

Technical committee evaluation of Furniture Items – Sample Verification

Indent No : NC-00345-Math-18-19
 User School : School of Mathematical Sciences

The constituted sample verification committee had inspected the sample furniture received from 03 parties on 12.06.2019 at SAC NISER. The recommendation of the committee for the indented items i.e. Chair High Back and Class Room Desk are as below.

1. Technical recommendation for the item Chair High Back					
Specification asked as per E-Tender	<p>Chair High Back High back chairs PU arms, chrome base, gas lift. fabric tapestry, with synchro knee tilt Mechanism. Chair should be ergonomically designed for proper lumbar support, Metallic PP arms, grade-III gas lift. High quality Leatherite tapestry. The seat and back should be made up of 1.2 cm thick hot pressed moulded plywood & upholstered with leather/ fabric and with high density 45 moulded polyurethane foam, The polyurethane foam is moulded with density =45+/-2kg./m3 and hardness = 20+/-2 on Hamded machine at 25% Compress. The back form is Ergonomically designed with contoured lumbar support for extra comfort. The seat and back are arrested together for motion on central pivot. The chair has Syncro Knee tilt Mechanism with multi position locking mechanism. The Chair has Metal with powder coating with superior Nylon twin wheel castors having self-lubricating properties for friction free movement. Seat depth 19" X 20" width, back height 26" X height 24</p>				
Name of the Party	M/s. Sarama Steel Furniture	M/s. Methodex Systems Pvt.Ltd.	M/s. Wood Art	M/s. Endurefun Outdoors Pvt.Ltd.	M/s. Creative Engineers
Recommendation of the Technical Committee	Sample materials received at NISER Stitching & Pasting of leather/fabric is not done properly. Inside foam is also seen. Hence Technical Committee has rejected the material.	Sample materials not received at NISER	Sample materials received at NISER and the Sample was approved by the Technical Committee.	Sample materials received at NISER As per Tender T&C the chair has not powder coating in its all metal part. Hence Technical Committee has rejected the material.	Sample materials not received at NISER
	Rejected	-----	Accepted	Rejected	-----
2. Technical recommendation for the item Desk for Class Room					
Specification asked as per E-Tender	<p>Desk for Class Room The chair dimensions are: Total height of back rest from floor is 990mm, seat is fixed at height of 445mm. Seat panel width 445mm and depth 395mm & back panel width & height are 445mm & 380mm respectively. Class room chairs consists of metallic frame of high quality, legs made of 2mm thick MS hollow rectangular pipe of size 50x30mm. The legs frames are detachable fixed with main frame with nut & bolts. Provisions are given for fixing them on the floor with solid plate welded on leg frame. The main frames made with CRCA pipes are having slight curves as per the class room curves layouts. Elliptical Pipe of size 38x15mm x1.6mm thick bend to the shape for fixing the back is welded on the top of the frame at the required angles. Round pipes of 32mmx1.2mm thick are welded on the top of the frame for fixing of the seats. The chair seat and back made of 12 mm & 20mm respectively thick moulded compressed ply of green ply, kit ply, century or equivalent brand having suitable curves for giving sitting comfort. The seat & back tightened with the main frame the help round head bolts and nylock nuts. No woods screws are used anywhere for fixing seat, back & flap. The seat should have water fall curve. The front of the main bearer should be 10mm higher from the front side to provide some slope for the seat at the rear.</p> <p>A folding writing tablet of 20mm thick ply and size should be full per suitable shape for easy writing is provided on the right side of the chair well supported with 25mm dia. pipes frame for strength and rigidity and should rest on left side of the chair. The folding writing tablet is provided at the height 250mm from seat bolted to insert nut fixed in the tablet with 2mm thick j type plate which is curved inside the tablet to provide same level at the top of the tablet plate is welded on the round free pipe for giving easy and effortless folding operation. The first left passageway seat of each row of one middle column should have provision for folding writing tablet in both (left & right) sides, with drop down facility for left side tablet. THE FOLDING WRITING TABLET SHOULD HAVE STRENGTH TO WITH HOLD WEIGHT NOT LESS THAN 250KG. The seat back and tablets are made with hot compressed water resistant ply of green ply, kit ply, century or equivalent brand and on the top glued with high quality veneers which is PU coated for scratch resistance and long life.</p>				

	<p>A 6mm thick high quality round wire welded basket is welded at the gap of 250mm under the seat for keeping the student bags. The gap between two wires should be 4cm.</p> <p>Steel welding wherever required should be done by MIG welding process to minimize distortion and for the deep penetration of the weld.</p> <p>All the steel components are pre-treated for de-greasing, de-rusting and phosphate. After proper treatment all the steel components are coated with epoxy powder coating finish and oven baked to ensure glossier scratch resisting and shining surface coating film thickness 40-45 microns.</p>				
Name of the Party	M/s. Sarama Steel Furniture	M/s. Methodex Systems Pvt.Ltd.	M/s. Wood Art	M/s. Endurefun Outdoors Pvt.Ltd.	M/s. Creative Engineers
Recommendation of the Technical Committee	Sample materials received at NISER	Sample materials not received at NISER.	Sample materials received at NISER.	Sample materials received at NISER	Sample materials not received at NISER
	<p>The wire welded basket is not there under the seat.</p> <p>Hence, the technical committee has rejected as material specification is not as per Tender T&C.</p>		Approved by the technical Committee	<p>The wire welded basket is welded not at the gap of 250mm under the seat.</p> <p>The folding writing table is not properly fixed to the chair.</p> <p>Hence, the technical committee has rejected as material specification is not as per Tender T&C.</p>	
	Rejected	-----	Accepted	Rejected	-----

The above committee approved the sample furniture submitted by M/s Wood Art and recommended for further necessary action at Stores and Purchase section end.


Technical Committee members from user school (SMS)


Dr. D. K. Dalai
20/06/19

Chairman


Dr. N.K. Jana
20/06/2019

Member


Dr. B.K. Sahoo
20/6/2019

Member

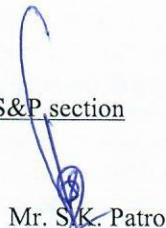

Mr C.S. Mahapatra
20.06.19

Convener


CP (SMS)

Nominee from F&A and S&P section


Mr. G.K. Rath
20/6/19


Mr. S.K. Patro


FIC (S&P)
27/06/19

Stores and Purchase section: