बिहार सरकार

प्राचार्य का कार्यालय

मुजफ्फरपुर इंस्टीच्यूट ऑफ टेक्नोलौजी,

मुजफ्फरपुर – 842003

निविदा सं0: 217

अल्पावधि निविदा सूचना

राज्य के 19 जिलों यथा नवादा/औरंगाबाद/जहानाबाद/अरवल/कैमुर/भोजपुर/बक्सर/मुंगेर/लखीसराय/शेखपुरा/समस्तीपुर/मधुबनी/गोपालगंज/सीवान/अररिया/किशनगंज/शिवहर/पश्चिम चम्पारण/ खगड़िया में नवस्थापित राजकीय अभियंत्रण महाविद्यालयों में उपस्करों के क्रय हेतु निबंधित आपूर्तिकर्ताओं/अधिकृत विक्रेताओं से न्यूनतम दर पर मुहरबंद निविदा आमंत्रित की जाती है। सामान्य शर्तों की सूची संस्थान के website: www.mitmuzaffarpur.org पर उपलब्ध है। पूर्ण रूप से भरा हुआ निविदा प्रपत्र मुहरबंद लिफाफा में अधोहस्ताक्षरी के कार्यालय में निबंधित डाक/स्पीड पोस्ट/कुरियर द्वारा दिनांक 23.09.2019 अपराह्न 04:30 बजे तक एम.आई.टी., मुजफ्फरपुर में प्राप्त होना चाहिये। दो तकनीकी निविदा एवं एक वित्तीय निविदा अलग–अलग लिफाफों में रहना चाहिए। दोनों लिफाफों को एक सीलबंद बड़े लिफाफा में होना चाहिए। उक्त तिथि एवं समय के पश्चात् प्राप्त निविदा पर कोई विचार नहीं किया जायेगा। प्राचार्य को निविदा आंशिक अथवा पूर्ण रूप से स्वीकार करने अथवा न करने का अधिकार प्राप्त है। निविदादाता स्वयं अथवा उनके प्रतिनिधि उक्त निर्धारित तिथि एवं समय पर उपस्थित रह सकते हैं जिसके लिए अलग से कोई सूचना नहीं दी जाएगी। निविदा की कीमत 5000/– रू0 निर्धारित की गई है जो Principal, Muzaffarpur Institute of Technology, Muzaffarpur Payable at Muzaffarpur के नाम से जमा करना होगा। निविदादाता, निविदा के साथ में 100,000/– रू0 (एक लाख रू0) अग्रधन के रूप में बैंक ड्राफ्ट के साथ Principal, Muzaffarpur Institute of Technology, Muzaffarpur Payable at Muzaffarpur के नाम से जमा करना होगा। यह अग्रधन राशि निविदा के निर्णय होने के पश्चात् वापस किया जायेगा।

प्राचार्य

एम.आई.टी.,मुजफ्फरपुर।

PR.007296 (SCIENCE & TECH) 2019-20

भ्रष्टाचार से संबंधित शिकायत 0612–2217048 पर करें।

प्राचार्य का कार्यालय
मुजफ्फरपुर इंस्टीच्यूट ऑफ टेक्नोलौजी,
मुजफ्फरपुर – 842003

निविदा सं0: 217 मुजफ्फरपुर, दिनांक : 02/09/2019

अल्पावधि निविदा सूचना

राज्य के 19 जिलों यथा नवादा/औरंगाबाद/जहानाबाद/अरवल/कैमुर/भोजपुर/बक्सर/मुंगेर/लखीसराय/शेखपुरा/समस्तीपुर/मधुबनी/गोपालगंज/सीवान/अररिया/किशनगंज/शिवहर/पश्चिम चम्पारण/खगड़िया में नवस्थापित राजकीय अभियंत्रण महाविद्यालयों में उपस्करों के क्रय हेतु निबंधित आपूर्तिकर्ताओं/अधिकृत विक्रेताओं से न्यूनतम दर पर मुहरबंद निविदा आमंत्रित की जाती है। सामान्य शर्तों की सूची संस्थान के website: www.mitmuzaffarpur.org पर उपलब्ध है। पूर्ण रूप से भरा हुआ निविदा प्रपत्र मुहरबंद लिफाफा में अधोहस्ताक्षरी के कार्यालय में निबंधित डाक/स्पीड पोस्ट/कुरियर द्वारा दिनांक 23.09.2019 अपराह्न 04:30 बजे तक एम.आई.टी., मुजफ्फरपुर में प्राप्त होना चाहिये। दो तकनीकी निविदा एवं एक वित्तीय निविदा अलग–अलग लिफाफों में रहना चाहिए। दोनों लिफाफों को एक सीलबंद बड़े लिफाफा में होना चाहिए। उक्त तिथि एवं समय के पश्चात् प्राप्त निविदा पर कोई विचार नहीं किया जायेगा। प्राचार्य को निविदा आंशिक अथवा पूर्ण रूप से स्वीकार करने अथवा न करने का अधिकार प्राप्त है। निविदादाता स्वयं अथवा उनके प्रतिनिधि उक्त निर्धारित तिथि एवं समय पर उपस्थित रह सकते हैं जिसके लिए अलग से कोई सूचना नहीं दी जाएगी। निविदा की कीमत 5000/– रू0 निर्धारित की गई है जो Principal, Muzaffarpur Institute of Technology, Muzaffarpur Payable at Muzaffarpur के नाम से जमा करना होगा। निविदादाता, निविदा के साथ में 100,000/– रू0 (एक लाख रू0) अग्रधन के रूप में बैंक ड्राफ्ट के साथ Principal, Muzaffarpur Institute of Technology, Muzaffarpur Payable at Muzaffarpur के नाम से जमा करना होगा। यह अग्रधन राशि निविदा के निर्णय होने के पश्चात् वापस किया जायेगा।

