

P&S(1611)
15-11-16

DEPARTMENT OF CIVIL ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR – 713209

BID REFERENCE: NITD/EST/HOSTEL-01/2016

09/11/2016

To

Dear Sir,

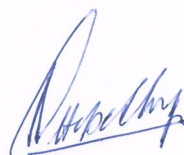
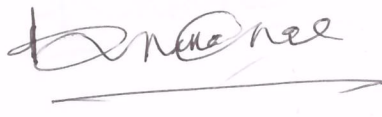
Subject: Invitation for Two Bid Quotation Inclusive of All Taxes for Supply / Fabrication / Installation of 'Furniture for 500 GIRLS' AND OTHER HOSTELS' from reputed manufacturer/dealer of high technical quality with adequate after sales support and service facilities.

Chapter-1: Instructions to Bidders

1. Sealed Two Bid quotations are invited for the items listed separately.
2. The quotations must be addressed to:

The Director
National Institute of Technology
Durgapur – 713209
West Bengal, India

3. The quotations must reach to the **SECURITY OFFICER & OIC-ESTATE SECTION** latest by 12.00 hours on **20/12/2016** (20/12/16) (N)
4. The Tender will be opened at 15.00 hours on **20/12/2016** in the **Assembly Hall of the Institute**
5. The bidders or their representative are requested to remain present during the opening of the tenders.
6. A bidder may submit their best competitive quotations for one or more items.
7. The bidder should submit their bids item wise as mentioned in **Chapter-5** within the time as mentioned above.
8. e-tendering will be followed. Download this Tender Document from that portal or from the Institute Web: www.nitdgp.ac.in for submission. Information regarding this tendering to be advertised in Local and also National Daily News Papers. Cost of the tender document is Rs.500/- only to be deposited through DD during bidding.
9. Pre-Bid Conference will be on **12/12/2016** at 2.30 pm in the **Assembly Hall** (12/12/16) (N)

Chapter-2: Terms and Conditions of Contract

1. **General:-** The special terms and conditions specific to an item (if any) are stated in appropriate location. **The General Financial Rules of Ministry of Finance, Government of India** shall be applicable for any dispute if otherwise not mentioned.

IT IS A TWO PARTS BID. PART-A = TECHNICAL BID & PART-B = PRICE BID. THESE TWO PARTS ARE TO BE SUBMITTED IN TWO SEPERATE SEALED ENVELOPES. These two envelops are then put in a Third Bigger Envelop.

2. **The Technical Bid = Part A** It must compliance the followings:

a) Earnest money = 2.5% of the quoted value is to be deposited in sealed envelope marked as "**E.M.D.**", either in the form of an **A/c Payee Bank Draft/ Bankers Cheque/ BG** of any Nationalized Bank in favour of **Director, N.I.T., Durgapur-9**, payable at Durgapur, in **Part "A" (Technical Bid)** of the tender. No exemption in Earnest Money is entertained except those having certificate of NSIC/MSME. *Earnest Money is to be deposited as DD or Bank Guarantee, Bankers Cheque on any nationalized bank which will be returned to the unsuccessful bidders within 30 working days after finalization of bid.

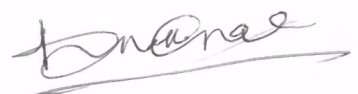
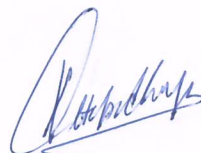
- I. In any case, whatsoever, submission of bid(s) without EMD in Part-"A" will not be entertained.
- II. Acceptance of technical specifications and drawings (if any) are mentioned in Chapter 5. Manuals of similar goods may be attached.
- III. In case of dealers/suppliers the 'Authorized Dealership Certificate' from the original manufacturer.

b) Credentials with list of organizations where the bidder supplied similar items of goods worth

(i) **Three (3) similar works, each of value not less than 40% of the estimated cost (or quoted cost if the bid does not cover all items) put to tender, or**

(ii) **Two (2) similar works, each of value not less than 60% of the estimated cost (or quoted cost if the bid does not cover all items) , or**

(iii) **One (1) similar work of value not less than 80% of the estimated cost (or quoted cost if the bid does not cover all items),**



all above amounts rounded off to a convenient full figure of nearest Rs. 10, in the last 7 years ending on the last day of the month previous to the one in which the tenders are invited.

c) Valid, up-to-date, VAT Registration Certificate/ Sales Tax, Professional Tax, Trade License, PF registration, Voter-ID, Adhar Card, IT Returns.

d) Total financial statement of supplying and installation works performed for each year of the last 7 years (i.e. from 2008-09 to 2015-16), out of which at least in one-year total monetary value of supply shall be equal to the quoted amount. Documentary evidence has to be submitted.

Also the Audited Balance Sheets for last three years (2012-13 to 2015-16) are to be submitted.

e) Bank Solvency of Rs. 15.00 lacs (min).

f) Certificate regarding compliance with ISO 9001

g) This Technical Bid will be put in a separate sealed envelop.

h) The cost of the tender document = 500/- to be deposited through DD.

3. PRICE BID = PART-B It must be compliance with the followings:

The price bid (in a separate sealed envelope) will be opened only for the responsive bidders who have satisfied all the points of PART-A.

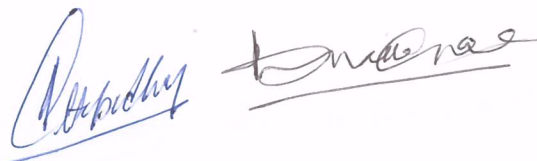
a) The contract shall be for the full quantity of any item as described appropriately.

b) All duties, taxes and other levies, freight charge(s), and any other accidental charges etc. payable by the Bidder/Manufacturer/Dealer under the contract shall be included in the total price **F.O.R. NIT Durgapur.**

c) The rates quoted by the bidder shall remain unaltered for the entire duration of the contract and shall not be subjected to any adjustment/changes. The escalation of price will not be entertained. However, if there be any change in taxes over finished product, that may be considered under submission of proper documentary evidence.

