



Fakir Mohan University

Vyasa Vihar, Balasore, Odisha-756089

Website: www.fmuniversity.nic.in

No.FMU/OHEPEE/CoE/04/2023/ 3549

Date: 11-4-2023

Indicative Notice Inviting Tender

Sealed quotations are invited from interested Dealers/Suppliers/Manufacturers having valid GSTIN certificate, PAN card and authorized dealer certificate for supply of “**Lab Furniture & Fixtures**” to Fakir Mohan University, Balasore for the Center of Excellence under OHEPEE. The quotations completed in all respect should reach to the Office of the Registrar, F. M. University, Vyasa Vihar, Nuapadhi, Balasore-756089 by Regd. / Speed Post (Indian Post) on or before **Dt. 28.04.2023 by 4.00 PM**. The tender papers along with the details of specifications, terms and conditions are available in the University website www.fmuniversity.nic.in. The authority reserves the right to cancel any/all the quotation(s) without assigning any reasons thereof.

11/4/2023
Registrar

3549
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GENERAL TERMS AND CONDITIONS

1. Submission of quotation/ tender/ bid in Two Bid System

The Bid/ Tender/ Quotation shall be submitted in two-bid system, i.e., Technical Bid & Financial Bid. Technical and Financial bid of the quotation should be separately sealed in two envelopes and it must be clearly mentioned on the top of the envelopes as Cover-A (Technical Bid) and Cover-B (Financial Bid). Both the sealed envelopes (A & B) should then be put in one outer cover indicating thereon:

- i) Reference No. of Tender (in Capital letter on the top of the envelope):
- ii) Tender regarding (in Capital letter on the top of the envelope as **LAB FURNITURE & FIXTURE FOR CoE, F M UNIVERSITY, BALASORE**)
- iii) Due date for submission of Tender:
- iv) Name and Address of the firm:

The technical bids are to be opened by the Purchase Committee for evaluation. In the second stage the financial bids of only the technically acceptable offers be opened for further evaluation, scrutiny and ranking for awarding the Work Order/ Supply Order/ Contract.

1.1. Technical Bid Should Contain the Following Documents:

- 1) The detailed specifications of the Furniture & Fixture along with make and model with respect to the specification specified by the University (Annexure – II) should be submitted as per the format enclosed in Annexure I.**
- 2) The firm, desirous of quoting must have annual turnover of Rs.1.00 crore or more for the financial year 2022-23. A declaration in this regard should be submitted along with supporting documents. Bidder should submit a copy of Turnover and Profit & Loss Statement certified by a Chartered, Accountant / Auditor. The Bidder should not be having losses in any of the Last 3 Financial Years 2020-21, 2021-22& 2022-23. The bidder must produce a certificate from the company's CA to this effect. The documents certified by CA should mandatorily contain Unique Document Identification Number.
3. Technical Literature in support of the Materials.
4. Copy of Valid GSTIN Registration Certificate.
5. Copy of PAN.
6. Copy of Audited Balance Sheet for last 03 years.

7. The bidder should be Original Manufacturer or Authorized Dealer. Wherever authorized dealers are submitting the bid, it is necessary to submit authorization OEM/certificate along with the bid containing the OEM details like name, designation, address, e-mail ID and phone number (Bid Specific Authorization by OEM).
8. EMD @ 2% of quoted amount in the shape of Bank Draft drawn in favour of **F.M. University Development Fund-II** payable at Balasore with three-months validity.
9. Non-refundable tender fee of **Rs. 5000/-** in the shape of Bank Draft drawn in favour of **F.M. University Development Fund-II** payable at Balasore with three-months validity.
10. OEM must have similar work (Supply of office deskings / seating/ Modular work) experience with completion certificate from PSU/Central or State Govt. Dept. only.
11. Experience of having successfully completed similar works during the last one year ending for PSU/Central or State Government Institutions.
12. Experience of having successfully completed similar works during the last 1 year ending for PSU/Central or State Government.

1. Single order of 60% of Bid Value.
2. Two orders of 40% of Bid Value
3. Three Orders of 30% of Bid value.

Performed similar work at Industries / Private institutions /MNCs etc. shall not be considered.

