



Indian Institute of Technology Madras
Chennai-600 036
Department of Civil Engineering

Ref No: Furniture/Tirupati

dated 17-04-2015

To

DUE DATE: **29-04-2015**

Sir/Madam,

1. On behalf of Indian Institute of Technology, Tirupati, Quotations are invited **for supply of 2 seater Desk-cum-Benches, Steel cots, study tables, metal chairs confirming to the specifications given in the Annexure.**
2. Instructions to the Bidder:
 - i. Preparation of Bids: The quotation should be submitted under the two-bid system (i.e) Technical Bid and Financial Bid in separate envelopes along with samples of the furniture.
 - ii. Prebid Meeting: 22nd April 2015 at 4 p.m. in BTCM Office, First Floor, Room No. 205, Department of Civil Engineering, Indian Institute of Technology, Chennai-600 036.
 - iii. Delivery of the quotation and samples: The quotation and samples shall be sent to the Convener, BTCM Office, Department of Civil Engineering, Indian Institute of Technology, Chennai-600 036 so as to reach on or before the due date of 29th April 2015, 3 pm.
 - iv. The quotation should be valid for 60 (Sixty days) from the due date.
 - v. Opening of the Quotation: The offer/Bids will be opened by the Exclusive Purchase Committee duly constituted for this purpose. The Technical bids will be opened and will be examined by the Technical Committee, which will decide the suitability of the bid as per the specifications and requirements, and sample quality. The Financial offers/bids will be opened only for the bidders who meet all technical requirements along with samples of furniture.
 - vi. The price should be quoted per unit, and packing and delivery charges should be indicated separately for each item. The offer/bid should be exclusive of taxes and duties, which will be paid by the purchaser as applicable. However, the percentage of tax and duties as on date should be clearly indicated.
 - vii. The price should be quoted without Customs duty and Excise duty, since IIT Madras exempt from payment of Excise duty and the Customs duty which will be paid at a concessional rate against duty exemption certificate.
3. Terms of Delivery: The item should be supplied to the Temporary Campus - IIT TIRUPATI on or before 30th June 2015

Yours sincerely


(CONVENER)

SCHEDULE

Important Conditions:

1. The due date for submission of the quotation is 29th April 2015 at 3 pm.
2. The offers/bids should be submitted in two bid systems, i.e. Technical bid and Financial bid. The Technical bid should consist of all technical details along with commercial terms and conditions. No prices should be included in the Technical bid. Financial bids should indicate item-wise prices for the items mentioned in the technical bid, as per the template. The Technical bid and the Financial bid should be put in separate covers and sealed. Both the sealed covers should be put into a bigger cover.
3. The offers/bids should be sent only for the furniture that is manufactured by the bidder and that has already been supplied to a number of customers. A list of customers in India with details for contacting them and possibly inspecting the furniture, must accompany the quotation.
4. Delivery Schedule: The quotation should indicate clearly when delivery and installation will be made, not later than 30th June 2015. In case there is any deviation in the delivery schedule, liquidated damages may be enforced or penalty for the delayed supply period may be levied.
5. Payment: No Advance payment will be made.
6. Warranty/Guarantee: The offer should clearly specify the warranty or guarantee period for the equipment.
7. Late offer: The quotations received after the due date will not be considered.
8. Acceptance and Rejection: IIT Madras has the right to accept the whole or any part of the Quotation or portion of the quantity offered or reject it in full without assigning any reasons.



