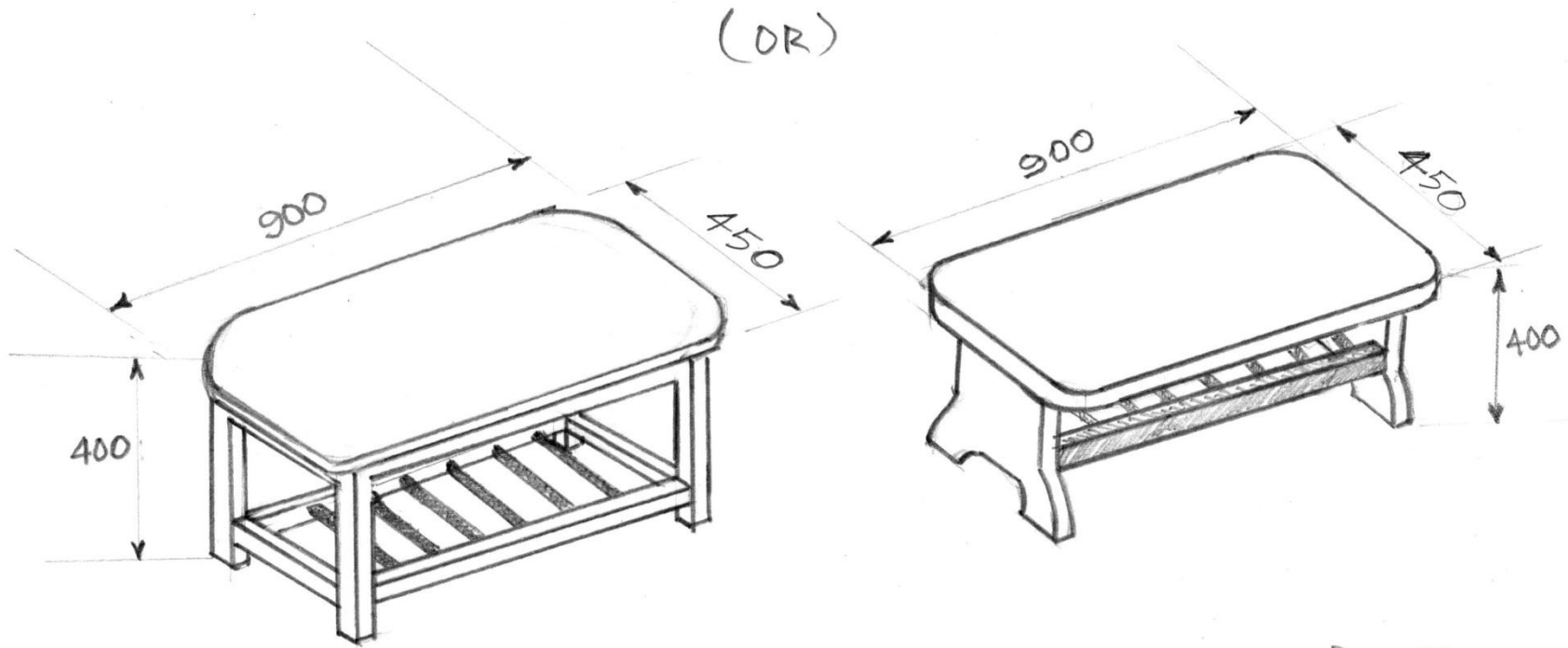


(iii) Table Type II: (with storage 3 Nos. and w/o storage 21 Nos.)



