Indian Institute of Technology Kanpur
Department of Humanities and Social Sciences

Enquiry No.:HSS/LAB/FUR/01/2013

Opening Date: 30-Aug-2013
Closing Date: 5-Sep-2013

Sub.: Sealed quotations are invited for the supply of furniture as per the following specifications.

S.N.	ITEM/ PRODUCT DESCRIPTION	REQUIREMENT	UNIT
1	The wooden bag rack size with leveler should be 582mm (width) x 400mm(depth) x 1808mm(height) construction should be in rigid knockdown condition, all panels should be made of 18mm thick prelaminated particle board & comprises of 12 shelves placing in 270mm distance can be stacked width wise to form a banks of rack having common side panel.	Pigeon holes	14
2	The Premium Mid back Chair dimension shall range from 95.5cm-103.5 (Height) x 75 cm (Depth) x 75 cm (Width) and seat height shall range from 42.5-50.5 cm. The Seat and Back shall be made up of 1.2 cm thick hot-pressed plywood, upholstered with pure leather (Black) at body contact areas and polyurethane foam. The polyurethane foam for the seat shall be of density = 32 +2 kg/cu.m and for the back of density = 24 +2kg/cu.m. The armrest structure shall be made up of soft touch uphoslted with pure leather mounted on to an injection moulded hieght adjustable armrest. The mechanism shall be designed with the following features: -360 degree revolving type. -Single point control. -Tilt tension adjustment. -5-position locking with anti-shock feature with knee tilt synchro mechanism. The Spine bracket shall be made of M.S. plate connecting the back with mechanism. The pneumatic height adjustment has an adjustment stroke of 8.5+-0.5cm.Pedestal shall be made up of High Pressure Die-cast Aluminium fitted with 5 nos. twin wheel nylon castors (castor wheel diameter 5.0 cm). The pedestal shall be of 65.0cm Pitch Center Diameter and with castors the outer dimension shall be of 75.0 cm. The Unspecified tolerance shall be of +1.0 cm.	Premium Mid Back Chair	1
3	The Complete table shall be made up of Medium density Fibre board with veneer finish & PU coating thickness of table top should be 65mm and ERU made of 25mm . The size of the table shall be of Main Desk (mm): 1800Wx 900D x 750H Return Desk: 1200Wx 445Dx 660H size of the modesty should be 1640 x 600 x 16 Desk Pedestal: 510Wx 445D x 635H.	Premium Table	1

4	The student visitor chair shall be in dimensions of 61.7cm(W) x 56.6cm(D) x 94.8cm(H). The seat size shall be 45cm(W)x50.5cm(H) and the seat height shall be 48.1cm. The seat shall be made of moulded polyurethane foam and 1.2 +/- 1.2 cm thick Recycles composite board and upholstered with replaceable fabric cover. The back shall be made of MS tubular frame insitu moulded with Polyurethane foam and upholstered with fabric cover. The HR Polyurethane foam is moulded with density = 45 +/- 2 Kg/cu.m and hardness load for back foam is 12 Kgf +/-2 and hardness load for seat foam is 16 Kgf +/-2 as per IS 7888 (for25% compression). The armrest shall be fixed with a two piece construction and shall be mounted on to the tubular frame structure. It shall be injection moulded in talc filled PP. The tubular frame structure shall be powder coated (DFT 40-60 microns) and shall be made of 48+ 0.03cm x 1.85+-0.02cm x 0.25+-0.02cm thick M.S. ERW oblong tube.The chair should be greenguard certified.	Visitor chair for student	11
5	The Computer table top shall be made up PLT board thickness of 18mm with 2 mm edge banding table top should be 18mm thick should have two storage cabinet made of 18mm thick PLT board with necessary lock . The size of the table shall be of (mm): 1200Wx 600D x 743H .	Executive computer table	1
6	The storage bookcase should be made of Melamine Faced chipboard & the top & bottom panel 25mm thick & other panel should be of 18mm thick panel, glass doors 5mm.The size of the unit should be (790mm x400mm x 2200mm)	Bookcase storage unit	2
7	The filling cabinet have the size of 470mm x620mmx1320mm in rigid knockdown construction made of CRCA .5mm thick (back bottom , Drawer bottom) should have centralized lockning with 10 lever cam lock & have anti tipping arrangement to ensure that if one drawer is opened for use than no other drawer can be opened, UDL for drawer should be 40kg for 75000 cycles & finish of epoxy polyster powder coated to the thickness of 50 micron (+/- 10) & should have SATARA certification.	Filling cabinet	1
8	Marquis main desk shall be available in dimensions of 2000mm Width X 900mm Depth X 750mm Height. The main top shall be made of 18mm x 3 layers (i.e. 54mm) MFC (Melamine faced chipboard) with maple coloured melamine finish. The three distinct layers shall be highlighted by the twin coloured 2mm PVC lipping (maple-grey-maple). The top shall be rested on 4 circular metallic connectors, two on either side, which in turn rest on two pedestals on either side. Also, 2 metallic peninsular legs with adjustable PVC bush shall be fixed to the bottom of the main top for aesthetic look. Main desk shall come with 4 mm black colour	Executive table	1

	synthetic leather Desk Pad. Modesty panel shall be curved in shape and it shall be made up of MS sheet with grey coloured powder coating finish which shall be fixed to the pedestals. Main Desk Pedestals shall comprise of One 3 drawer unit and one HDU. It shall be made up of 18mm thick MFC with maple melamine finish with PVC lipping. The front and back of both pedestals shall be in maple colour while the side panels shall be in grey matching to the modesty. There shall be no provision for locking in the 3 drawer unit & HDU. Metal telescopic slides shall be used for smooth functioning of drawers. The Drawer base shall be made up of 8mm MFC with melamine finish. Two Nickel-Chromium Plated metal pipes (dia-89mm and height 120 mm) shall connect the pedestal to the main desk top. The HDU shall have a shelf.		
9	The Premium High back Chair dimension shall range from 113.5cm-121.5 (Height) x 75 cm (Depth) x 75 cm (Width) and seat height shall range from 42.5-50.5 cm. The Seat and Back shall be made up of 1.2 cm thick hot-pressed plywood, upholstered with pure leather (Black) at body contact areas and polyurethane foam. The polyurethane foam for the seat shall be of density = 32 +2 kg/cu.m and for the back of density = 24 +2kg/cu.m. The armrest structure shall be made up of soft touch uphoslted with pure leather mounted on to an injection moulded hieght adjustable armrest. The mechanism shall be designed with the following features: -360 degree revolving type. -Single point control. -Tilt tension adjustment. -5-position locking with anti-shock feature with knee tilt synchro mechanism. The Spine bracket shall be made of M.S. plate connecting the back with mechanism. The pneumatic height adjustment has an adjustment stroke of 8.5+-0.5cm.Pedestal shall be made up of High Pressure Die-cast Aluminium fitted with 5 nos. twin wheel nylon castors (castor wheel diameter 5.0 cm). The pedestal shall be of	Premium high chair	3
10	The chair seat shall be made up of 1.2 cm thick hot pressed plywood upholstered with fabric and moulded Polyurethane Foam. The back shall be made up of 1.2 cm thick hot pressed plywood upholstered with replaceable fabric upholstery covers and moulded polyurethane foam. The back ply and foam shall be designed with contoured lumber support for comfortable seating posture.The High back size shall be 48cm(W) X 76cm(H). The polyurethane foam for seat and back shall be moulded with density = 45 +/-2 kg/m3 and Hardness = 20 +/- 2. The armrest top shall be made up of moulded polyurethane (P.U) and mounted on to a drop lift height adjustable type M.S. tubular armrest support chrome plated. The armrest height shall be adjustable up to 6.5cm in 5 steps & also has swivel	Executive high back chair	11