प्राचार्य
एम.आई.टी.,मुजफ्फरपुर।

Department of Science & Technology

Muzaffarpur Institute of Technology Muzaffarpur

Tender Document

For

Supply of Furniture for 19 new established engg. colleges

Principal
M.I.T. Muzaffarpur

IMPORTANT INFORMATION

1. Non-Refundable Tender Cost:
   Rs. 5000/- (Five Thousand Only) through demand draft from a Bank, drawn in favour of "**Principal, Muzaffarpur Institute of Technology, Muzaffarpur**" Payable at "**Muzaffarpur".**

2. EMD:
   Rs.100000/- (One lac Only) in the form of demand Draft from a nationalized bank in favour of **"Principal, Muzaffarpur Institute of Technology, Muzaffarpur"** Payable at "**Muzaffarpur".**

3. Last Date of Submission of Tender Documents:

   23/09/2019 in the office of the **Principal, Muzaffarpur Institute of Technology, Muzaffarpur**.

4. Opening date of Technical Bid is 25th September 2019.

5. The bidders who have qualified in technical bid in the meeting of purchase committee on 25th September 2019 will have to display sample of each item at Tara Mandal, Patna on 27th September 2019 during technical bid evaluation.

6. Address for Correspondence and Clarification

Principal
M.I.T. Muzaffarpur
E-Mail. –principal@mitmuzaffarpur.org

Part. I- Technical Bid

A. PLEASE NOTE THE FOLLOWING TERMS AND CONDITIONS FURNITURE

1. The bidder need to submit DD of **Rs. 100,000/-** (One Lac only) in favour of **"Principal Muzaffarpur Institute of Technology, Muzaffarpur''** Payable at **Muzaffarpur** along with the Technical Bid otherwise their tender will be rejected.
2. The tender will be opened on scheduled date and time as notified with tender document or separate notification on college website www.mitmuzaffarpur.org. The bidder or their authorized representative (with proof) may be present during opening of the tender. Absence of bidder or their authorized representatives will not be a cause for rejection or non-validation of tender process.
3. Tender received after due date and time will not be entertained under any circumstances.
4. Only Original Manufacturer or Authorized Dealer for last 3 consecutive years can participate in the bidding: Name of the manufacturer/Mark/Brand should be mentioned in each item no facilitator cannot participate in the bidding process. Any bidder who has been given supply order cannot outsource the order to some agency/manufacturer.
5. Test report of material used in each item should be produced.
6. Experience of supplying items since 02 years at renowned Engg. College/ NITs/IITs/Universities of repute should be preferred. The bidder must have one single order of at least 1 crore for the firm which is taking part in bidding. Order for sister concern will not be taken into account.
7. The tender must include complete detailed specifications supported by printed Literature of the equipment.
8. The rate quoted should be F.O.R to destination inclusive of all taxes, installation, commissioning and successful demonstration of the items supplied (wherever applicable)
9. After installation and commissioning the agreed payment will be released.
10. Any request for alternation / correction in the specification and price in the tender document will not be entertained, once submitted.
11. Payment will be released only after delivery, verification of specification and successful installation and commissioning at the institute.
12. Any kind of defect in items or deviation from the specification (if detected and reported) should be replaced immediately.
13. **Muzaffarpur Institute of Technology, Muzaffarpur** reserves the rights to select entire or the part items of the package on recommendation of the purchase committee.

14. **Muzaffarpur Institute of Technology, Muzaffarpur** reserves the rights to accept the lowest or any tender and of rejecting all or any tender without assigning any reason for the same.
15. Request for the supply of any substitute for any items or equipment other than mentioned in the tender, will not be entertained.
16. The entire dispute with regard to the contract of purchase of equipment etc. will be subject to Legal jurisdiction of Muzaffarpur only.
17. Manufacturer of the furniture will be required to furnish a certificate to the effect that they are manufacturer of such make and Dealers will have to furnish a certificate issued by the manufacture certifying that M/S such & such is the dealer under brand name of furniture. Without this certificate the tender will not be accepted. The manufacturer should be ISO – 9001/ISO – 14001/50001/45001. Other certification required is Green Card certification. BIFMA or equivalent certificate should be produced.
18. The company should have the following conditions:
    - I. Audit balance sheet for last two consecutive financial years and the turn over should be at least 3 Crores per annum for previous three consecutive financial years.
    - II. Income tax return in name of organization/firm who is taking part in bidding for last three Financial Assessment years.
    - III. Company PAN No.
    - IV. Copy of GST Registration Certificate & Latest Paid Challan.
    - V. Copy of authorization letter from original manufacturers.
    - VI. Technical Literatures and specifications of all the products being quoted.
    - VII. A affidavit regarding that the firm is not blacklisted by state Government/Central Government.
    - VIII. Affidavit regarding 12 months on sight warranty at the institute should be produced.
    - IX. Evaluation of quality of item will be done in the given format and if the overall quality index of a particular item is coming good or above, that very item will only be considered for technical bid. (Format is attached)
    - X. Once the supply order is given, the concerned bidder will have to supply 15 days from the date of issue of purchase order. Written undertaking shall be given, which will be a part of technical evaluation.
    - XI. All the technical bid must consist of subject index with page numbering.
    - XII. Two set of sealed technical bid should be submitted, out of which one will be kept sealed, and can be open only in case of any dispute.
    - XIII. Draft of tender fee & EMD should be kept in separate envelope.
    - XIV. Price will be valid for 6 months.