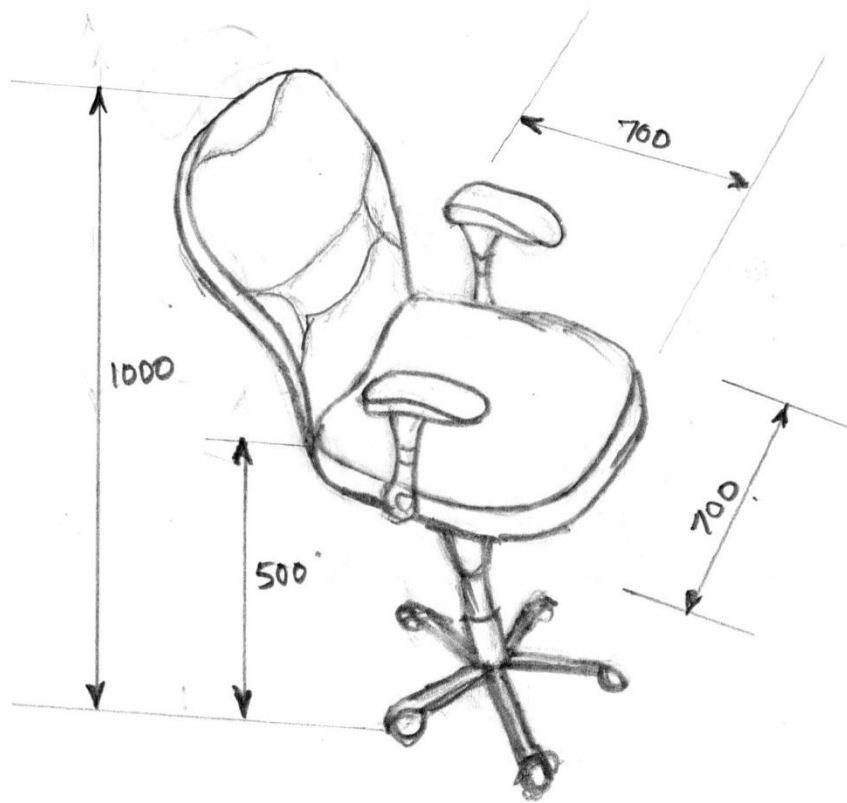
All dimensions are in mm

(iv) Table Type III: 3 Numbers



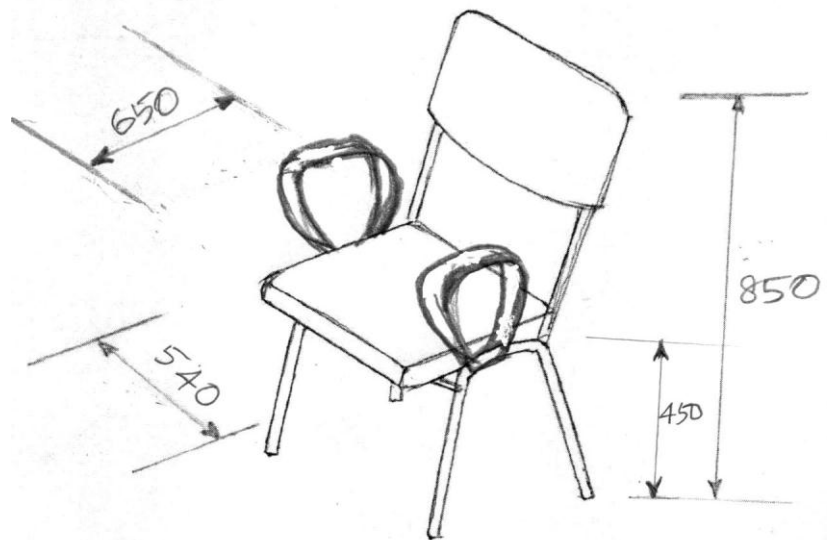
All dimensions are in mm

(v) Chairs Type I: 24 Numbers



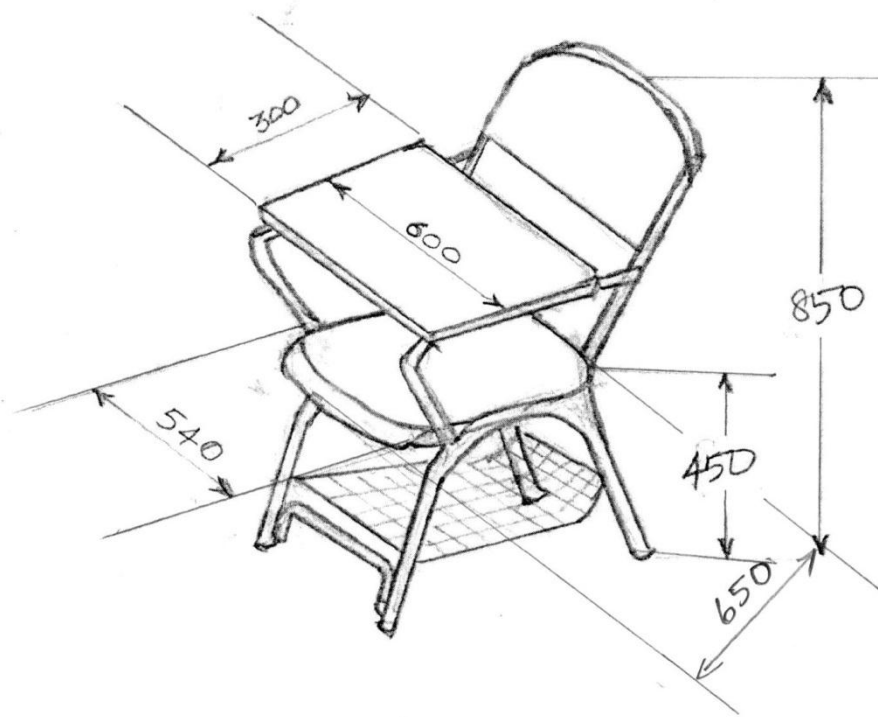
All dimensions are in mm