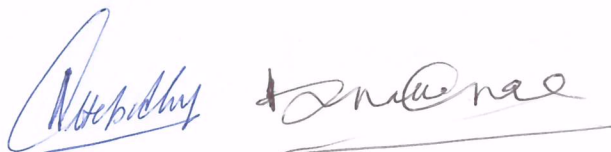
d) The Prices should be quoted in Indian Rupees only, and all payments will be made fully in Indian currency.

e) All Pages of Price Bid shall be signed.



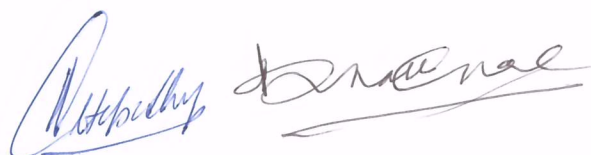
f) The signed Price Bid and the signed Tender Document (both in duplicate) be put in a separate sealed envelope.

4. **Two Part Bids Inside a Single Outer Cover:** The bidder must submit his bid in two parts **clearly marked as “(A): Technical Bid” and “(B): Price Bid”** in separate sealed covers mentioning the name of the item(s) for which the quotation is submitted. Envelope “A” should be marked as “**Technical Bid**” and should contain the listed items of **point- 2** stated above in this chapter. The Envelop “B” should be marked as “**Price Bid**” and should contain the **signed Price Bid (item wise) and signed Tender Document (in duplicate)** only. All pages of the Tender document & price bid should be signed.
5. The **Outer Cover** shall clearly mark with: *Tender Number, Date and Time of Opening, Name of the Item(s)* for which the quotation is submitted, *full address of the addressee, name and full address of the bidder. It will contain the envelopes of PART - A & PART -B.*
6. **Validity of Quotation:** Quotation shall remain valid for a period not less than 60 days after the deadline date specified for submission.
7. **Location of Delivery:** The delivery shall be made at the site of installation as per the direction of S/O & O I C Estate Manager, NIT Durgapur.
8. **Period of Delivery:** The period of delivery of entire quantity as per work-order will be within **160 days** from the date of order placed.
9. **Delivery Option:** The items must be insured and delivered without any extra cost at the Institute and will also have to be installed free of cost. The Institute will not be responsible in any way to collect the item(s) from transport agency / any other location on (or even without) payment of freight charges / insurance charges etc. Any form of expenses to be incurred due to transport, loading-unloading, and T.A & D.A to the expert team etc. should be borne by the party.
10. **Payment Terms:** Payment shall be made generally within 30 working days after satisfactory installation, commissioning and acceptance of the item. Part payment for the supplied quantity is also admissible. The Payments will be made after statutory deductions (like security deposit etc.). Maximum number of three part payments is admissible.
11. **Advance Payment:** No advance payment to be made in any occasion.
12. **Warranty:** Comprehensive on-site warranty shall be applicable to the supplied goods generally for a period of 36 months for all manufacturing defects from the date of satisfactory installation, commissioning, demonstration and acceptance.
13. **Refund of EMD to unsuccessful bidders:** The unsuccessful bidders will get full refund of the EMD after finalisation of the tender. Under no circumstances, any



interest can be claimed on EMD by the bidder. For getting the refund of the EMD, an official claim must be lodged mentioning the bid Number and the amount of EMD.

- 14. Failure of Order Execution:** If a successful bidder after receiving the order fails to execute the order within the stipulated period or does not fulfil any of the terms and conditions in any respect, the Institute reserves the right to cancel the order unilaterally. In such case, the EMD (= 2.5% of the unexecuted items subjected to the minimum of Rs.1,00,000/- only) of the bidder will be forfeited and no claim whatsoever will be entertained thereof.
- 15. Taxes and Duties:** The Institute is exempted from payment of custom and excise duty on items mentioned below: a) Scientific and technical instruments, apparatus, equipment (including computers), b) Accessories, spare parts and consumables thereof, c) Computer software, CD-ROM, recorded magnetic tapes, microfilms, and microchips.
- 16. Concession, if any:** Special concession applicable for Educational Institutions, if any, must be clearly mentioned at the time of submission of tender.
- 17. Performance Security or Security Deposit:** The successful bidder must submit Performance Security of **10.0%** (Ten percent only) of the ordered value, on the goods/services supplied irrespective of the origin, before the release of payment by Demand Draft or Bankers Cheque from any Nationalized Bank. Otherwise, the **same amount will be deducted** from the billed amount. On satisfactory completion of the warranty period of Three years (36 months), **Performance Security** will be released free of any interest on demand. The earnest money deposit of the successful bidder will be returned only after receiving/deducting (from bills) the full amount of performance security. There is no exemption on depositing Security Deposit to any successful bidder including those of under NSIC/MSME companies.
- 18. Liquidated Damage (LD):** Any delay in supplying the items from the stipulated date of delivery, will attract LD. Liquidated Damage will be applicable at the rate of 1.0% per month or part thereof and limited to 10% maximum. The authority reserves the right to cancel the purchase order when LD accumulates to 10%.
- 19. Director's Decision:** The decision made by the Director, National Institute of Technology, Durgapur – 713209 is a binding on all the bidders.
- 20. Settlement of Dispute:** Settlement of any dispute will be made under the jurisdiction of Durgapur Court.
- 21. Rejection of Lowest bid:-** The authority reserves the right to examine the cost analysis made by the bidders on the basis of which the authority also reserves the right to reject the un-natural lowest bids or all bids.
- 22. Conditional Bids:-** Conditional Bids in any form will not be accepted.



23. **Responsive bids:-** A bid made by a bidder who satisfies the **point- 2** of this Chapter and accepts, in general, all terms and conditions will be termed as '**RESPONSIVE BID**' for further evaluation of Price Bid. '**Non Responsive Bids**' will not be in the competition.
24. The bidder should submit their bids item wise as mentioned in Chapter-5.
25. **Award of Contract:-** Generally, responsive bidder(s) with lowest evaluated bid (Item Wise) will be awarded the contract.
26. The authority reserves the right to reject any or all bids if not in compliance with the terms/condition, or without assigning any reason.
27. Terms and Conditions under this Chapter is applicable, in general, to all Items.
28. **Ten percent** of the ordered quantity will be subjected to random checking for acceptance.

Chapter 3: Special terms and conditions

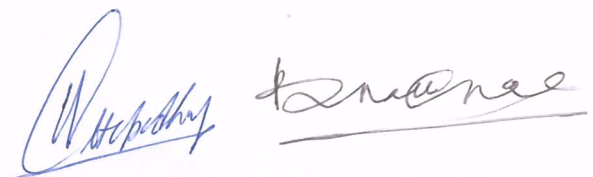
1. All steel components should be cold rolled and closed annealed steel from SAIL/TATA/JINDAL. Undertaking to this effect be submitted by the bidder/supplier. Steel products shall also be ZINC-PHOSPHATED.
2. All expenditure related to possible transportation of supplied item outside the Institute premises for servicing etc. (if any) within the warranty period will be borne by the supplier.
3. Quality Control Certificate of the finished product regarding the specification given in the item(s) from any Governmental Institute/Laboratory shall be submitted during supplying the Item(s). The bidder will execute this on their own cost.
4. Workshop inspection will be done by the Institute. The supplier will arrange their visit if necessary.
5. Inventory Number of product shall be put to all supplied Item as per the direction of the Estate Section at the cost of the supplier.

Chapter 4: Price Schedule

1. The bidder should give a price bid in his letterhead as per ANNEXURE -I
2. This price bid should clearly state the base price, taxes, duties, etc. and total price.

Chapter 6: Tender Form

After signing the all pages, the bidder should return the hard copy of the **FULL Tender Document induplicate**, as well as the Tender Form as given below (after filling the blank spaces), and Price Bid (as per Annexure-I), in 'Price Bid' envelop



TENDER FORM

To
The Director
National Institute of Technology
Durgapur – 713209
West Bengal, India

Name of the Work: Supply of Furniture for Hostel etc.

M/s.....

.....
.....

(Write Principal's name and address)

Gentlemen,

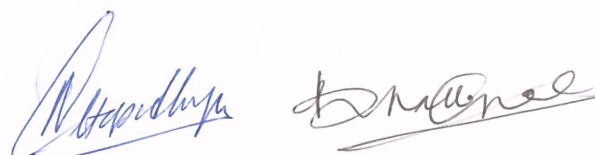
Having examined the Tender Document that includes: Invitation to Tender, Instructions to Bidders, Terms and Conditions of Contract, Schedule of Items and Specifications, Special terms and conditions, Price Schedule, Tender Form mentioned above, I/we the undersigned offer to supply and maintain the said equipment in conformity with the said bid Document.

1. We undertake, if our tender is accepted, to supply, deliver and install the item(s) as per tender document at your site within the period mentioned in the tender document.
2. Without prejudice to any other rights and remedies of National Institute of Technology Durgapur – 713209 can cancel the work order if we do not execute the work order assigned to us within stipulated period.
3. We agree to abide by this tender (NITD/EST/HOSTEL-01/2016 dt.) and it shall remain binding upon us.
4. This Tender together with your written acceptance thereof, shall constitute a binding contract between us.
5. We understand that you are not bound to accept the lowest or any tender you may receive if that does not support the technical specification of items and /or failed to satisfy the **terms and conditions of contract** mentioned.
6. We accept all terms and conditions given in the bid document.
7. The bidder signs all pages of the tender document.

Check List

Following documents are to be submitted serially with the bid. The first 13 documents/material are the parts of **Envelope A = Technical Bid**, and the rest 2 materials will be the parts of **Envelope B = Price Bid**. For becoming a Responsive Bidder the Technical Bid must be complete. Price bids of the responsive bidders will only be opened for making comparative statement.

1. EMD = 2.5% DD or Bankers Cheque or BG from any Nationalized Bank.
2. Confirmation of Technical Specification as specified item wise.
3. Authorized dealership certificate for dealers only.
4. Credential as stated in Chapter 2.2b.

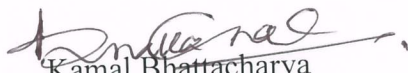


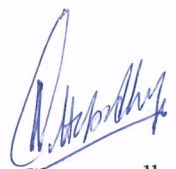
5. Financial statement for the last seven years 2008-09 to 2015-2016
6. Financial statement showing business of 100% or more of that of bid value in a particular year during 2006-2011
7. Up-to-date Vat Registration Certificate
8. Up-to-date Sales Tax (if applicable)
9. Up-to-date PF registration certificate (If applicable)
10. Up-to-date Professional Tax Certificate
11. Up-to-date Trade License certificate
12. Income Tax Return, Voter ID, Adhar Card.
13. Bank Solvency of minimum Rs.15.00 lacs. Or Equivalent document.
14. Certificate regarding compliance of ISO 9001.
15. Signed Tender Document and Tender Form (In duplicate)
16. Signed Price Bid (In duplicate) as per Annexure – I
17. **The Audited Balance Sheets for last three years (2012-13 to 2015-16) are to be submitted.**

Signature and seal of the bidder with date

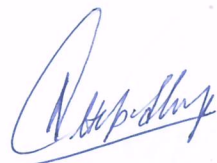
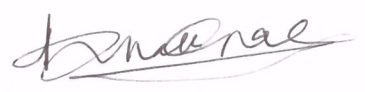
For queries, contact:

1. Prof. K. Bhattacharya, m:9434788040
Chairman, Tender Committee,
NIT, Durgapur-713209.
2. Dr. A.K. Banik, (Member, Tender Committee), 9434788101
3. Sri Ajit Bhagat (Convener, Furniture Group)
In-Charge, Estate (9434788170)
4. Mr. A. K. Chattopadhyay, m:9434788015
D/R (P &S)
NIT, Durgapur-713209


Kamal Bhattacharya
Dean (P & D)


Mr. A. K. Chattopadhyay
D/R (P &S)


DIRECTOR 11/11/2016.