19. The tender should bear all the transportation & insurance risk till delivery point.
20. The tender will have to quote tender in serial order as in the tender Document without modifying/ tempering the specification mentioned therein, however for sake of clarity further add-on specification, if any can be mentioned in separate column.
21. **Muzaffarpur Institute of Technology, Muzaffarpur** will have right to add/ alter any terms and conditions as per existing financial/ treasury rules and provisions applicable in the Bihar state if it has not been include/ addressed in the terms and conditions
22. A certificate should be attached that materials/furniture supplied is ISI marks.
23. Tender must quote BOQ no./ Money Receipt No. at the top of the Envelope.
24. Purchase committee reserve the right to change the terms & condition for Furniture, if situation so arises.
25. Technical bid consists of two parts :-
    a. First part is paper work that will be decided in purchase committee meeting on 25th September 2019 to be held on MIT, Muzaffarpur.
    b. Second part is based on the meeting held on 25th September 2019, the bidder who has qualified in the technical bid on 25th September will have to display each item before the purchase committee at Tara Mandal, Patna on 27th September 2019.

Part- II Financial Bid: It must contain the following

Rates per unit must be inclusive of Freight, Taxes and duties, and Transportation charge etc.

i. The bidder is required to fill all the two parts of the documents in the separate sealed Envelopes, which should be super, subscribe as "TECHNICAL BID"- For supply of furniture and "FINANCIAL BID" – for supply of furniture. The two envelop should be kept in an another separate sealed envelope superscript as "**Tender for supply of furniture''** on the top

The financial bid should be addressed to

Principal
M.I.T. Muzaffarpur

All the envelopes must show the name of the supplier, address and contact numbers clearly.

Purchase/ Rate Contract

TENDER FORM

1	Name of Bidder				
2	Name & Designation of Authorized Signatory				
3	Registered Office Address				
4	Year of Establishment				
5	Type of Firm	Public Limited	Private Limited	Partnership	Proprietary
	Put Tick () Mark				
6	Telephone No (s) Mobile				
7	Website				
8	Fax No.				
9	Email Address				

4. The Tender fee amounting to Rs. 5000/-(Rupees Five Thousand only) has been deposited vide DD No.…… Dated……..

5. we agree to abide by all the conditions mentioned in this Tender Document issued by the Tending authority and also the further condition of the said Tender Notice given in the attached sheets (all the pages of which have been signed by us in token of acceptance of the terms mentioned therein)

6. Reproduced/re-word- processed formats or own tender for the price quotations will disqualify the tender.

7. Details of Earnest money deposited in respect of various schedule

Sl.	**Instrument of Earnest money deposited**	**Cheque/DD Number**	**Dated**
1.	Cash/FD/DD/Banker's		

8. Tax clearance certificate:

	CGST	**SGST**	**ENTRY TAX**	**ANY OTHER**
Whether tax clearance certificate enclosed (Yes/No)				

1. Schedule- wise items for which the bidder has submitted tender
   Dated :
   Name/Scale of the bidder:
   List of Furniture:

Quality Index

Name of the Firm :-

Sl No.	Item	Parameters	Points (Maximum 60)
1	Dual Desk	1. Overall Dimension-	
		2. Material Finish-	
		3. Paint Quality-	
		4. Certification -	
		5. Material Grade-	
		6.Strength	
		Average	
2	Chair without arm	1. Overall Dimension-	
		2. Material Finish-	
		3. Paint Quality-	
		4. Certification -	
		5. Material Grade-	
		6.Strength	
		Average	
3	Armed Chair	1. Overall Dimension-	
		2. Material Finish-	
		3. Paint Quality-	
		4. Certification -	
		5. Material Grade-	
		6.Strength	
		Average	
4	Table	1. Overall Dimension-	
		2. Material Finish-	
		3. Paint Quality-	
		4. Certification -	
		5. Material Grade-	
		6.Strength	
		Average	
5	Steel Almirah	1. Overall Dimension-	
		2. Material Finish-	
		3. Paint Quality-	
		4. Certification -	
		5. Material Grade-	
		6.Strength	
		Average	
6	Glassdoor Storwel	1. Overall Dimension-	
		2. Material Finish-	
		3. Paint Quality-	
		4. Certification -	
		5. Material Grade-	
		6.Strength	
		Average	
7	Computer Table	1. Overall Dimension-	
		2. Material Finish-	
		3. Paint Quality-	
		4. Certification -	
		5. Material Grade-	
		6.Strength	
		Average	

8	**Computer Chair**	**1. Overall Dimension-**	
		2. Material Finish-	
		3. Paint Quality-	
		4. Certification -	
		5. Material Grade-	
		6.Strength	
		Average	
9	**Table for Principal**	**1. Overall Dimension-**	
		2. Material Finish-	
		3. Paint Quality-	
		4. Certification -	
		5. Material Grade-	
		6.Strength	
		Average	
10	**Chair for Principal**	**1. Overall Dimension-**	
		2. Material Finish-	
		3. Paint Quality-	
		4. Certification -	
		5. Material Grade-	
		6.Strength	
		Average	
11	**Chair for Principal Chamber**	**1. Overall Dimension-**	
		2. Material Finish-	
		3. Paint Quality-	
		4. Certification -	
		5. Material Grade-	
		6.Strength	
		Average	
12	**Three seater Chair**	**1. Overall Dimension-**	
		2. Material Finish-	
		3. Paint Quality-	
		4. Certification -	
		5. Material Grade-	
		6.Strength	
		Average	
13	**Table For Lab**	**1. Overall Dimension-**	
		2. Material Finish-	
		3. Paint Quality-	
		4. Certification -	
		5. Material Grade-	
		6.Strength	
		Average	
14	**Reagent Racks for Lab Table**	**1. Overall Dimension-**	
		2. Material Finish-	
		3. Paint Quality-	
		4. Certification -	
		5. Material Grade-	
		6.Strength	
		Average	