	adjustment of 22º on both sides. 4. The Knee tilt synchro mechanism with seat depth adjustment mechanism: The mechanism shall be designed with the following features: 360° revolving type. ·Single point control. ·Front pivot for tilt with feet resting on ground ensuring more comfort. Tilt tension adjustment. · 4-position locking with anti-shock feature. Seat back tilting ratio shall be of 1:2 (11° Seat Tilt /22° back tilt).The Seat depth adjustment of 6cm shall be locked in 6 positions. 5. The backrest consists of a sliding up down mechanism, which can be adjusted in the range of 7.5 cm and can be locked in 4 positions for correct position of lumber support. 6. The pneumatic height adjustment has an adjustment of 9.0 cm. 7. The pedestal shall be fabricated from steel, chrome plated and assembled with injection moulded black polypropylene hub cap and 5 nos. twin wheel castors (castor wheel dia. 5.0 cm). The pedestal shall be of 66.0cm. Pitch-center dia. (76.0 cm with castors). 8. TWIN WHEEL CASTORS: The twin wheel castors shall be injection moulded in black Nylon.		
11	The chair seat and back shall be made up of 1.2 cm. thick hot-pressed plywood, upholstered with changeable fabric upholstery covers and moulded Polyurethane foam, together with moulded back-spine cover. The back foam shall be designed with contoured lumbar support for extra comfort. The chair can be made available in three models. The back ply size shall be of 43.0cm. (W) X 46.0cm. (H) SEAT PLY SIZE: 47.0cm. (W) X 50.0cm. (D).The Polyurethane foam shall be moulded with density = 45 +/-2 kg/m 3 and Hardness = 20 +/- 2 on Hampden machine at 25% compression. The armrests shall be made up+D99 of black integral skin polyurethane with 50-70 Shore 'A' Hardness and reinforced with M.S. insert. The P.U.armrests are then fixed to black powder coated armrest brackets made of up of 0.5cm.thk. HR steel fitted with claddings made of injection moulded Polypropylene. Approx. size of the armrest shall be 21.0cm. (L) X 6.4(W). The permanent contact mechanism is designed with the following features like 360° revolving type, 14° maximum back-tilt only, Upright position locking, tilt tension adjustment. The fixed type mechanism is 360° revolving type without back tilt. The spine cover shall be injection moulded in black co-polymer Polypropylene.The pneumatic height adjustment has an adjustment stroke of 12.0 cm.The bellow D49s 3 piece telescopic type and injection moulded in black Polypropylene. The pedestal shall be fabricated from 0.2cm. Thick CR steel, powder coated and fitted with an injection moulded black Polypropylene hub cap and 5 nos. twin wheel castors.(castor wheel dia. 5.0cm.) The pedestal shall be of 60.0cm. Pitch-centre dia. (70.0 cm with castors). The	Premier chair for student	10