13. Should meet the Quality management system as per ISO 9001:2015, ISO 14001:2015, and OHSAS18001:2007 or ISO 45001: 2018, BIFMA membership & IGBC Membership.
14. Certifying agencies of ISO should be listed with “NABCB” (“National Accreditation Board for Certifying Bodies”).
15. Quoted Furniture items should be GREEN PRO certified to protect quality of environment.
16. AIOTA-For Product Certification for Ergonomically Designed Products.
17. The Manufacturer self-declaration / affidavit stating that he/she is not banned/debarred or black listed by any Central/State Govt. of India/PSU/Organizations/Institutes in India or abroad.

18. This is a bunch bid so the bidder has to quote for all the items, single item quotation will not be acceptable.

1.2. Financial Bid Should Contain the Following Documents:

a) Total Price must include all admissible taxes including transportation charges, delivery and installation charges at the Centre of Excellence building of the University and clearance charges.

The University will make necessary payment in Indian currency only.

b) No conditional price will be taken into consideration. No escalation of the price in later stage is acceptable.

c) Warranty period details should be clearly mentioned

2. Other Terms and Conditions:

- i) The cost of the tender is **Rs. 5,000/- (Non-refundable).**
- ii) Submission of quotations without tender cost, EMD along with the Technical Bid and received after due date and time will be summarily rejected.
- iii) Liquidated damages for delayed supply: If vendor fails to deliver any of or all products or does not perform the services within the period specified in the contract, the buyer reserves the right to, without prejudice to its other remedies under the contract, deduct from the bill, a sum equivalent to 1% of the price of undelivered stores at the agreed price for each week to maximum limit of 10% of the value of stores so undelivered. Once maximum is reached, the buyer may consider termination of contract and forfeiture of bid security.
- iv) Assignment / Subcontracting /sublet: The Vendor shall not assign the order received, any rights under this agreement or to become due hereunder neither delegated nor subcontracted /sublet any obligations or work hereunder without the prior written consent of the buyer.
- v) OEM must have a service centre in Odisha/Bhubaneswar, undertaking mentioning the address of service centre on the company and provide Govt. certification from Municipal corporation / Shop and establishment.
- vi) The buyer reserves the right to accept/reject any/all bids without assigning any reasons thereof.
- vii) The quotations completed in all respect should reach to **the Office of the Registrar, Fakir Mohan University, Vysa Vihar, Balasore-756089 by Speed/Regd. Post**

- (Indian Post) only on or before Dt. 28.04.2023 by 4.00 PM.** The quotations received after due date or incomplete in any respect shall summarily be rejected. The tender papers will be opened on **Dt. 29.04.2023 at 11:30 AM** in the Office Chamber of the Registrar, Fakir Mohan University, Vyasa Vihar, Nuapadhi, Balasore-756089. The quotationers or their authorized representatives may remain present during the opening of the tender papers.
- viii) The price should be quoted in the Indian currency only.
 - ix) The bid should remain valid for a period of 180 days from the date of opening. In case your offer has a different validity period that should be clearly mentioned in the quotation.**
 - x) The successful bidders should supply & install the items within a period of 4-6 weeks from the issuing date of purchase order by the competent authority of Fakir Mohan University and shall be delivered to the Person concerned at the Centre of Excellence building of the University that will be mentioned in the supply order.
 - xi) The EMD of the successful bidders will be refunded after the supply and installation of the items, on completion of warranty period.
 - xii) The EMD of the unsuccessful bidders will be returned as such to the concerned quotationers immediately after finalization of the tenders by Regd. Post.
 - xiii) A warranty certificate for the period of minimum three years from the date of installation should be provided. Thus the basic price of all items should be quoted along with the warranty period covered.**
 - xiv) Inspection certificates of the furniture & fixture inspected by the qualified engineer of the manufacturer.
 - xv) During the warranty period or later whenever the firm is called upon to attend for the rectification of the defects/ faults in the consignments, the firm shall attend to the repair of furniture within 48-96 hours. They should render timely back up service whenever called upon. A certificate to that effect should be attached along with the invoice or delivery challan.
 - xvi) The invoices should be submitted in triplicate in the name of **“The Registrar, Fakir Mohan University, Vyasa Vihar, Balasore-756089”** for pass and payment. The payments will be made only after successful installation in the CoE Building