15	Sink Assembly with water tap for Lab Table	1. Overall Dimension-	
		2. Material Finish-	
		3. Paint Quality-	
		4. Certification -	
		5. Material Grade-	
		6.Strength	
		Average	
16	Hostel Bed	1. Overall Dimension-	
		2. Material Finish-	
		3. Paint Quality-	
		4. Certification -	
		5. Material Grade-	
		6.Strength	
		Average	
17	Study Table	1. Overall Dimension-	
		2. Material Finish-	
		3. Paint Quality-	
		4. Certification -	
		5. Material Grade-	
		6.Strength	
		Average	
18	Study Chair	1. Overall Dimension-	
		2. Material Finish-	
		3. Paint Quality-	
		4. Certification -	
		5. Material Grade-	
		6.Strength	
		Average	
19	Dining Table (1200W X 750D) for 4 students	1. Overall Dimension-	
		2. Material Finish-	
		3. Paint Quality-	
		4. Certification -	
		5. Material Grade-	
		6.Strength	
		Average	
20	Dining Chair SS U/S	1. Overall Dimension-	
		2. Material Finish-	
		3. Paint Quality-	
		4. Certification -	
		5. Material Grade-	
		6.Strength	
		Average	
21	Common Room Chair 3 Seater	1. Overall Dimension-	
		2. Material Finish-	
		3. Paint Quality-	
		4. Certification -	
		5. Material Grade-	
		6.Strength	
		Average	

22	Drawing Table with Drawing Board	1. Overall Dimension-	
		2. Material Finish-	
		3. Paint Quality-	
		4. Certification -	
		5. Material Grade-	
		6.Strength	
		Average	
23	Drawing Stool	1. Overall Dimension-	
		2. Material Finish-	
		3. Paint Quality-	
		4. Certification -	
		5. Material Grade-	
		6.Strength	
		Average	
24	Library Rack	1. Overall Dimension-	
		2. Material Finish-	
		3. Paint Quality-	
		4. Certification -	
		5. Material Grade-	
		6.Strength	
		Average	
25	Library Study Table	1. Overall Dimension-	
		2. Material Finish-	
		3. Paint Quality-	
		4. Certification -	
		5. Material Grade-	
		6.Strength	
		Average	
26	Podium	1. Overall Dimension-	
		2. Material Finish-	
		3. Paint Quality-	
		4. Certification -	
		5. Material Grade-	
		6.Strength	
		Average	
27	White Board	1. Overall Dimension-	
		2. Material Finish-	
		3. Paint Quality-	
		4. Certification -	
		5. Material Grade-	
		6.Strength	
		Average	

Muzaffarpur Institute of Technology, Muzaffarpur

List of Furniture with their Specifications

S.NO.	ITEM	SPECIFICATIONS	RATE PER UNIT
1	Dual Desk	Top Panel: 1048mm (L) x 378mm (W) x 18mm thk PLB Seat Panel: 1048mm (L) x 355mm (W) x 18mm thk PLB Back Panel: 1048mm (L) x 265mm (W) x 18mm thk PLT Bench Height: 750mm Seat Height: 437mm Leg Assembly: U/S MS SQ Tubes 25.4 x 1.2mm thk Tops (Desk panel Seat, Back): The panels are made from 18 mm thk Pre-Laminated Boards with PVC edge banding on all sides. Understructure: Made of 25.4 x 25.4 mm x1.2 mm thk powder coated ERW tubes at base which are welded to the desk and seat supports that are made of 1.0 mm thk powder coated MS 'C' sections. Stiffeners that are provided between the 2 vertical frames at base and back of seat are made from 25.4 x25.4 x1.2 mm thk powder coated ERW tubes. The tubes are closed with plastic caps. Additional horizontal supports of 1.5 mm thk powder coated MS 'C' sections are placed below the desk and seat to add to the rigidity of the structure. The storage shelves are made from 0.6 mm thk powder coated MS sheet which is affixed below the desk top. Hooks are provided on either sides of the vertical frame of the desk, for hanging bags/bottles. They are made from 6.0 mm dia MS rods. The understructure is assembled using M5 taptite screws. Level adjustors are provided to take care of unevenness in floor. Should be Green Guard Certifited.	
2	Chair without arm	SEAT/BACK ASSEMBLY: The seat / back are made up of 1.2 cm thick hot pressed plywood, upholstered with fabric and moulded Polyurethane foam together with moulded seat and back covers. The back foam is designed with contoured lumbar support for extra comfort. (MEDIUM BACK) SIZE: 50.0cm (W) X 49.0cm (H). SEAT SIZE: 50.0cm (W) X 46.5cm (D). POLYURETHANE FOAM: The Polyurethane foam is moulded with density = 45 +/-2 kg/m3 and Hardness = 20 +/- 2 on Hampden machine at 25% compression. TUBULAR FRAME : The tubular frame is cantilever type & made of Dia.2.54cm. (1") x 14 BG M.S. E.R.W. tube and black powder coated.	
3	Armed Chair	SEAT/BACK ASSEMBLY: The seat / back are made up of 1.2 cm thick hot pressed plywood, upholstered with fabric and moulded Polyurethane foam together with moulded seat and back covers. The back foam is designed with contoured lumbar support for extra comfort. (MEDIUM BACK) SIZE: 50.0cm. (W) X 49.0cm. (H). SEAT SIZE: 50.0cm. (W) X 46.0cm. (D). POLYURETHANE FOAM: The Polyurethane foam is moulded with density = 45 +/-2 kg/m3 and Hardness = 20 +/- 2 on Hampden machine at 25% compression. ARMRESTS: The one-piece armrests made of black integral skin polyurethane with 50-70 Shore 'A' Hardness and reinforced with M.S. insert. The armrests are scratch and weather resistant. The armrests	