	twin wheel castors shall be injection moulded in Black Nylon.		
12	The student visitor chair shall be in dimensions of 61.7cm(W) x 56.6cm(D) x 94.8cm(H). The seat size shall be 45cm(W)x50.5cm(H) and the seat height shall be 48.1cm. The seat shall be made of moulded polyurethane foam and 1.2 +/- 1.2 cm thick Recycles composite board and upholstered with replaceable fabric cover. The back shall be made of MS tubular frame insitu moulded with Polyurethane foam and upholstered with fabric cover. The HR Polyurethane foam is moulded with density = 45 +/- 2 Kg/cu.m and hardness load for back foam is 12 Kgf +/-2 and hardness load for seat foam is 16 Kgf +/-2 as per IS 7888 (for25% compression). The armrest shall be fixed with a two piece construction and shall be mounted on to the tubular frame structure. It shall be injection moulded in talc filled PP. The tubular frame structure shall be powder coated (DFT 40-60 microns) and shall be made of 48+ 0.03cm x 1.85+-0.02cm x 0.25+-0.02cm thick M.S. ERW oblong tube.The chair should be greenguard certified.	Kubix visitor chair	100
13A	Supply and fixing of Modular Furniture system , comprising of Partition height as 900mm & thickness of 50mm & the thickness of side fin should be 18mm & depth of 1200mm with Raceway at bottom and Intermediate race above Worksurface (as per req.) , bottom block as Metal upper block as fabric & one block as white board with 25mm thick PLPB rectangular worksurface of size 1350 x 600 with pvc flat lipping of same color . Metal modesty panel below the worksurface . DETAIL SPECS : The frame comprises of 2 vertical uprights, a top horizontal tube and a bottom C channel as a welded structure. The vertical upright is made from 1.5mm thick CRCA M.S. Grade D formed into “C” channel of 28.4 X 40. The top horizontal is a 1.2 mm thick M.S. tube of 38.1 X 25.4 mm (1 X 1 ½ inch). The bottom horizontal is a 1.5 mm thick M.S. ‘C’ channel of size 38.1mm x 25.4 mm (1 ½ in x 1 in). The frame will be powder coated in standard black colour. The pitch for mounting the brackets on the upright is 25.4 mm. The rectangular slot for wires on the upright is 60mm (H) x 10 mm (W), 1 no. at the bottom and 4 nos. at the intermediate level wherein each slot can allow 6 power cables of Dia.10 or 14 data cables of Dia. 6. The bottom horizontal would also have 2 slots for carrying wires, which are of the size 100mm (L) X 20mm(W), wherein each slot can allow 20 power cables of &10 or 48 data cables of Dia.6 Frames will be provided with MS bottom fascia of ht. 150mm. Metal fascia is powder coated, in 0.8 mm thick M.S. CRCA Grade D as per IS:513 -1994, which is hinged using	Workstation	3

	plastic hinge for fascia made in PP (BLACK). These can be provided at the bottom level as well as at the beltline level above or 6" below the worksurface. The fascia could be with or without cutouts for mounting of switches All exposed vertical & Horizontal edges of partition panels shall be finished by Powder coated aluminum alloy (of grade He-9 – 63400) Flat trims of 53.5mm X 13mm and average wall thickness of 1.2 mm are fitted on the top horizontal using M6 X 55L bolts & Nut and the open vertical ends of the upright using M6 X 25L Bolt & Nut. The frames are cladded with removable tiles.Below the worksuface metal tile provided on both side with powder coated in 0.6 mm thick M.S. CRCA Grade D as per IS:513 - 1994 & Above the worksuface fabric magentic tile provided on both side of panel with metal sheet frame of M.S CRCA grade D sheet as per IS:513-1994 of minimum thickness 0.6 mm, with inlay of fiberglass sheet ,fabric of approved shade shall be suitably glued to the frame work. Tiles shall be fitted with Nylon 66 plastic hangers(buttons) fitted on the rear side for fixing to partition frame. Worksurface 25 mm thick laminated - Shape of worksurface shall be in rectangular in shapre with dimensions 900mm W x 600 mm D x 750mm H ,Work top shall be made of 25mm thick Plain Particle board interior grade conforming to IS:3087:1985 . The top shall be laminated with laminate of 1 mm thickness of approved shade as per IS:2046-1995 and glue of PVAC . The height of the work station partition panel shall be 1200mm from ground level. Bottom shall have a backing laminate of minimum 0.6 mm thickness. All the edges of work surface shall be provided with machine pressed 2 mm thick PVC lipping glued with hotmelt EVA glue.At the end of workstation & between 2 person 25 mm thick prelaminted partition with 1050mm also be there for privacy with 150mm dia curve at top end . Work top shall be mounted onto the partition panels for work stations by means of cantilever brackets made from 2.0 mm thick CRCA grade D steel as per IS:513-1994 duly pretreated and powder coated in black colour. Each workstation shall be provided with drawer units of overall size 390 mm W x 435 mm D x720mm H consisting of one nos .pencils drawers & a filing box drawer. The dwawer shall be fitted into top with screw & will be providing at bootom glide screws for level +/- 7mm for uneven floors.		
13B	Supply and fixing of Modular Furniture system , comprising of Partition height as 1200mm & thickness of 50mm & the thickness of side fin should be 18mm & depth of 1200mm with Raceway at bottom and Intermediate race above Worksurface (as per req.) , bottom block as Metal upper block as fabric & one	Workstation	5