- supported with a certificate by the concerned member(s) of the Centre of Excellence (CoE).
- xvii) The University authority reserves the right to refuse payment in the event of unsuccessful installation and the non-submission of the installation certificates.
- xviii) The authority of the F.M. University, Balasore reserves the right to accept/ reject any part or all quotations; and also increase or decrease the number of individual items to be procured; or cancel the entire procurement process without assigning any reason thereof.
- xix) Once the rate is approved by the Purchase Committee and supply order is placed to the successful bidder and in the event of failure on the part of the bidder for supply of the items on any account, the authority reserves the right to forfeit the EMD.
- xx) The rates/ price should be quoted in Indian currency only and payment shall be made in Indian Currency. The price shall be inclusive of all taxes (Rate & Taxes should be mentioned separately), Transportation cost and Cost of Installation and Commissioning and clearance charges.
- xxi) Tolerance of all dimensions shall be allowed +/- 1% of the specified dimension.
- xxii) Manufacturing Facilities: The following machines must be installed in the unit premises
- Power Shearing Machine 8ft.
 - Turret punching machine
 - Power presses 2 nos. Minimum 10MT and 20MT
 - Mechanical / Hydraulic press brake 8ft.2 nos. Minimum.
 - 4 .MIG Welding Set
 - TIG Welding Set
 - Spot Welding Machine
 - Hydraulic/Mechanical (Power operated)-Pipe bending machine with complete set dies.
 - Dies, Punches, Jigs, Fixtures and tools for each item.
 - Panel Saw Machine, and Beam Saw Machine.
 - Post Forming Machine
 - Through feed edge banding machine.
 - Air compressor with Pneumatic tools for fixing fasteners, screws, etc.
 - Complete powder coating facility including 7 tanks surface pre-treatment plant.
 - Roller press / Heavy duty press for lamination.
 - Multi Boring Machine
 - Spindle moulds machine for producing wooden moulds.

Undertaking for the same shall be submitted by the bidder in the company letter head and certified by CA with no.

Note: Non availability of any of the above mentioned document/ unreadable document shall lead to disqualification of the bidder.

xxiii) Dispute, if any, with regard to the tender/ quotation shall be settled within the jurisdiction of Balasore Court, Odisha only.


11/4/2023

Registrar

Fakir Mohan University

Annexure I
(For Technical Bid)

1. Name of the Items:

i. Make:


ii. Model:



iii. Matching specifications and deviations



Parameters and specifications specified by the University	Matching parameters specified by the bidder	Remarks if any
1.		
2.		
3.		

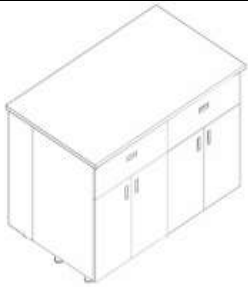
iv. Additional features not specified by the University


Detailed Specifications of the furniture for the CoE Building


Sr. No.	Item	Specification	Image for reference only
1.	Lab Table (1200Wx750Dx850H mm , 1-D & 2-S X1-no.)	<p>Overall size:- 1200 W±10X 750 D±10X 850 H1 ±10mm, Top made up of 19±2mm thick granite fixed with frame with the help of Neoprene, edges profile should be shaped & polished properly, Product as per given line diagram & Reference image only.</p> <p>STORAGE:- Overall Size 600WX570DX731H mm x 1-No. Storage should be below the table top, Storage made up of one drawer and two openable shutters Storage body made up in 0.8mm thick, Drawer facia & shutter made up in 1mm thick CRCA Sheet duly Powder Coated, with stainless steel handle and drawer move on sliding telescopic channel with locks.</p> <p>VERTICAL RACEWAY:- Raceway made up of 0.8mm thick CRCA sheet powder coated 150mm</p> <p>Under structure:- Top should be connected with stiffener pipe bottom of the top made up of CRCA 50X25X1.6mm. thick CRCA Pipe between each storages, under structure modesty panel made up of 0.8mm thick CRCA sheet duly powder coated, 38mm Metal powder coated legs with leveller given below the storage, Vertical leg made up of CRCA 50X25X1.6mm. cover (outer side) with 0.8mm thick CRCA sheet, complete structure should be supply in knock-down condition , assembly should be done with suitable nut & bolt and required fastener, all welding should be used CO₂ MIG welding to minimise rusting on welding area, complete structure should be free from all welding defects such as sharp edges, burr etc., all metal components should be pre-treated with zinc phosphating in minimum 7 tank process and the powder coated with epoxy polyester with approved shade, thickness of coating should be minimum 50 microns.</p>	