		are fitted to the seat with seat/armrest connecting strip assembly made of 0.5cm. thk. HR steel.TUBULAR FRAME : The tubular frame is cantilever type & made of Dia.2.54cm. (1") x 14 BG M.S. E.R.W. tube and black powder coated.	
4	Table	Table Size in mm = 1200 X 600 X 750 having top made of 18 mm thick superior quality pre- laminated particle board of Grade II Type II conforming to IS:12823 of approved quality and shade. The edges of the table shall be banded with PVC strip 2 mm thick using hot melt glue under heat and pressure. The table top shall be supported by 1 mm thick M.S. 'C' frame stiffener of size 24.2 mm (W) x 38 mm (H). The table shall have 4 legs made of Electric Resistant Welded prime quality CRCA steel round tubular frame of Dia 25.4mm size and of 1.2mm thickness. The base of legs of the tables shall be covered with plastic caps. The table shall have one no. drawer units i.e right side drawer unit shall have three box drawers. And overall size of drawer 355 mm (W) x 560 mm (D) x 430 mm (H). The drawer unit shall be made of 0.8 mm thick CRCA sheet and drawer trays shall be made of 0.6 mm thick CRCA sheet. The drawers shall glide on frictionless slides of 1.2 mm thick CRCA sheet and shall have a multi purpose steel lock with handles built in place. The drawer units to have a mechanism to ensure only one drawer opens at a time. Both the drawers are fitted to 'C' frame by machine screws. Joints shall be interlocked and welded to render a flawless appearance. All steel parts shall be pretreated for seven stage anti-corrosion treatment followed by powder coating of thickness 50–55 microns complete as per drawing and as per directions of Engineer in charge. The steel tube shall conform to IS: 3601 – 1984, IS: 7138 – 1973 and IS: 4923 – 1985	
5	Steel Almirah	Almirah with Locker made of mild steel CR Sheet of Grade D as per IS-513 1994 of size 1980(H) x 915(W) x 485(D) MM multi bend construction & interlocking design and full length over lapping door and sides with full locker. Three-way bolting mechanism. Spot welding & CO2 welding Anticorrosion treated components, oven baked powder coating process. Material thickness 0.9mm Top, Bottom, LH & RH Sides and back material thickness 0.9mm, Removable LH & RH main door with stiffeners, material thickness 0.9mm. Two Adjustable shelves of thickness 0.8mm	
6	Book Case	PRODUCT SIZE : 916mm(W) x 486mm(D) x 1980mm#(H) #-Excluding Leveler. With 4 Glass windows in front doors for inside viewing. LOCKING & HANDLE : Brass handle & Two way locking mechanism with shooting bolt. SHELVING : Height wise adjustable shelf mounting. 4 Nos of adjustable full shelf. Box file A4 size (85Wx345Hx285D) can be stored vertically on three shelves and the clear space above fourth shelf is 240mm. FINISH : Epoxy Powder coated to the thickness of 50 microns (± 10)	

7	Computer Table	Material: Top 18 mm Melamine laminated Particle Board & rest 15 mm Paper laminated Particle board Hardware: screw, KD Fittings, Castors Construction: Knock down Load Bearing Capacity: 30 Kgs. Finish: Melamine laminated Top & rest Paper lamination Dimensions: W 900 X D 500 X H 750 1) detailed specifications i.e. type of material, type of lamination, thickness of paper lamination used, Top 18mm melamine face chipboard, others 15mm chipboard laminated with decorative paper 2) castor size, how many lockable and how many unlockable etc. Castor size: 40mm x 45mm, 2 lockable, 2 unlockable Specification: 18mm melamine table top with 4 sides 2mm PVC edging, the rest 15mm PU paper lamination	
8	Computer Chair	The seat and back are made up of 1.2 cm thick hot pressed plywood, upholstered with fabric and moulded Polyurethane foam with PVC lipping all around. BACK SIZE: 41.0cm. (W) X 46.0cm. (H) SEAT SIZE: 43.0cm. (W) X 41.0cm. (D) The Polyurethane foam is moulded with density = 45 +/-2 kgs. / M3 and Hardness = 20 +/- 2 on Hampden machine at 25% compression. The armrest is made of black integral skin polyurethane with 50-70 Shore A hardness and reinforced with MS insert. The P.U. armrest is fixed to black powder coated armrest bracket made of 0.5cm thk. H.R. Steel. The permanent contact mechanism is designed with the following features: 360° revolving type. 14° maximum back-tilt only. Upright position locking. Tilt tension adjustment. The pneumatic height adjustment has an adjustment stroke of 12.0 cm. The bellow is 3 piece telescopic type and injection moulded in black Polypropylene. The pedestal is 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 is 55.0cm. pitch-center dia. (65.0 cm with castors). The twin wheel castors are injection moulded in Black Nylon.	
9	Table for Principal	Main Desk with ERU & Pedestal made from - MAIN TOP - MDF + VENEER + PU Coating, Size: 1800 W * 900 D * 750 H, TOP THICKNESS – 65 mm. MODESTY- Size: 1640 X 600 X16 mm, MDF + Veneer + PU Coating. MOBILE PEDESTAL- MDF + Veneer + PU Coating, Size: 510W * 635H * 445D mm. ERU TOP - MDF + VENEER + PU Coating, Size: 1200W x 445D x 660H TOP THICKNESS – 25 mm. PU COATING HARDNESS 1.5H.	