	block as white board with 25mm thick PLPB rectangular worksurface of size 1350 x 600 with pvc flat lipping of same color . Metal modesty panel below the worksurface . DETAIL SPECS : The frame comprises of 2 vertical uprights, a top horizontal tube and a bottom C channel as a welded structure. The vertical upright is made from 1.5mm thick CRCA M.S. Grade D formed into "C" channel of 28.4 X 40. The top horizontal is a 1.2 mm thick M.S. tube of 38.1 X 25.4 mm (1 X 1 ½ inch). The bottom horizontal is a 1.5 mm thick M.S. 'C' channel of size 38.1mm x 25.4 mm (1 ½ in x 1 in). The frame will be powder coated in standard black colour. The pitch for mounting the brackets on the upright is 25.4 mm. The rectangular slot for wires on the upright is 60mm (H) x 10 mm (W), 1 no. at the bottom and 4 nos. at the intermediate level wherein each slot can allow 6 power cables of Dia.10 or 14 data cables of Dia. 6. The bottom horizontal would also have 2 slots for carrying wires, which are of the size 100mm (L) X 20mm(W), wherein each slot can allow 20 power cables of &10 or 48 data cables of Dia.6 Frames will be provided with MS bottom fascia of ht. 150mm. Metal fascia is powder coated, in 0.8 mm thick M.S. CRCA Grade D as per IS:513 -1994, which is hinged using plastic hinge for fascia made in PP (BLACK). These can be provided at the bottom level as well as at the beltline level above or 6" below the worksurface. The fascia could be with or without cutouts for mounting of switches All exposed vertical & Horizontal edges of partition panels shall be finished by Powder coated aluminum alloy (of grade He-9 – 63400) Flat trims of 53.5mm X 13mm and average wall thickness of 1.2 mm are fitted on the top horizontal using M6 X 55L bolts & Nut and the open vertical ends of the upright using M6 X 25L Bolt & Nut. The frames are cladded with removable tiles.Below the worksuface metal tile provided on both side with powder coated in 0.6 mm thick M.S. CRCA Grade D as per IS:513 - 1994 & Above the worksuface fabric magentic tile provided on both side of panel with metal sheet frame of M.S CRCA grade D sheet as per IS:513-1994 of minimum thickness 0.6 mm, with inlay of fiberglass sheet ,fabric of approved shade shall be suitably glued to the frame work. Tiles shall be fitted with Nylon 66 plastic hangers(buttons) fitted on the rear side for fixing to partition frame. Worksurface 25 mm thick laminated - Shape of worksurface shall be in rectangular in shapre with dimensions 900mm W x 600 mm D x 750mm H ,Work top shall be made of 25mm thick Plain Particle board interior grade conforming to IS:3087:1985 . The top shall be laminated with laminate of 1 mm thickness of approved shade as per IS:2046-1995 and glue of PVAC .		