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Repdhips

Signature

1 Sl. No	2 Name of the goods	4 Quantity & Unit	5 Price for each unit		6 Unit Price (a)+(b)	7 Sales & all other taxes / levies payable [admissible only on col. 5(a)]	8 Total Unit Price (6)+(7)	9 Total Quantity Price, item wise (in words)
			Ex-factory/ ex-warehouse/ ex-showroom off the self (a)	Incidenta l services (b)				
1	Study Chairs	1280						
2	Study table	1280						
3	Steel Cot	1090						
4	Steel Almirah	680						
5	Dining Table with 4 chairs inclusive	60						
6	Common Room Chair 3 seater-Beam seating	70						
7	Office Chair, Sofa- 1 seater	10						
8	Sofa - 2 Seater	4						

We agree to supply the above goods in accordance with the technical specifications and the terms and conditions mentioned in the bid document at prices mentioned above within the period specified in the Invitation for Quotations.

We also confirm that the warranty as stipulated in Chapter-2 of the tender document.

Signature of Bidder _____
 Name _____
 Business Address _____

Place:

Date:

CHAPTER - 5

B.O.Q OF FURNITURE

Sl. No.	Brief description of Items	Specification	Unit	Quantity.	Rate Rs.	Amount Rs.
1.	Study Chairs with M.S. perforated sheet for seat and backrest.	<p>Quotation is asked for fabricating, finishing, and supplying of chairs with following specification:</p> <ol style="list-style-type: none"> 1. Dimension should be as per sketch attached 2. MS. Tube 14 SWG (2.0 mm) thickness. 3. Seat /Back: The seat is made up of perforated M.S. sheet thickness approximately 18-20 SWG 4. Armrest assembly : Flat tube approximately 35 mm. Width, 10 – 12 SWG 5. To be finished with approved brand of powder coated paints (*) over pre-treatment . 6. sample item with colour shall be got approved from the authority before supplying. 	Each	1280		

Atulya Dhanase

		<p>* POWDER COATED SPEC. over 9 tank pre-treatment anti corrosive process All M S components are epoxy- polyester powder coated. Dry film thickness more than 45 micron. Salt spray test to withstand more than 1000 hours. Scratch hardness withstanding upto 4kgs. Impact resistance: 150 kg cm</p>				
		<p>7. Approx weight of each chair shall not be less than 6.50 Kg.</p>				

Sl. No.	Brief description of Items	Specification	Unit	Quantity.	Rate Rs.	Amount Rs.
2.	Study table	<p>Quotation is asked for fabricating, finishing, and supplying of Complete Reading Table with following specification:</p> <ol style="list-style-type: none"> 1. Size 900 x 600 x 750 (height) with a drawer 375 x 600 x 150 (depth) at the right side (having locking arrangement) and also a bottom rack just below the drawer (375 x 600) for housing UPS and CPU etc. The Drawer size may be adjusted little to accommodate bottom rack and operational, technical feasibilities with the permission of the committee.. All dimensions are in mm unless specified otherwise. 2. The table top, drawer, and the bottom rack shall be of MS sheet of 20 SWG. The frame of the table including legs and footrest shall be of 1" sq MS tube of 16 SWG. 3. The number of full-length legs = 6, of which four 	Each	1280		

		will be at the corner of the table and another two at the side of the drawer and the bottom rack for supporting them..			
		<p>4. To be finished with approved brand of powder coated paints (*) over pre treatment etc..</p> <p>5. The open ends of the legs shall be suitably secured with MS sheets. All joints shall be properly welded.</p> <p>6. Sample table with colour shall be got approved from the authority before supplying.</p> <p>* POWDER COATED SPEC. as given in Item 1</p>			

Sl. No.	Brief description of Items	Specification	Unit	Quantity.	Rate Rs.	Amount Rs.
3.	Mild Steel Cot	<p>Quotation is asked for fabricating, finishing, and supplying of Steel Cot with following specification:</p> <ol style="list-style-type: none"> 1. Size 1975mm length X 900 mm Width X 450 mm Height with structure made of 33 mm X 16 Swg round pipe with two extra middle leg support of 25 mm dia X 16 Swg round pipe. 2. The top structure of the cot is a frame of 40 mm x 20 mm 16 Swg thick rectangular tube. The middle of the frame structure is supported by 3nos. 40mm x 20mm 16SWG rectangular tube at equal distance. 3. The top cover of bed is made of size 1975mm length x 900mm width 16SWG thick Prime quality CRC Steel sheet of 513 Grade. 4. The total head side height is 600 mm 5. One lower storage platform should be provided below the top cover with Perforated sheet, 16 SWG. 6. The whole steel components should be of CRC Sheet / MS Pipe. The open ends of the legs would be covered by MS circular disc. 	Each	1090		

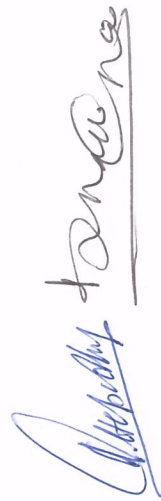
Signature

Date

		7. All metal components should be treated by seven tanks process for Powder Coating Paint i.e. Digressing (1 st tank), Water rinsing (2 nd tank), De-rusting by Acid (3 rd tank), Water rinsing (4 th tank), Phosphating (5 th tank), Water rinsing (6 th tank) & Passivation (7 th tank) respectively with non electrolytic deep process to produce a protective oxide coating for smooth surface with matt finish anticorrosive automated Powder Coating Paint of thickness 60microns and oven baked for high resistance to scratch, chemical, thermal and mechanical stress.			
		7. Sample COT with colour shall be got approved from the authority before supplying.			