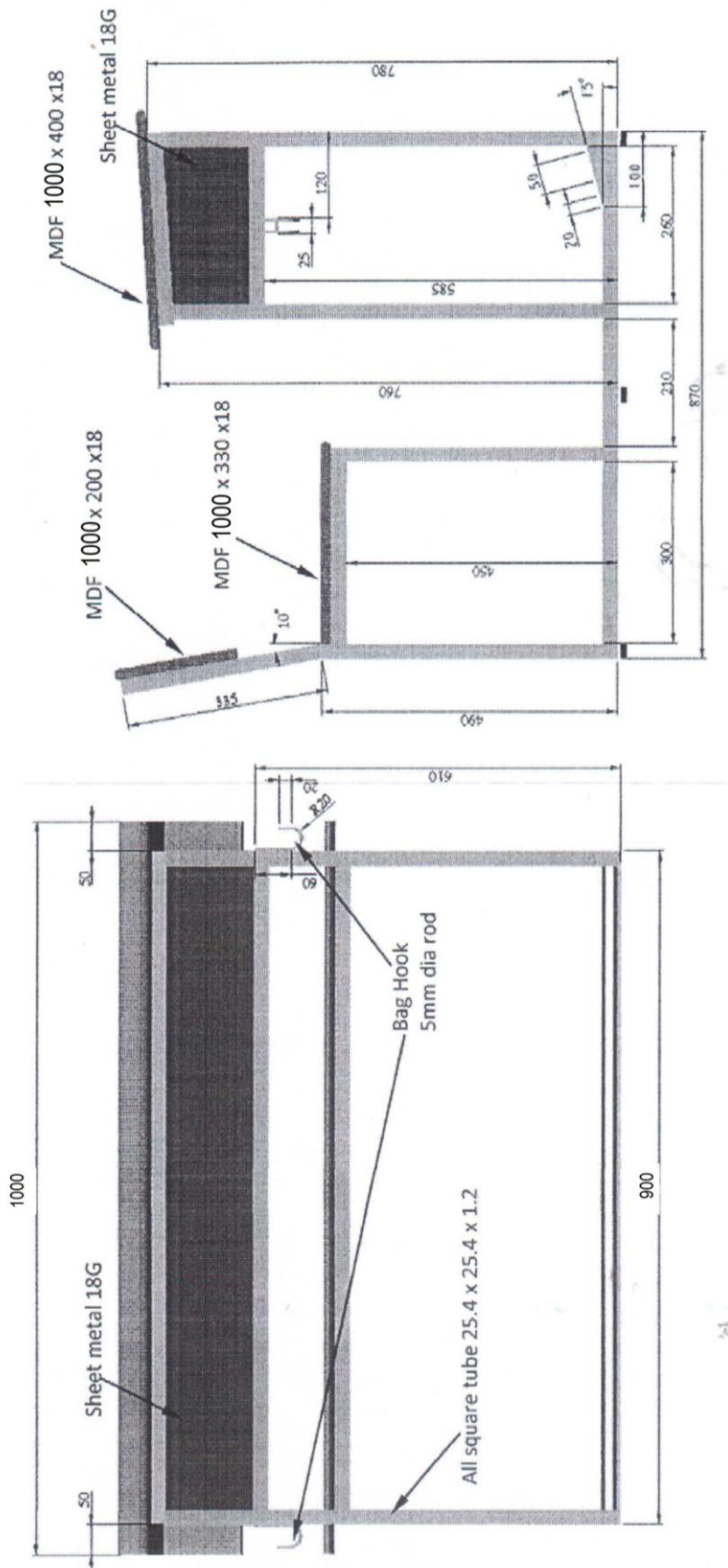
SIGNATURE OF THE CONVENER

TECHNICAL SPECIFICATIONS - Classrooms

2 seater Desk-cum-Bench (as per drawing)-160 Nos

- Ergonomically Designed Integrated two seater with desk. The bench and desk should have rigid steel frame 18G; manufacturers preferred are T.I, Tata and Apollo. The rigid steel frame should be perfectly fixed with seating and desk top.
- Durable laminated top, seat & back with rounded edges for safety (post-formed laminate).The desk seating & back is to be made of high quality 18mm thick: MDF, Plywood or Rubber wood (manufacturers to be specified in the technical bid).
NOTE: Options considered in the bid to be provided as samples for the same furniture.
- All MDF to be have molded edges and other edges should be PVC taped. The preferred color of the MDF should be 'cherry'.
- Provision should be made for shelf / storage in perforated metal 20 G for storing a few books at the bottom of the seat .
- All steel tube ends should be closed using steel welding. All welds should be ground & finished.
- All the steel parts should be powder coated with 'Basalt Grey tex' color.
- All bushes/levelers of high quality nylon or other approved material. Also should be with high impact resistance & vibration resistance.
- The specifications of materials used should be provided as per drawing. Better value elements can be added to the furniture sample, subject to the design being accepted.
- The samples should be delivered within ten days which will be tested for strength, breakage, quality of materials & adherence to specifications mentioned.
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2 seater Desk-cum-Bench 160 Nos