2	<p>Granite top + 1D & 2S x 4No OVERHEAD- Shutters x 4No</p>	<p>Overall size:- 3600W±10X750D±10X850 H ±10mm, Top made up of 19±2mm thick granite fixed with frame with the help of Neoprene, edges profile should be shaped & polished properly, Product as per given line diagram & Reference image only.</p> <p>STORAGE:- Overall Size 600WX570DX731H mm x (1-D +2-S) 4-No, Storage should be below the table top, Storage made up of one drawer and two openable shutters Storage body made up in 0.8mm thick ,Drawer facia & shutter are made up in 1mm thick CRCA Sheet duly Powder Coated, with stainless steel handle and drawer move on sliding telescopic channel with locks.</p> <p>OVERHEAD:- Overall Size 3600WX300DX600H mm, Overhead made up of 0.8mm thick CRCA sheet powder coated, two number of openable shutter & one number of shelf with Stainless steel handle, shutter with 3 to 4mm thick glass.</p> <p>VERTICAL RACEWAY- Raceway made up 0.8mm thick CRCA sheet powder coated 150mm.</p> <p>Under structure:- Top should be connected with stiffener pipe bottom of the top made up of CRCA 50X25X1.6mmCRCA Pipe between each storages, under structure modesty panel made up of 0.8mm thick CRCA sheet duly powder coated, 38mm round Metal powder coated legs with leveller given below the storage, Vertical leg made up of CRCA 50X25X1.6mm X 2-No. cover with 0.8mm thick CRCA sheet, complete structure should be supply in knock-down condition, assembly should be done with suitable nut & bolt and required fastener, all welding should be used CO₂ MIG welding to minimise rusting on welding area, complete structure should be free from all welding defects such as sharp edges, burr etc., all metal components should be pre-treated with zinc phosphating in minimum 7 tank process and the powder coated with epoxy polyester with approved shade, thickness of coating should be minimum 50 Microns.</p>	
3	<p>CABLETRAY</p>	<p>CABLETRAY:- Cable tray made up of 0.8mm thick CRCA sheet powder coated. Switch socket to be 15Ampere plug 5pin -2no & switch 6 Ampere- 2no provide on rack.</p>	
4	<p>BOOK CASE SIZE 840W x 310D x 1675H</p>	<p>Overall Size 840W x 310D x 1675H. Office Almira book case made of prime quality CRCA Ms Sheet Panels 0.8mm thick powder coated finish with approved</p>	