Sl. No.	Brief description of Items	Specification	Unit	Quantity.	Rate Rs.	Amount Rs.
4.	Steel Almirah	<p>Quotation is asked for fabricating, finishing, and supplying of Double Door Steel Almirah with following specification:</p> <ol style="list-style-type: none"> 1. Size : 900mm x 600mm x 1950mm (ht.) 2. Gauge : Body of the almirah & the racks shall have 20SWG. 3. Consist of two full racks & two half racks. 4. Wardrobe with steel rod of 16SWG for the top quarter portion. 5. Lock: 3-way holding six-lever lock (LINK, Godrej, Harrison) 6. Leg stand : 3" x 5" (18SWG) of full depth. 7. To be finished with approved brand of powder coated paints (*) over pre-treatment. 8. Sample Alimrah with colour shall be got approved from the authority before supplying. 	Each	680		

		<p>9. Additional Locking System from Out-Side (As per designer's Choice) to be provided.</p> <p>10. One Good quality mirror (Modi Gard, Sant Govin) @ 25cm x 100 cm as approved by the committee be fitted with almirah.</p> <p>11. Hanger of 18sws 1 inch dia SS bar.</p> <p>* POWDER COATED SPEC as given in Item-1</p>				
Sl. No.	Brief description of item	Specification	Unit	Quantity.	Rate Rs.	Amount Rs.
5	Dining Table with 4 chairs inclusive.	<p>Providing, Supplying and placement of dining table ISO 9001:2008, ISO14001, OHSAS 18000, BIFMA & GREENGUARD Certified from reputed manufacturer and as per approved drawing & design / specification. Of dimension 1180 × 1492 × 750 The Top is in Stainless Steel brushed finish with PLB insert for durability. Easy to maintain hygiene. Made of 50.8 × 50.8mm × 1.2mm thick powder coated ERW tubes at base which are welded and fixed to the Top with screws. Tubular stiffeners that are provided between the two vertical frames. The tubes are closed with plastic caps. Seats are offered in SS Round Stool types. Level adjusters are provided to take care of unevenness in floor.</p>	60			
6	Common Room Chair 3 Seater-Beam Seating	<p>Supply & placement of waiting chair from ISO 9001:2008, ISO 14001, OHSAS 18000, BIFMA & GREENGUARD Certified Manufacturers and as per approved drawing & design / specification. Cross beam shall be made up of black powder coated rectangular M.S.ERW tube having 8 ±</p>	70			