10	Chair for Principal	High Back Chair of Over all size (in cm): 76.1W x 76.1D x 114.0-131.5H & 44.5-54.5SH Seat Assembly: The Cushioned Seat is made of Injection molded Plastic outer & inner. Plastic Inner is upholstered with pure Leather and moulded High Resilience (HR) Polyutherene foam of Density 45±2 Kg/m^3, and Hardness load 16±2 Kgf as per IS:7888 for 25% compression. Seat Size: 47.6cm W x 49.2cm D Back Assembly: The Cushioned Back is made of PU Foam with insitu molded MS E.R.W. Round Tube of Size 1.9±0.03 cm x 0.16±0.0128cm. It upholstered with pure Leather. Back Size: 47.5cm W x 77.0cm D Armrests: The armrest top is moulded from polyurethane (PU) upholstered in pure leather and mounted on to a drop lift adjustable type tubular armrest support made of ø3.81±0.03 cm x 0.2±0.01 cm thk M.S E.R.W tube having chrome plated finish. The armrest height adjustable up to 6.5±0.5 cm in 5 steps. Active Bio-Synchro Mechanism: The adjustable tilting mechanism is designed with the following features: 360^o revolving type, Front-pivot for tilt with feet resting on ground and continuous lumbar support ensuring more comfort, Tilt tension adjustment can be operated in seating position, 5- position Tilt limiter giving option of variable tilt angle to the chair, Seat/back tilting ration of 1:2 & The mechnism housing is made up of HPDC Aluminium black powder coated. Seat Depth Adjustment: Seat depth adjustment is integrated in the seat through a sliding mechanism. Seat depth adjustment range is of 6.0±0.5 cm. Adjustable Back Support: Back Frame is connected to the Up/Dn mechanism housed in Plastic T Spine. It can be adjusted in the range of 7.42±0.5 cm for the comfortable back support to suit individual need. Pneumatic Ht. Adjustment: The pneumatic height adjustment has an adjustment stroke of 10.0±0.3 cm. Pedestal Assembly: The pedestal is High Pressure Die cast polished Aluminium and fitted with 5 Nos. twin wheel castors. The pedestal is 65.0±0.5 cm pitch-center dia. (75.0±1.0 cm with castors) Twin Wheel Castrors: 5 Nos. twin wheel castors are injection moulded in plastic having 6.0±0.1 cm wheel Diameter and assembled to pedestal.	
11	Chair for Principal Chamber	Visitor Chair of Over all size (in cm): 60.9W x 64.7D x 98.2H & 46.2SH Seat Assembly: The Cushioned Seat is made of Injection molded Plastic outer & inner. Plastic Inner is upholstered with pure Leather and moulded High Resilience (HR) Polyutherene foam of Density 45±2 Kg/m^3, and Hardness load 16±2 Kgf as per IS:7888 for 25% compression. Seat Size: 47.6cm W x 49.2cm D Back Assembly: The Cushioned Back is made of PU Foam with insitu molded MS E.R.W. Round Tube of Size 1.9±0.03 cm x 0.16±0.0128cm. It upholstered with pure Leather. Back Size: 46.5cm W x 59.5cm D Tubular Frame: The tubular frame is cantilever type & made of ø2.54±0.03 cm x 0.2±0.016 cm thk S.S 202 tube. The back connected to frame through chrome plated high pressure die cast connector piece.	

12	Three Seater Chair	3Seating waiting Chair: Seat shell is welded assembly of seat back and side frame. Seat and back are made up of CR Steele sheet with oblong perforation. Welded assembly is powder coated Seat Size:478mm(W) X446 mm (D) Back Size: 416 mm (W)X230mm(H). Understructure assembly consisit of MS ERW oblong tube. Welded structure assembly is powder coated. Leg assembly should be fitted with shoe and leveler nylon.Armrest assemby should consist of armrest frame and armrest pad.	
13	Table for Lab	Practical Table of Size in mm: 3760L x 1520W x 900H approx. with Granite Top and Understorage of Shelf & Drawer made of Steel Frame Panels & Shutters having provision for fitting of accessories like Reagent Racks, Gas Valve, Sink and Water Tap. The steel frames, panels & shutters are made from Prime Quality CRCA Steel. All cabinet bodies are of over closing design with fully knock down construction and having a main and add on construction to avoid any gaps in between two units. All units have interlocking type construction to form a rigid integral structure. These units are supported on wide base high grade plastic legs of diameter 40 mm. These legs are height adjustable with a range of +/- 50 mm. Each unit has a locking facility with 180° and 10 lever cam lock mechanism. • Surface Treatment: The complete M.S. material to be pre–treated and epoxy powder coated. The thickness of powder coat to be 50 microns, which passes the test of Salt Spray for 1000hrs and having Scratch Hardness of 3Kgs. • Cabinet frame: Frame of 1.2mm horizontal stiffeners and 0.8mm vertical panel of CRCA MS sheet. • Cover panels: All panels 0.8mm thick CRCA MS sheet. • Shelves and Drawers: CRCA shelves have a load carrying capacity of 40kg per shelf and overall carrying capacity of 80kg of UDL of a cabinet. • Door Pulls: Pull should be SS steel (SS304) with D type construction. Flush pulls for sliding doors should be of PVC, providing a recessed finger grip. • Slides: High precision Double Extension Ball slides which enable the drawer to open fully with a 15kg load in the drawer. • Shutters: Metal Shutters are double walled and made up of 0.8mm thick CRCA MS sheet with profil inserts and 40-50 microns pure epoxy powder coated. • Legs: All Legs to be made of plastic with a load carrying capacity of 450 kg/each. All units to be on plastic legs for better clean ability of the lab area. Leg should be able take evenness of the floor. It should have at least 50mm adjustability. Storage Units: Storage unit with one drawer, one/ two shutters and one adjustable shelf.	