		<p>shade. Each shelf made of 0.8mm CRCA MS Sheet Powder Coated. Front shutter 1mm thick CRCA Ms Sheet Powder Coated. No sharp edges of Almirah ends. All Shelf Rack divided into equal parts. Transparent plain glass thickness shall be 4mm thick.</p> <p>Glass Shall Be Fitted in Additional Shutter Frame from Inside. Door Die cast Chrome Plated Handles Fitted with Washer & Double Nut Metallic Handles Two Nos On Each Shutter from Outside. Shutter Sliding On Ball Bearing Two Nos Each Door with Suitable Systems. Six Leaver Brass Piunger& Brass Lever Locks Of High Quality In Each Shutter Operated By One Key. Glass Size 660L x 280W. Almirah All Metallic Panels Screw with Nut & Bolt. All Metal Pieces Shall Be Welded Properly Strongly and conformity with regulations. CO₂ Welding Shall Be Used. All Metal Shall Be Coated After Being Treated With At Least Three Stages And Cleaned From Oil, Grease, Dust, And Other Dirt Using Special Thermal Control Coating For Metal Furniture To Form a Layer Of Base Coating Of (iron phosphating) (0.4 – 0.8) gm/m². Automatic Spray Coating Shall Be Applied to Be Followed By a Drying Process In a Thermal Furnace With Suitable Temperature And Time For The Process.</p>	
5	<p>8 DOOR INDUSTRIAL LOCKER</p>	<p>8-Door Industrial Locker Overall Size:- 915WX485DX1980H, Outer Body Shell made up of 0.8 mm thick CRCA , Shelf made up of 0.8mm thick CRCA, Door with air vents made up of 1mm thick CRCA , Legs made up of 0.8mm thick CRCA, Handle made up of PVC in black Colour , Index Pocket made up of 0.6 mm thick CRCA, Each compartment have separate Lock , handle and pad locking arrangement, all welding should be CO₂ MIG Welding to minimise rusting on welding area, Complete structure should be free from all welding defects such as sharp edges, burr etc, All metal components should be pre-treated with zinc phosphating in minimum 7 tank process and then powder coated with epoxy polyester with approved shade , Thickness of Coating should be minimum 50 Micron.</p>	