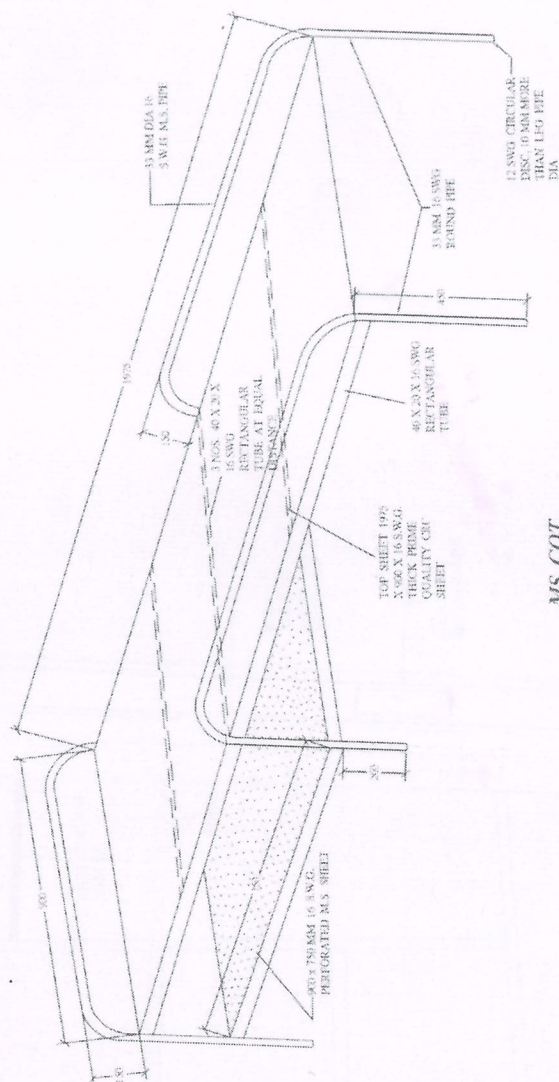
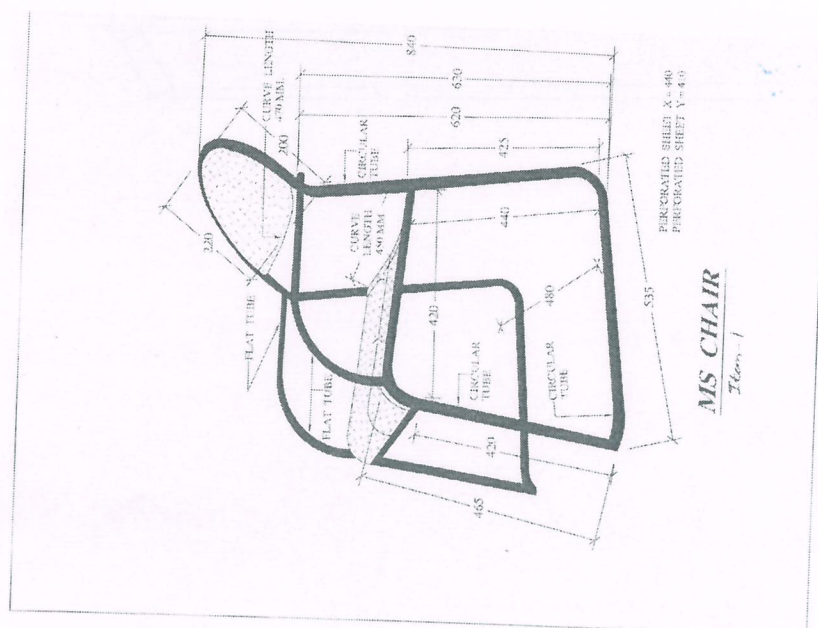
				<p>IS:7888 for 25% compression of the foam. The complete moulded seat rest assembly shall be covered with a replaceable fabric upholstery cover. The size of sheet shall be :52.0 cm (W) x 50.0 cm (D) x 6.0 cm (T) approx. The backrest-assembly shall be flexing type and shall consists of a fabricated inner -frame assembly insitu-moulded with high Resilience (HR) polyurethane foam having density =45+/-2 kg/cm³ with hardness load 14 ± 2 kgf as per IS:7888 for 25%compression of the foam. The complete moulded backrest assembly shall be covered with a replaceable fabric upholstery cover. The size of back shall be:52.0 cm (W) x 57.0 cm (H) x 12.0 cm (T) approx. The side frame assembly , which forms the armrest assembly shall be fitted to the two ends of the connecting beam assly . to form the leg – cum-armrest assembly. It consists of a fabricated inner – frame assembly insitu – moulded with polyurethane foam having density =45+/-2 kg/cm³. The hardness of the P.U. foam =16-20 kgs. On hampden m/c for 25% compression of the foam. The complete moulded size frame assembly shall be covered with a replaceable fabric upholstery cover. The size of the armrest shall be :63.0 cm (D) x 58.0 cm (H) x 12.0 cm (T) approx. The adjustable glide shall be injection moulded in black ABS and is used for level adjustment of the sofa on uneven floor surface. It shall be fitted to the side frame assembly. Overall dimensions of chair shall be</p>			
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8	Sofa 2 seater	<p>Seat Height – 41.0 cm , Height – 78.5 cm, Width & depth of chair as measured from pedestal – Width – 86.0 cm and Depth- 74.0 cm.</p> <p>Providing, Supplying & placement of cafe chair from reputed Manufacturers and as per approved drawing and design / specification . The side frame assembly shall be fitted to the two ends of the connecting beam assembly to from the leg - cum-armrest assembly. It shall be made of 03.81 \pm 0.03 cm x 0.2 \pm 0.016 cm. Thickcm x 0.16 cm and black powder coated (DFT40-60 microns). The ends shall be fitted with ABS moulded end caps. It shall be the connecting beam assy. Which holds the two side frames to each other. 2 nos tie members shall be used to connect the side frames. The tie-member shall be of dia 3.81 \pm 0.03 cm x 02 \pm 0.016 cm. Thickcm x 0.16 cm and black powder coated (DFT 40-60 microns). The seat/back assemblies shall be mounted on one of the tie – member which shall has 5.0 \pm 0.1 cm x 5.0 \pm 0.1 cm x 0.5 \pm 0.1 cm. Thick 5.5 \pm 0.1 cm. Long MS. Std. Angles welded to mount the seat and back. The seat rest assembly shall be consists of a fabricated inner-frame assembly insitu-moulded high resilience (HR) polyurethane foam having density =45+/-2 kg/cm³ with hardness load=25\pm2kgf as per IS:7888 for 25% compression of the foam. The complete moulded seat rest assembly shall be covered with a replaceable fabric upholstery cover.</p>	4				
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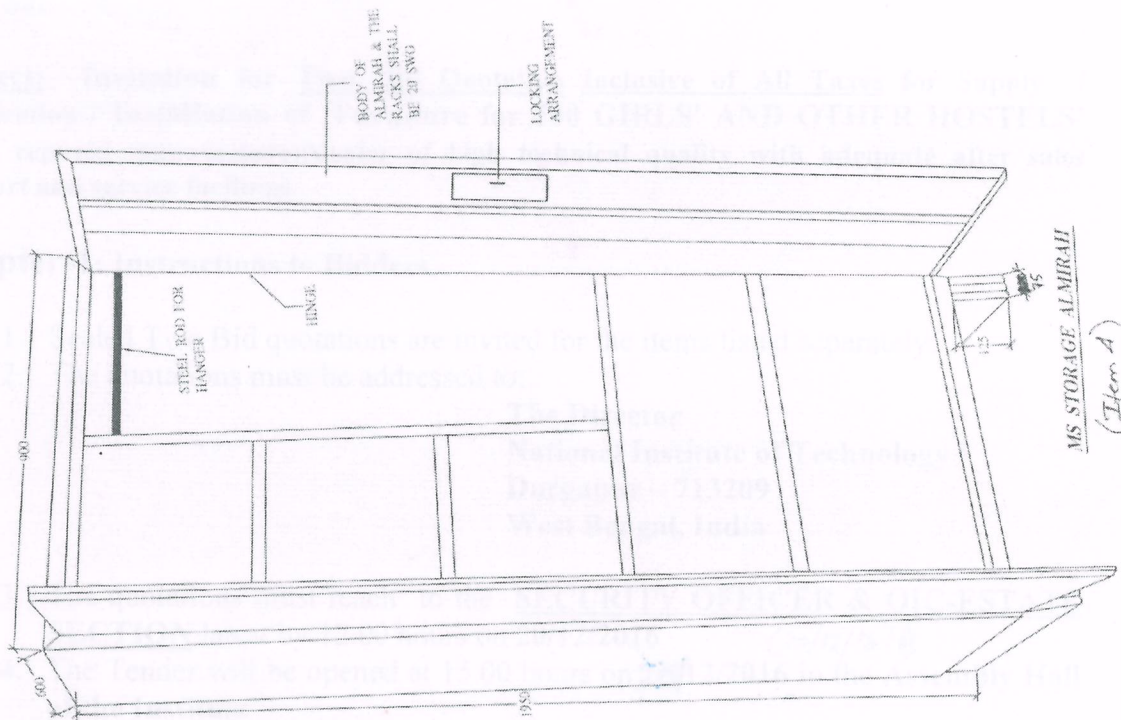
		<p>The dimensions of seat shall be : 52.0 cm (W) x 50.0 cm. (D) x 6.0 cm. (T). The backrest assembly shall be flexing type and consists of a fabricated inner – frame assembly insitu moulded with high Resilience (HR) Polyurethane foam having density = $45 \pm 2 \text{ kg/cm}^3$ with hardness load $14 \pm 2 \text{ kg}$ as per IS:7888 for 25% compression of the foam. The complete moulded backrest assembly shall be covered with a replaceable fabric upholstery cover. The size of the back shall be 52.0 cm. (W) x 59.0 cm. (H) x 6.0 cm. (T) the adj. Glide shall be injection moulded in back nylon & fitted to the front and of side frame assembly along with ABS moulded adj. Glide base to take care or unlevelled floor surface . overall dimensions of chair shall be seat height-43.5 cm, height -78.5 cm, width & depth of chair as measured from pedestal – width- 164.0 cm and depth – 70.0 cm.</p>				
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Abhishek