	The height of the work station partition panel shall be 1200mm from ground level. Bottom shall have a backing laminate of minimum 0.6 mm thickness. All the edges of work surface shall be provided with machine pressed 2 mm thick PVC lipping glued with hotmelt EVA glue.At the end of workstation & between 2 person 25 mm thick prelaminted partition with 1050mm also be there for privacy with 150mm dia curve at top end . Work top shall be mounted onto the partition panels for work stations by means of cantilever brackets made from 2.0 mm thick CRCA grade D steel as per IS:513-1994 duly pretreated and powder coated in black colour. Each workstation shall be provided with drawer units of overall size 390 mm W x 435 mm D x720mm H consisting of one nos .pencils drawers & a filing box drawer. The dwawer shall be fitted into top with screw & will be providing at bootom glide screws for level +/- 7mm for uneven floors.		
14	The overhead unit should be made of combination of 18mm & 25 mm PLT with matching PVC lipping & have the feature of soft closing mechanism the size should be 1200mm x450mm x336mm	Overhead unit	4
15	The Sliding storage cabinet have the size of 900mm x 450mmx 1830mm in rigid knockdown construction made of CRCA 7mm thick (back , Sidebottom , Drawer bottom) should have centralized lockning with 5 lever cam lock & sliding door with top hanging arrangement to prevent derailmentis each door should have two plastic roller having steel ball baring for smooth movement & finish of epoxy polyster powder coated to the thickness of 50 micron (+/- 10) .	Sliding storage Unit	3
16	Single Sided Wood & Steel Book Rack shall have a main unit width of 925mm and the add on unit width of 900mm with the height of 1890mm (incl. 85mm skirting) and the depth of 300mm. It shall have a rigid knock-down construction with the Back panel up to the bottom of third rack for additional rigidity. The Racks, Back panel & Skirting shall be made of 0.8mm thick CRCA. The side panels shall be made of 25mm thick Pre-laminated particle board (PLB) with laminate on both sides. The metal panels shall be finished with Epoxy Polyester Powder coating of thickness 50 microns (+/- 10). The add-on units shall be stacked width wise to form a bank of racks having common side panel. There shall be 5 loading levels comprising of Bottom plus 4 fixed racks. Each rack shall be provided with Stiffener at bottom for strength. Uniformly Distributed Load Capacity per each full shelf shall be 80 Kg maximum. At the rear side of the racks back stiffeners shall be provided for supporting books on the rear side. Label Holder shall be provided on each main unit to insert labels for identification.	Bookrack Wood & steel	6

17	The Ultima plus mid back chair shall be available in the dimensions of 76.3cm(W) x 76.3cm(D) x 93.3-109.4cm(H). The seat size shall be 52cm(W) x 48cm(D) and the seat height shall be 45cm. The seat and back shall be made up of 1.2+-0.1cm thick Hot-pressed plywood and upholstered with fabric and moulded Polyurethane foam, together with moulded seat and back covers. The back foam shall be designed with contoured lumbar support for extra comfort. The HR Polyurethane foam shall be moulded with density 45+/-2 Kg/m3 and hardness load 16+/-2 Kgf as per IS:7888 for 25% compression. The seat shall be injection moulded in black Co-polymer Polypropylene and back cover shall be vacuum formed from black ABS sheets. The seat and back cover shall be injection moulded in black Co-polypropylene polymer. The armrests shall be made of black integral skin polyurethane with 50-7- shore 'A' hardness and reinforced with MS insert. The P.U. armrests shall be then fixed to black powder coated (DFT 40-60 microns) height adjustable armrest brackets made of 0.5+-0.05cm thick HR steel. The armrest height shall be adjusted up to 7+/-0.5cm in 7 steps. The front pivot synchro mechanism shall be 360 degree Revolving type with single point control. It shall have tilt tension adjustment with 4-position locking and anti-shock feature. The seat/back tilting ratio shall be 1:2. The backrest shall be connected to the mechanism with a drop lift mechanism which can be adjusted in the range of 7+/-0.5cm and held in 7 positions for better lumbar support. The pneumatic height adjustment shall have an adjustment stroke of 0+/-0.3cm. The bellow shall be 3 piece telescopic type and injection moulded in black polypropylene. The pedestal shall be injection moulded in black 33% glass-filled nylon-66 and fitted with 5-nos twin wheel castors. The pedestal shall have a pith-centre dia of 66.3+/-0.5cm (76.3+/-0.1cm with castors). The twin wheel castors shall be injection moulded in black nylon.	Chair (with wheels)	24
18	The visitor chair shall be available in the dimensions of 59.5cm(W) x 63cm(D) x 92cm(H). The seat size shall be 52cm(W) x 48cm(D) and the seat height shall be 45cm. The seat and back shall be made up of 1.2+-0.1cm thick Hot-pressed plywood and upholstered with fabric and moulded Polyurethane foam, together with moulded seat and back covers. The back foam shall be designed with contoured lumbar support for extra comfort. The HR Polyurethane foam shall be moulded with density 45+/-2 Kg/m3 and hardness load 16+/-2 Kgf as per IS:7888 for 25% compression. The seat and back cover shall be injection moulded in black Co-polypropylene polymer. The one piece armrests shall be injection moulded in black Co-polypropylene polymer. The	Visitor chair for student (Without wheels)	30