14	Reagent Racks for Lab Table	Double Sided 2 tier shelf of size 300mm (D) and 660mm (H) of 1 Main Unit - 1500mm (W) & 1 Addon Unit - 1500mm (W) made from Prime Quality CRCA Steel of 0.8mm thickness, pre- treated and epoxy powder coated. The thickness of powder coat to be 50 microns. Switches and Sockets for Reagent Racks – It should be made of High gloss virgin grade engineering thermoplastics to impart a defect free surface. It should also impart excellent electrical insulation properties i.e. should not melt on heating or catches fire. Owing to this all electrical switches and sockets should be capable of handling higher currents and operating temperatures. Front plates should be able to be changed at any time with ease without disturbing the wiring to quickly and economically match changes in the surroundings.	
15	Sink Assembly with Water Tap for Lab Table	Sink Assembly with Water Tap for each Practical Table It Contains Sinks and Accessories & Water Faucets. Ceramic Sink of Overall Size: 515 x 375 x 145 (mm) Bushing Nut for Ceramic Sink of Size: 1-1/4" x 1-1/2" (32 x 40) Waste Coupling for Ceramic Sink of size: 1 1/4" dia & 3" L Anti-Siphon bottle trap of Size: 38mm Flexible/ F Serated Connector of size: 38mm x Length = 1m and 3 Way Faucet Bench mounted 3 way water fittings with 8" swing gooseneck.	
16	Hostel Bed	Single Bed of size: 2060mm (W) x 915mm (D) x 650mm (H) x 400mm (Bed Stead Height) This dimension are product out to out dimension & variation ±1.0 cm are Normal. Bed Frame Assyembly: Bed Frame Assembly is a welded of side frame, Inner Slat. The side frame are made of Rect. Pipe 50.8 x 25.4 x 1.2 mm Thick MS, Inner Slats of SQ. Tube 19 x 1.0 MS ERW Tube IS : 7138 MS Sheet 1.0mm Thick. Head Board & Tail Board: Head Board & Tail Board are made up of SQ. Pipe 40.0 x 1.2 mm & SQ. Pipe 25 x 1.0 mm Thick MS ERW Tube IS : 7138 and Support Bracket 3.2mm Thick MS Sheet IS : 513 Head / Tail Board connected with bed frame with M8 Bolt. Finish: Epoxy Polyester Power Coated - Colour (as per work order) DFT - 40-60 Micron	
17	Study Table	Study Table of Over all Size: 600W x 500D x 760H mm Top Panel: Wooden top panel is made from 18mm thk Pre-laminated twin board with polypropylene injection molded edges. The panels have corners rounded for safety usage. The design of desk-top is such that there is provision for pen/pencil storage also. Understructure: All side metal frames and cross connectors are made from Mild steel ERW tubes, 40 x 20 x 02 mm thk (approx. 14 SWG) as per IS:7138 which are welded together. The Welded structures and cross connectors are coated with min 45 micron thickness of epoxy polyester coating. Shelf tray and desktop mounting brackets made of 2mm thk Mild steel sheet (as per 15:513) are welded to the understructure for fixing shelf tray and desktop respectively. Hooks are provided on the vertical side frames on both sides of the desk for hanging bags/bottles. They are made from Æ9 Mild steel rod (As per 15:432) and are welded to the main understructure.	

		Plastic Caps made of Polypropylene are provided on the foot rest side tubes and front leg tubes adding more aesthetic value to the product.	
18	Study Chair	Seat Back: Seat back is made of blow molded High-density polyethylene and is fixed on the understructure assembly with the help of Stainless steel pop rivets. Seat: Seat is made of blow molded High-density polyethylene and is fixed on the understructure assembly. Understructure: All side metal frames and cross connectors are made from Mild steel ERW tubes, 40 x 20 x 02mm Thk (approx. 14 SWG) as per IS:7 138 which are welded together. The Welded structures and cross connectors are coated with min 45 micron thickness of epoxy polyester coating. Bag storage tray made of Æ4 Mild steel rod (as per IS:432) forms a cage at the bottom and is welded to the main understructure. Seat support channel made of 1mm thk Mild steel sheet (as per IS:513) is welded to the understructure for fixing seat. Plastic Caps made of Polypropylene are provided on the foot rest side tubes and back leg tubes adding more aesthetic value to the product. Seat Size: 426W x 420D x 460H mm Back Rest Size: 473W x 311H & Back Rest Angle: 100°	
19	Dining Table 1200W x 750D (for 4 Student)	Table of over all size - 1180mm (W) x 750mm (D) x 750mm (H) Top: The top is in Stainless Steel brushed finish with PLB insert for durability. Easy to clean and maintain hygiene. Understructure: Side Frame Made from 30mm x 30mm x 1.5mm thick M.S Powder coated tubes at base which are welded and are fixed to top with screws. The bottom ends are closed with Plastic buffers. MS Shade : S/G Mettalic Dark Grey (Nerocoat - 9000626) Cross Member Made from 30mm x 30mm x 1.5mm thick M.S Powder coated tube, which is welded and bolted to side frames.	
20	Dining Chair SS U/S	Chair of over all size: 52.5cm (W) x 55.8cm (D) x 84.5cm (H) & 45.0cm (SH) Seat/Back: The Seat and Back are made up of injection moulded high impact Strenght Polypropylene polymer compound with indoor grade UV resistance (Refer Colour chart in product catalog) *Seat Size: 52.5cm (W) x 53.2cm (D) *Back Size: 51.6cm (W) x 40.5cm (H) S.S. Understructure: The tubular welded frame is made from Dia 2.22 ± 0.03 cm x 0.12 ± 0.0128 cm and 3.5 ± 0.03 cm x 1.5 ± 0.03 cm x 0.12 ± 0.0128 cm Stainless Steel 202 grade tube. The tubes are buff polished to give shiny finish. Shoe: The shoes are made of high impact strenght Polypropylene polymer compound with indoor grade UV resistance and pressed fitted with tubular frame. Armrest: The Armrest are made of high impact strenght Polypropylene polymer compound with indoor grade UV resistance and assembled over the tubular frame.	