6 (B)	<p>Lab Table (1200WX750DX850H1 mm ,1-D & 2-S X 2-no.)</p>	<p>Overall size:- 1200 W±10X 750 D±10X 850 H1 ±10mm, Top made up of 19±2mm thick granite fixed with frame with the help of Neoprene, edges profile should be shaped & polished properly, Product as per given line diagram & Reference image only.</p> <p>STORAGE:- Overall Size 600WX570DX731H mm x 2-no. Storage should be below the table top , Storage made up of one drawer and two openable shutters Storage body made up in 0.8mm thick, Drawer facia & shutter made up in 1mm thick CRCA Sheet duly Powder Coated, with stainless steel handle and drawer move on sliding telescopic channel with locks.</p> <p>VERTICAL RACEWAY:- Raceway made up of 0.8mm thick CRCA sheet powder coated 150mm</p> <p>Under structure:- Top should be connected with stiffener pipe bottom of the top made up of CRCA 50X25X1.6mm thick CRCA Pipe between each storages, under structure modesty panel made up of 0.8mm thick CRCA sheet duly powder coated, 38mm Metal powder coated legs with leveller given below the storage, Vertical leg made up of CRCA 50X25X1.6mm cover (outer side) with 0.8mm thick CRCA sheet, complete structure should be supply in knock-down condition, assembly should be done with suitable nut & bolt and required fastener, all welding should be used CO₂ MIG welding to minimise rusting on welding area , complete structure should be free from all welding defects such as sharp edges, burr etc, all metal components should be pre-treated with zinc phosphating in minimum 7 tank process and the powder coated with epoxy polyester with approved shade, thickness of coating should be minimum 50 Microns .</p>	
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7	<p>Lab Table (1200WX750DX850H1 mm ,1-D & 2-S X 2-no. + Sink & Tap X 1-no.)</p>	<p>Overall size:- 1200 W±10X 750 D±10X 850 H1 ±10mm , Top made up of 19±2mm thick granite fixed with frame with the help of Neoprene , edges profile should be shaped & polished properly, Product as per given line diagram & Reference image only.</p> <p>STORAGE:- Overall Size 600WX570DX731H mm x 2-no. Storage should be below the table top , Storage made up of one drawer and two openable shutters Storage body made up in 0.8mm thick, Drawer facia & shutter made up in 1mm thick CRCA Sheet duly Powder Coated, with stainless steel handle and drawer move on sliding telescopic channel with locks.</p> <p>VERTICAL RACEWAY:- Raceway made up of 0.8mm thick CRCA sheet powder coated 150mm</p> <p>SINK:- 1-no. of Sink & tap, sink made up of polypropylene with sink outlet nipple complete with bottle trap and hose pipe, single way tap provide on top at the place of sink centre.</p> <p>Under structure:- Top should be connected with stiffener pipe bottom of the top made up of CRCA 50X25X1.6mm thick CRCA Pipe between each storages , under structure modesty panel made up of 0.8mm thick CRCA sheet duly powder coated, 38mm metal powder coated legs with leveller given below the storage, Vertical leg made up of CRCA 50X25X1.6mm cover (outer side) with 0.8mm thick CRCA sheet, complete structure should be supply in knock-down condition, assembly should be done with suitable nut & bolt and required fastener, all welding should be used CO₂ MIG welding to minimise rusting on welding area, complete structure should be free from all welding defects such as sharp edges, burr etc., all metal components should be pre-treated with zinc phosphating in minimum 7 tank process and the powder coated with epoxy polyester with approved shade, thickness of coating should be minimum 50 microns .</p>	
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8	<p>Lab Table (1200WX750DX850H mm , 1-D & 2-S X1-no.)</p>	<p>Overall size:- 1200 W±10X 750 D±10X 850 H1 ±10mm , Top made up of 19±2mm thick granite fixed with frame with the help of Neoprene , edges profile should be shaped & polished properly, Product as per given line diagram & Reference image only.</p> <p>STORAGE:- Overall Size 600WX570DX731H mm x 1-No. Storage should be below the table top , Storage made up of one drawer and two openable shutters Storage body made up in 0.8mm thick, Drawer facia & shutter made up in 1mm thick CRCA Sheet duly Powder Coated , with stainless steel handle and drawer move on sliding telescopic channel with locks.</p> <p>VERTICAL RACEWAY:- Raceway made up of 0.8mm thick CRCA sheet powder coated 150mm</p> <p>Under structure:- Top should be connected with stiffener pipe bottom of the top made up of CRCA 50X25X1.6mm. thick CRCA Pipe between each storages , under structure modesty panel made up of 0.8mm thick CRCA sheet duly powder coated, 38mm metal powder coated legs with leveller given below the storage, Vertical leg made up of CRCA 50X25X1.6mm. cover(outer side) with 0.8mm thick CRCA sheet, complete structure should be supply in knock-down condition, assembly should be done with suitable nut & bolt and required fastener, all welding should be used CO₂ MIG welding to minimise rusting on welding area, complete structure should be free from all welding defects such as sharp edges, burr etc., all metal components should be pre-treated with zinc phosphating in minimum 7 tank process and the powder coated with epoxy polyester with approved shade, thickness of coating should be minimum 50 microns .</p>	
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9	<p>Granite top + 1D & 2S x 4No</p> <p>OVERHEAD- Shutters x 4No</p>	<p>Overall size:- 3600W±10X750D±10X850 H ±10mm , Top made up of 19±2mm thick granite fixed with frame with the help of Neoprene , edges profile should be shaped & polished properly, Product as per given line diagram & Reference image only.</p> <p>STORAGE:- Overall Size 600WX570DX731H mm x (1-D +2-S) 4-No, Storage should be below the table top, Storage made up of one drawer and two openable shutters Storage body made up in 0.8mm thick, Drawer facia & shutter are made up in 1mm thick CRCA Sheet duly Powder Coated, with stainless steel handle and drawer move on sliding telescopic channel with locks.</p> <p>OVERHEAD:- Overall Size 3600WX300DX600H mm, Overhead made up of 0.8mm thick CRCA sheet powder coated, two number of openable shutter & one number of shelf with Stainless steel handle, shutter with 3 to 4mm thick glass .</p> <p>VERTICAL RACEWAY- Raceway made up 0.8mm thick CRCA sheet powder coated 150mm.</p> <p>Under structure:- Top should be connected with stiffener pipe bottom of the top made up of CRCA 50X25X1.6mm CRCA Pipe between each storages , under structure modesty panel made up of 0.8mm thick CRCA sheet duly powder coated , 38mm round Metal powder coated legs with leveller given below the storage , Vertical leg made up of CRCA 50X25X1.6mm X 2-No. cover with 0.8mm thick CRCA sheet , complete structure should be supply in knock-down condition , assembly should be done with suitable nut & bolt and required fastener , all welding should be used CO₂ MIG welding to minimise rusting on welding area , complete structure should be free from all welding defects such as sharp edges , burr etc , all metal components should be pre-treated with zinc phosphating in minimum 7 tank process and the powder coated with epoxy polyester with approved shade , thickness of coating should be minimum 50 microns .</p>	
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10	BOOK CASE SIZE 840W x 310D x 1675H	<p>Overall Size 840 W x 310D x 1675H. Office almirah book case made of prime quality CRCA Ms sheet panels 0.8mm thick powder coated finish with approved shade. Each shelve made of 0.8mm CRCA Ms sheet powder coated. Front shutter 1mm thick CRCA Msheet powder coated. No sharp edges of almirah ends. All shelve rack divided into equal parts. Transparent plain glass thickness shall be 4mm thick.</p> <p>Glass shall be fitted in additional shutter frame from inside. Door die cast chrome plated handles fitted with washer & double nut metallic handles two nos on each shutter from outside. Shutter sliding on ball bearing two nos each door with suitable systems. Six leaver brass piunger& brass lever locks of high quality in each shutter operated by one key. Glass size 660l x 280w. Almirah all metallic panels screw with nut & bolt. All metal pieces shall be welded properly strongly and conformity with regulations. CO₂ welding shall be used. All metal shall be coated after being treated with at least three stages and cleaned from oil,grease, dust, and other dirt using special thermal control coating for metal furniture to form a layer of base coating of (iron phosphating) (0.4 – 0.8) gm/m². Automatic spray coating shall be applied and to be followed by a drying process in a thermal furnace with suitable temperature and time for the process.</p>	
11	OT Steel Table Standard 4.5X2.25 (755HX1370WX680D)	<p>Overall Size 1370W x 680D x 750H, top 18mm thick PLPB board approved laminate shade with 2mm thick PVC edge bending , understructure 1299W x 526D x 725H made of prime quality CRCA 25x25x1mm square metal pipe duly powder coated, understructure CRCA square metal pipe 25x25mm with 1 thick four side welded with vertically metal pipe & 7 tank treatment with minimum 45-50 micron powder coating, metal 1st storage (3d) & other 2nd storage (1s) made of prime quality 0.8mm thick CRCA metal sheet tank treatment with minimum 45 - 50 micron powder coating with locking facility, metal frames rectangular pipe & square metal pipe closed with PVC caps, legs of the table hard rubber shoes, all metal pieces shall be welded properly strongly and conformity with regulations with CO₂ welding shall be used, metal shall be coated after being treated with at least three stages cleaned from oil, grease, dust and other dirt using special thermal control coating for metal furniture to form a layer of base coating of (iron phosphating) (0.4 – 0.8) gm/m² automatic spray coating shall be applied and to be</p>	