	armrests shall be fitted to the seats with armrest connecting brackets made of 0.4+/-0.025cm thick HR steel. The armrest height shall be adjusted up to 7+/-0.5cm in 7 steps. The tubular frame is cantilever type and made of dia 2.54+/-0.o3cm x 0.2+/-0.016cm thick black powder coated M.S ERW tube (DFT40-60 microns).		
19	The table size must 1175 W X 2329 L X 750 H. The top shall be 25 MM thick with MDF as base material and PVC Membrane foil coating on top. Understructure shall be of bend pipes of diametre 38 MM and thickness of 2 MM . Legs must be powder coated to prevent rusting and also glides sholud be provided in understructure to prevent the damage of table at the time of stacking. Table should be stackable	Table 8 seater	8
20	The Wooden chair shall be available in the dimensions of 55cm(W) x 54cm(D) x 86cm(H). The seat size shall be 44cm(W) x 40cm(D), the Back size shall be 42cm(W) x 45cm(D) and the seat height shall be 45.5cm. The seat back shell shall be made up of 1.2+-0.1 cm thick hot pressed plywood and laminated with natural veneer in three different shades of Teak and Mahogany. The armrest shall be made from Laminated veneered plywood (Teak stained) with melamine finish. The armrest tube assembly shall be powder coated and shall be made of thick M.S. tube.1.9+-0.02cm x 0.16+-0.0128cm. The tubular understructure shall be black powder coated (DFT 40-60 microns) and shall be made of M.S. tube 1.9+-0.02cm x 0.16+-0.0128cm thick.	Wooden chair	60
21	The table size must 1175 W X 1135 L X 750 H. The top shall be 25 MM thick with MDF as base material and PVC Membrane foil coating on top. Understructure shall be of bend pipes of diametre 38 MM and thickness of 2 MM . Legs must be powder coated to prevent rusting and also glides sholud be provided in understructure to prevent the damage of table at the time of stacking. Table should be stackable	Table 4 seater	15

Terms and conditions:

1. Maximum educational discounts should be applied
2. Validity of quotation should be at least for 60 days.
3. Price should be on FOR IIT Kanpur & should include the installation cost.
4. Institute is exempted for payment of Excise Duty under notification No. 10/97.
5. Warranty/Guarantee should be clearly mentioned.
6. Normal payment terms for the institute will be applicable (90% on delivery of the items and remaining 10% after satisfactory installation/inspection).
7. Quotation should carry proper certifications like agency certificate, proprietary certificate, etc.
8. **The products should be certified as applicable by GREENGUARD, SATRA and SEFA**
9. The delivery should be specifically stated. Earlier delivery may be preferred.
10. The indenter reserves the right to withhold placement of final order. The right to reject all or any of the quotations and to split up the requirements or relax any or all of the above conditions without assigning any reason is reserved.

Kindly send the quotation (in duplicate) in sealed envelope latest by **05.09.2013** to the following address.

Prof. T. Ravichandran
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Kanpur 208016