Dr. Aruna

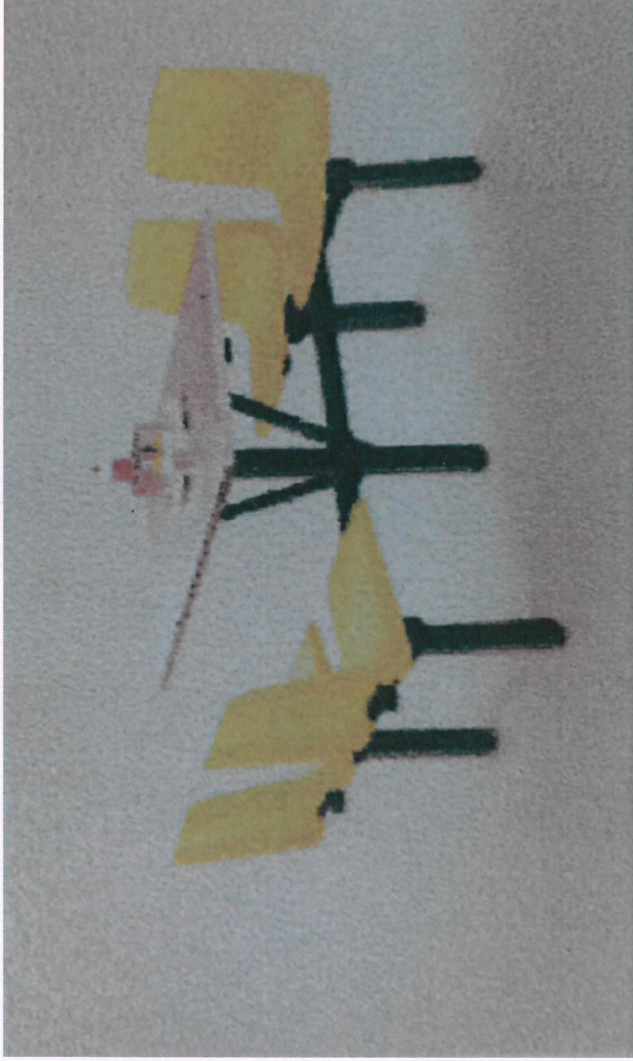


W. J. J. J.



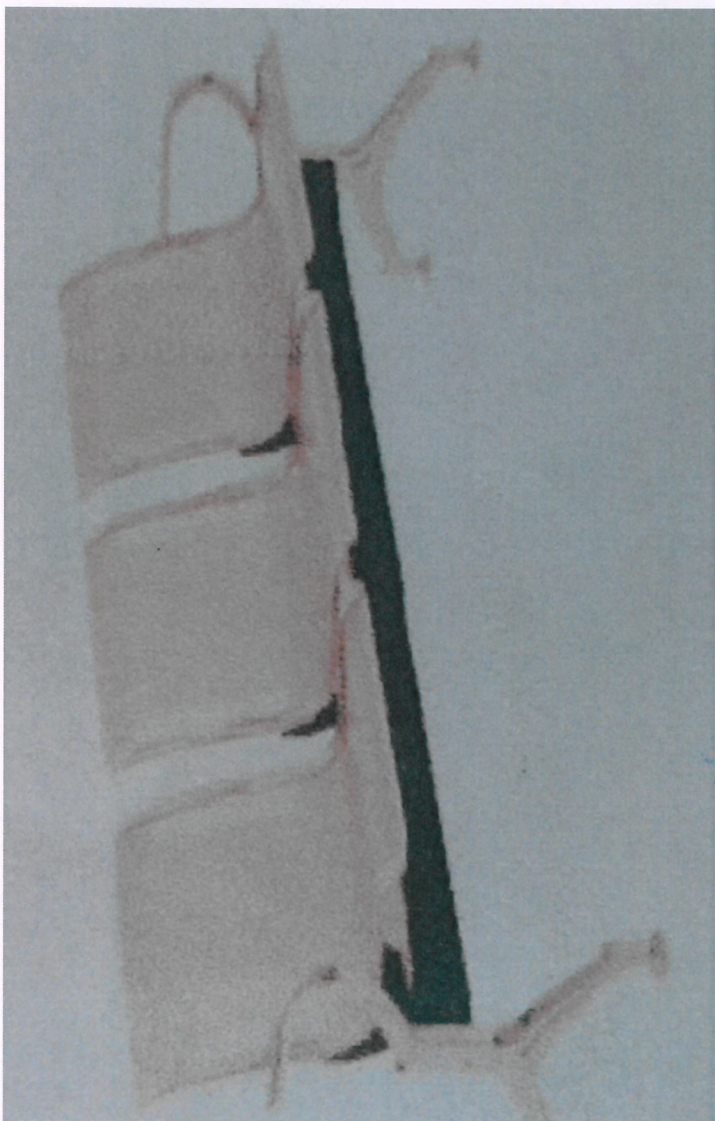
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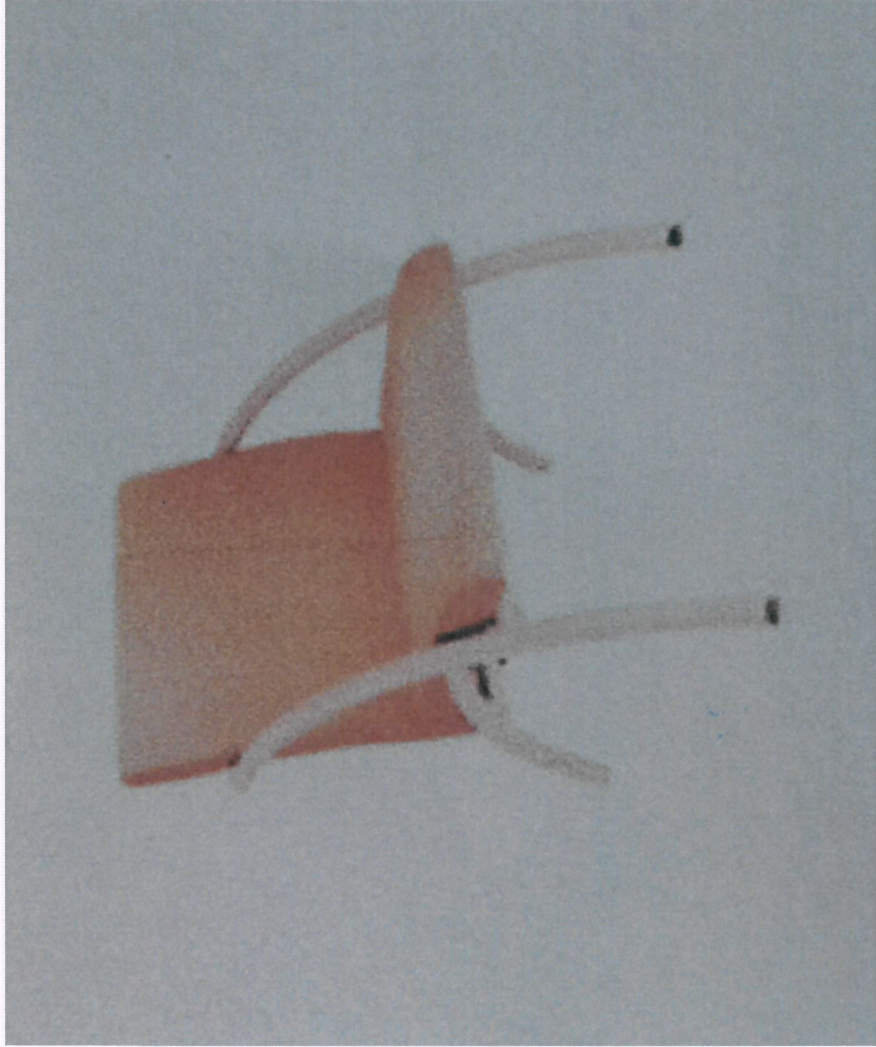