21	Common Room Chair (3 Seater)	Overall Size of 3 Str Lounge Seating: 180W* x 68D x 78H# (cm) Height (H): 78# (+ 2 cm**). Individual Seat Width: 54 cm. Seat Height: 41 cm (Perfo Seat) (+2 cm**). Seat Back inclusive angle: 105°. Cross Beam: It is made of black powder-coated rectangular M.S. ERW tube having 80x40x2mm size. Leg and armrest: are chrome Plated made of cold rolled steel with 1.2 mm thickness. Armrest & Leg is assembled to the Cross Beam with 2 nos. M10 x 100 mm bolts. Seat-Back Shell: The 1.6 mm thk powder-coated perforated shell is made from cold rolled M.S. sheet. The Side Bar is made of Chrome plated solid steel 30 x 12 mm (DIN174) with fluting and plastic inserts. The Shell is assembled on the Cross Beam with help of M8 Bolts (Per Seat - 8 nos. Seat to Bracket and 4 nos. Bracket to Cross Beam). * Width considering Armrest out to out, Add 4 cm for overall width with Glides out to out. ** 2 cm adjustability at foot ## a) All dimensions are in cm unless specified. b) Component Tolerances = +/-0.5 cm and +/- 1 degrees	
22	Drawing Table with Drawing Board	Mode of Supply of modular table Assembled Ready to Use Storage Provided one side Number of storage unit single storage Length of Table Top ±10(mm) 900 Depth of Table Top±10(mm) 600 Height of Table Top±10(mm) 900 Width of the storage unit ±10(mm) 600 Depth of storage unit±10(mm) 485 Table Top material and thickness ±3mm 19mm thick Commercial Block Board BWP grade Conforming to IS 1659 Gable end and modesty panel material and thickness 18 mm thickness Flat single layer pre-laminated MDF board conforming to having designation PLMDF - 23 of IS 14587 Latest Number of buffers to be provided: 4 numbers at the bottom	

23	Drawing Stool	Cushioning in the stool Top: Without cushion Finish: Powder coated No of Legs in the under structure :4 Foot rest :Without Shape of stool top :Round Material of Top: Stainless Steel Covering material of cushion: NA Leg shoe Material: PVC Painting Powder coating: Density of Cushion (Kg/cub metre): NA Type of Stool: Revolving Material of Under Structure: MS Back rest: Without Adjustable Height: Yes Normal Height (mm): 600 Back rest height (mm): NA Min. Height (mm): 500 Diameter/Side length of Top (mm): 300 Thickness/Size of Under structure Frame (mm): 16 g Thickness of cushion (mm): NA Max. height (mm): 600 Stool Top base Thickness (mm): 0.8 Over all width/Diameter (mm): 400	
24	Library Rack	Type: CLOSED FROM SIDES AND BACK Number of Shelves: 7 MATERIAL Shelves Material: 1.0 mm Thick MS Sheet Conforming to Commercial Quality: CR-1, Grade 340 of IS 513 M S Sheet Thickness of Shelves and Back (Minimum) in mm: 1 Sides, Back and Partition Wall Thickness (Minimum) (mm) MS Sheet: 0.8 mm Angle Posts Material and size: Rolled steel angle posts of 40 X 40 X 3 mm DIMENSION Depth in mm (±5 mm): 500 Width in mm (±5 mm): 900 Height in mm (±5 mm): 2175 Bin Strip Height in mm (±1 mm): Not Provided Paint: Powder coated Colour: dove gray Packing: Bubble Sheet Packing No of Gussets: 8 Ground Clearance in mm (+/- 2 mm): 45 mm	
25	Library Study Table	Seating Capacity: 4 SEATER Shape of Table Top: Rectangular Wire Management: Without Type of Socket Box: No Socket Box Type of understructure: Leg type Number of Legs per Seat:2 Leg Top Attachment: Powder coated MS plate of thickness 3.0 mm Leg Bottom Attachment: Powder coated MS plate of thickness 8.0 mm Leg assembled together with guide at bottom: 8 mm thick MS sheet powder coated Modesty panel: YES Material of Table Top: Three Layer Prelaminated Particle Boards Of Grade-II Type-II Of IS:12823/Latest Material of Legs:50 mm x 50 mm made of 1.6 mm thick CRCA pipe duly	

		powder coated Material of Modesty Panel: metal perforated sheet Thickness of Metal Sheet / MDF Board used for modesty panel (in mm) +/- 5%: 1 mm Length in mm (Select NA in case of Round Table) ±10(mm): 1200 Width in mm (Diameter in case of Round Table)±10(mm): 900 Height in mm (±5 mm): 750 mm Thickness of Top ±2(mm): 25 millimeter Height of Modesty Panel ±5(mm): 600 COLOUR & FINISH Colour of Laminate: teak Packing Corrogeted : Paper Packing	
26	Podium	Mode of supply: Assembled Ready To Use Frame type: Free standing Understructure of podium: Gable end and modesty panel Storage: Open Storage Shelves: 2 - shelves Reading surface: Angled surface Top position: Fixed Paper stop: Yes Wire management: without Podium top Material: Three layer prelaminated particle board(Wood Product) of grade II type II of IS 12823/Latest Gable end and modesty panel material: Three Layer prelaminated particles board(wood product) of grade II type III of IS 12823/Latest Podium top long sides: To be post form half round profile with corner edge bending Podium top plain sides: Edge to be banded with PVC tape of 2mm thick with the help of hot melt glue Gable end and modesty panel plain side: Edge to be banded with PVC tape of 2mm thick with the help of hot melt glue Number of buffers provided: 4 Nos. at bottom DIMENSION Thickness of podium top ±2mm: 19 millimeter Thickness of gable end and modesty panel ±2mm: 19 millimeter Length of podium top ±10mm: 600 millimeter Depth of podium ±10mm: 500 millimeter Height of podium ±10mm: 1200 millimeter Presenter side height ± 10mm: 1100mm SHELVES Width of shelves ±10mm: 560mm Depth of shelves in mm (±10mm): 400mm COLOUR & FINISH Podium top finish: Laminate in colour with swede finish 0.6-0.8mm thickness of type S,F or P having index no.3.2.3 conforming to IS 2046/Latest with having balancing laminate of 0.5mm thick on other side	
27	White Board	Steel Writing Board for writing purpose shall be placed on Medium Density Fibre (MDF)Board with electrogalvanised backing steel sheet and frame of anodised extruded aluminium alloys hollow section. The board shall have all round framing of anodized extruded aluminium alloy hollow section Designation 63400 as per IS: 1285-2002 (Reaffirmed 2007), third revision or IS: 733-1983(REAFFIRMED 2006),third revision, with latest upto date amendments. The Frame section shall be front: 20mm, side: 16mm, wall thickness: 1.2mm. White board, 240cm x 120 cm, double-faced, magnetic.	