(vi) Chairs Type II: 102 Numbers

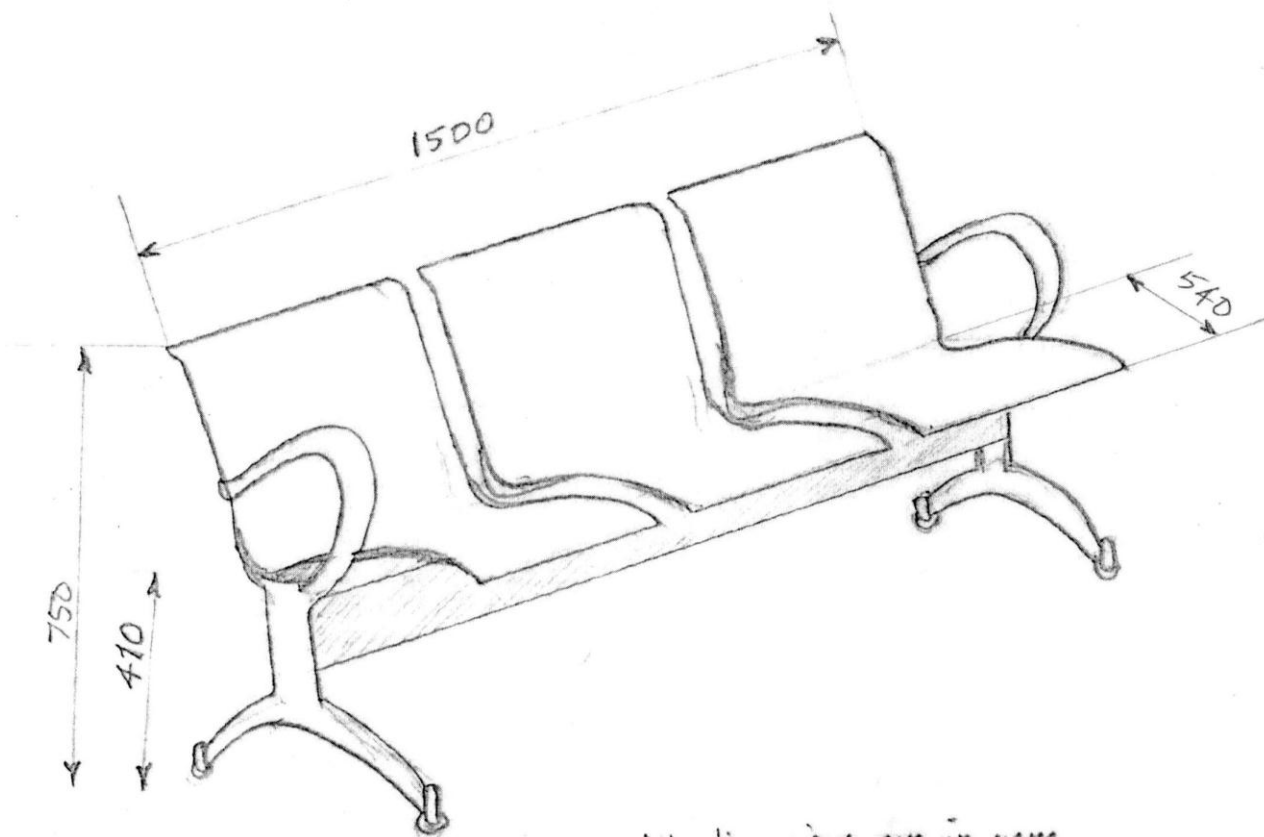


All dimensions are in mm

(vii) Chairs Type III: 240 Numbers



(viii) Chairs Type IV: 6 Numbers



All dimensions are in mm

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