		followed by a drying process in a thermal furnace with suitable temperature and time for the process .	
12 (201)	Overhead Storage unit (300 D x 4200 W)	OVERHEAD:- Overall Size 600WX300DX600H mm (Overall Width-4200mm), Overhead body made up of 0.8mm thick and shutter made up in 1mm thick CRCA sheet powder coated, two number of openable shutter & one number of shelf with Stainless steel handle , shutter with 3 to 4mm thick glass, hanging on wall with the help of hole fasteners. Design as per reference image only.	
13	Granite top+1D & 2S x5Nos +4D x5Nos +1Dx 3Nos	<p>Overall size:- 8590W±10X750D±10X850 H ±10mm , Top made up of 19±2mm thick granite fixed with frame with the help of Neoprene , edges profile should be shaped & polished properly, Product as per given line diagram & Reference image only.</p> <p>STORAGE:-Storage should be below the table top , Storage made up of one drawer and two openable shutters & drawer facia and shutter made up in 1 mm thick and complete body will be in 0.8mm thick CRCA Sheet duly Powder Coated , with stainless steel handle and drawer move on sliding telescopic channel with locks.</p> <p>4 DRAWER - Box of Storage made up of (1D) 0.8mm thick and drawer facia made up in 1mm thick CRCA sheet powder coated, storage upper granite tops. All joints will be filled with silicon sealant, with stainless steel handle.</p> <p>SINGLE DRAWER - Box of storage made up of (1D) 0.8mm thick and drawer facia made up in 1mm CRCA sheet powder coated, storage upper granite top all joints will be filled with silicon sealant, with stainless steel handle.</p> <p>Vertical Raceway- Raceway made up 0.8mm thick CRCA sheet powder coated 150mm.</p> <p>SINK:- 2-No. Of Sink & tap, Sink made up of polypropylene with sink outlet nipple complete with bottle trap and hose pipe, single way tap provides on top at the place of sink centre.</p> <p>Under structure:- Top should be connected with stiffener pipe bottom of the top made up of CRCA 50X25X1.6mm . thick CRCA Pipe between each storages, under structure modesty panel made up of 0.8mm thick CRCA sheet duly powder coated , 38mm round metal powder coated legs with leveller given below the storage, Vertical leg made up of CRCA 50X25X1.6mm, cover with 0.8mm thick CRCA sheet,</p>	