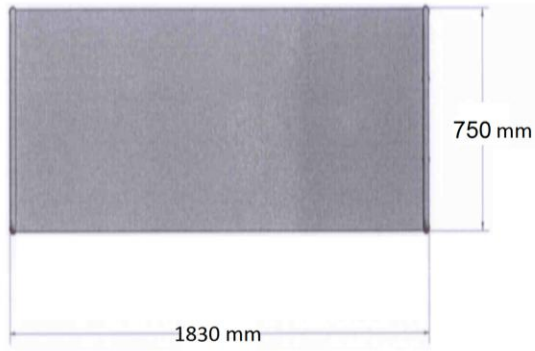


TECHNICAL SPECIFICATIONS - Hostels

1. Steel Single Cot -1830mm x 750mm x 500mm (as per drawing) 130 Nos.

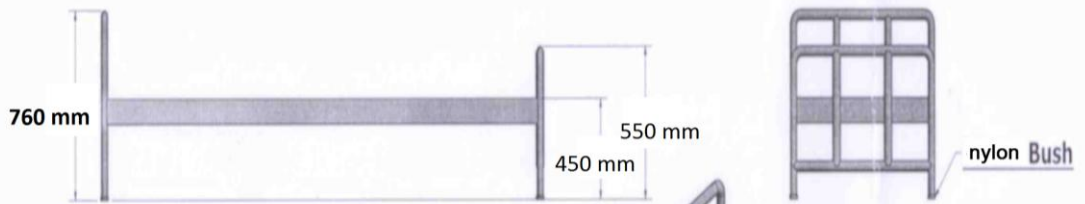
- The top horizontal platform with 14G sheet and square frame with CRC steel pipes of 1 inch with thickness 18G steel.
- The rigid steel frame should be perfectly fixed/welded to the horizontal base.
- All the welding should be done using electro-welding process only.
- The overall weight of the cot should not be less than 37 kg.
- The horizontal base should be stiffened with appropriate longitudinal stiffeners (preferably 3-4 "V-Shape sheet") using arc welding technique & lateral stiffeners (preferably 2-3 steel pipes) to be provided under the horizontal base.
- The horizontal base should have an edge molding (50mm) with a plate inside.
- All steel components need to be given acid wash, anticorrosive treatment prior to powder coating. Preferred manufacturers of steel are T.I, TATA, APPOLO.
- All steel components should have powder coating of thickness greater than 60 µm.
- All bushes/levelers should be of high quality nylon or other approved material. Also should be with high impact resistance & vibration resistance.
- The specifications of materials used should be provided as per drawing. Better value elements can be added to the furniture sample, subject to the design being accepted.
- The samples should be delivered along with the technical bid, and will be tested for strength, breakage, quality of materials & adherence to specifications mentioned.

PLAN

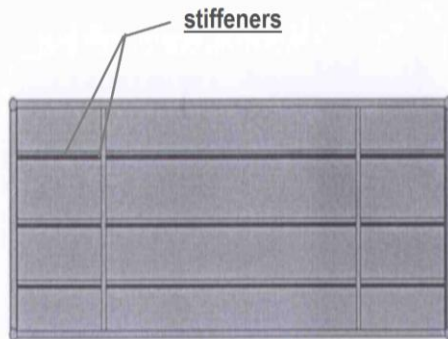


STEEL COT 130 nos.