ITEM NO: 5

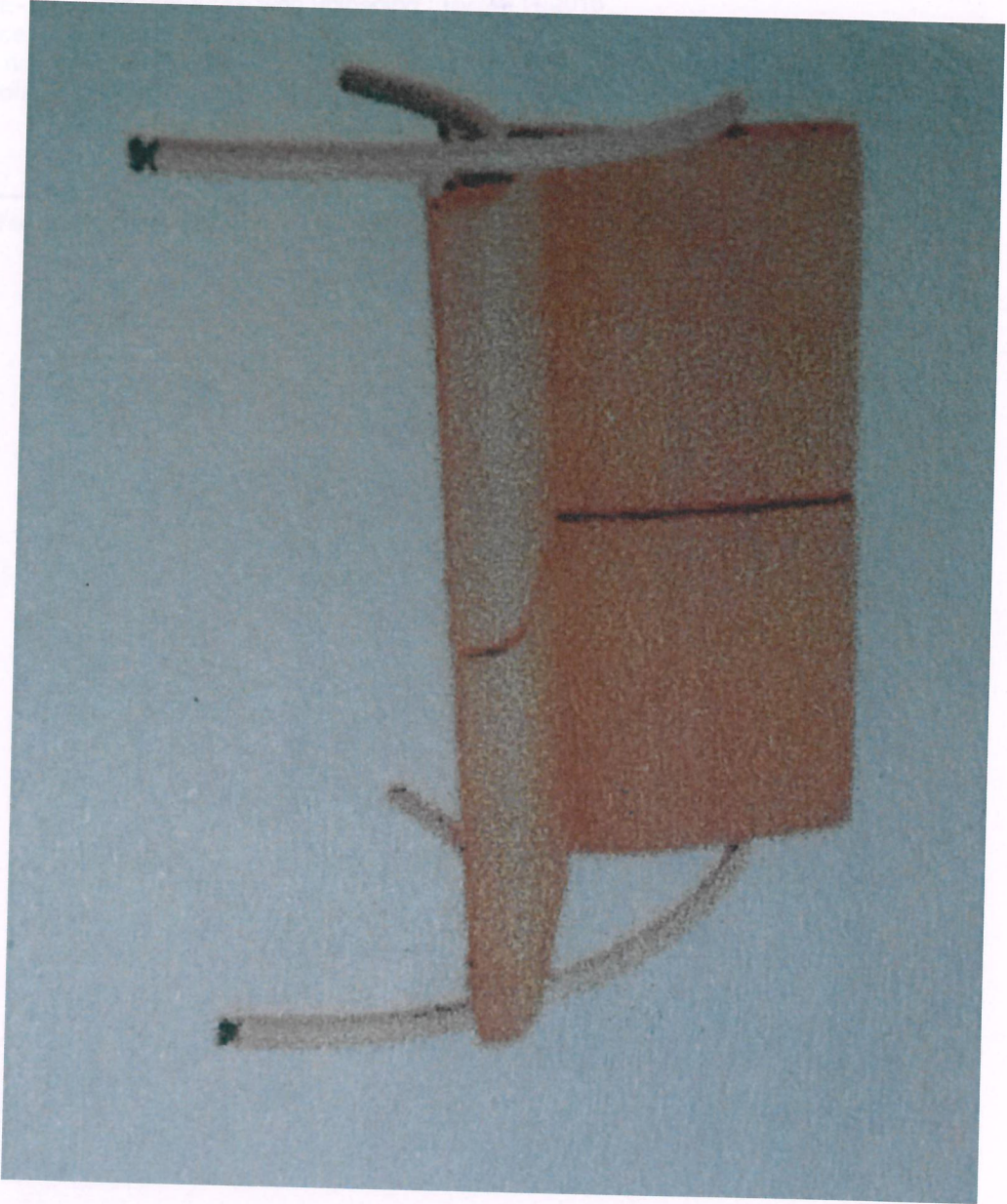
The chairs of item 5 will be replaced by SS round stools type.



ITEM : 6



ITEM: 7



ITEM: 8