SIDE



BOTTOM



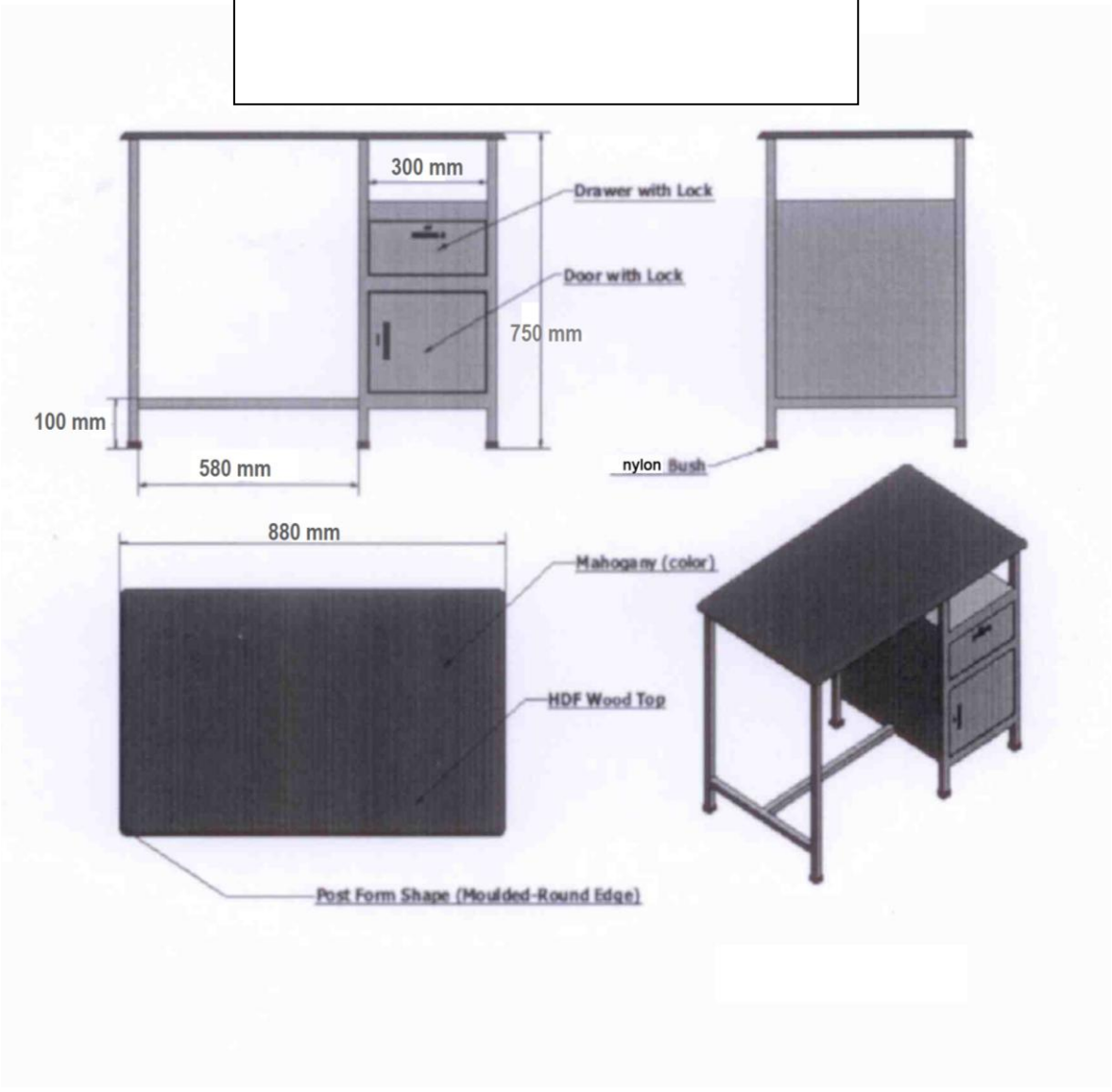
ISO VIEW



2. Study Table 130 Nos - 900mm x 590mm x 750mm (as per drawing)

- 1" Square pipe metal frame work 18 G thickness.
- The table top is to be made from high density compressed wood with smooth polished side on top & post-form shape at the front edge (rounded).
- A leg rest needs to be provided in steel.
- The thickness of high density compressed wood shall be 0.75 inches.
- All steel components need to be given acid wash, anticorrosive treatment prior to powder coating. Preferred manufacturers of steel are T.I, TATA, APPOLO.
- Provision for single drawer & cupboard with padlock provision in the right-side . All steel components need to be given acid wash, 5 stage anticorrosive treatment prior to powder coating
- All steel components should have powder coating of thickness greater than 60 µm.
- All bushes/levelers should be of high quality nylon or other approved material. Also should be with high impact resistance & vibration resistance.
- The specifications of materials used should be provided as per drawing. Better value elements can be added to the furniture sample, subject to the design being accepted.
- The samples should be delivered along with the technical bid, and will be tested for strength, breakage, quality of materials & adherence to specifications mentioned.

STUDY TABLE 130 nos.



4.Metal Perforated Chair without arm 130 Nos. (as per sample)

- Steel frame leg with 1" round CR pipe of thickness 10G.
- Outer diameter of the cross pipe/support pipe should be 0.25" (there should be 4 straight support & 2 curved supports).
- The perforated back rest should have curved steel plate & should be supported by 2 curved pipes.
- The seat & back rest should be made from perforated steel sheet with thickness 18G
- The perforated seat should have curvature for better comfort.
- All steel components need to be given acid wash, anticorrosive treatment prior to powder coating. Preferred manufacturers of steel are T.I, TATA, APPOLO.
- All steel components should have powder coating of thickness greater than 60 µm.
- All bushes/levelers should be of high quality nylon or other approved material. Also should be with high impact resistance & vibration resistance.
- The specifications of materials used should be provided as per drawing. Better value elements can be added to the furniture sample, subject to the design being accepted.
- The samples should be delivered along with the technical bid, and will be tested for strength, breakage, quality of materials & adherence to specifications mentioned.

Metal perforated chairs 130 nos.



Financial bid for furniture for the IIT Tirupati Temporary Campus

No.	Item	Nos.	Unit cost in Rs.
1a	2 Seater Desk-cum-Bench (1000mm x 870 mm x 780 mm) – Ergonomically Designed Integrated two seater with desk made from steel & MDF/PLY/RUBBER WOOD.	160	
1b	Packing, transportation, assembly and installation of 160 2 Seater Desk-cum-Bench (item1) in the IIT Tirupati Temporary Campus		
2a	Steel cot (1830mm x 750mm x 500mm) – Single cot made completely of steel with adequate stiffeners for support.	130	
2b	Packing, transportation, assembly and installation of 150 steel cots (item 2) in the IIT Tirupati Temporary Campus		
3a	Study table (900mm x 590mm x 750mm) – Study table made with a steel frame & a high density compressed wood top.	130	
3b	Packing, transportation, assembly and installation of 150 study tables (item 3) in the IIT Tirupati Temporary Campus		
4a	Metal perforated chairs(without arm rest) – Steel chair made with perforated steel plate.	130	
4b	Packing, transportation, assembly and installation of 150 metal perforated chairs(item 4) in the IIT Tirupati Temporary Campus		