		<p>complete structure should be supply in knock-down condition , assembly should be done with suitable nut & bolt and required fastener, all welding should be used CO2 MIG welding to minimise rusting on welding area, complete structure should be free from all welding defects such as sharp edges, burr etc., all metal components should be pre-treated with zinc phosphating in minimum 7 tank process and the powder coated with epoxy polyester with approved shade, thickness of coating should be minimum 50 Microns. Design asper reference image only.</p>	
14	<p>GLASS DOOR ALMIRAH SIZE - 915W x 485D x 1980H</p>	<p>Overall Size 915W x 485D x 1980H. Office almirah made of prime quality CRCA Ms Sheet Panels 0.8mm Thick powder coated finish with approved shade. each shelve made of 0.8mm CRCA MS sheet powder coated. Each shelve shall be formed such the edges are bend two times at right angle. front shutter 1mm thick CRCA Ms sheet powder coated riveted with hinges. No sharp edges of almirah ends. glass thickness shall be 3.5mm. Glass shall be fitted in additional shutter frame from inside. Leg shall be 125 x 90 X 452MM (2 Nos.) door die cast chrome plated handles fitted with washer & double nut. Handles ring made of PVC cap. Locking bright bar 10mm dia. Almirah all metallic panels screw with nut & bolt. Bottom shelve 125mm high up to ground. All metal pieces shall be welded properly strongly and conformity with regulations. CO₂welding shall be used. All metal shall be coated after being treated with at least three stages and cleaned from oil, grease, dust, and other dirt using special thermal control coating for metal furniture to form a layer of base coating of (iron phosphating) (0.4 – 0.8) gm/m². Automatic spray coating shall be applied and to be followed by a drying process in a thermal furnace with suitable temperature and time for the process.</p>	



15	915W x 485D x 1980H	<p>Overall Size 915W x 485D x 1980H. Office almirah made of prime quality CRCA Ms sheet panels 0.8mm thick powder coated finish with approved shade. each shelve made of 0.8mm CRCA MS sheet powder coated. Each shelve shall be formed such the edges are bend two times at right angle. front shutter 1mm thick CRCA Ms sheet powder coated riveted with hinges. no sharp edges of Almira hands. all shelve rack divided into equal parts. Leg shall be 125 x 90 x 452mm 2 nos with 1mm thick CRCA metal sheet powder coated. Door die cast chrome plated handles fitted with washer & double nut. Handles ring made of PVC cap. Locking bright bar 10mm dia. Almirah all metallic panels screw with nut & bolt. Bottom shelve 125mm high up to ground. All metal pieces shall be welded properly strongly and conformity with regulations. CO₂ welding shall be used. All metal shall be coated after being treated with at least three stages and cleaned from oil, grease, dust, and other dirt using special thermal control coating for metal furniture to form a layer of base coating of (iron phosphating) (0.4 – 0.8) gm/m². automatic spray coating shall be applied and to be followed by a drying process in a thermal furnace with suitable temperature and time for the process.</p>	
16	<p>Table (SIZE - 1500W x 750D x 750H)</p>	<p>Table Top 25mm thick PLPB board with 2mm pvc edge banded finish with as per approved laminate shade. Metal structure size 1450W x 700D x 725H. Under-structure made of prime quality CRCA 38x38mm square metal pipe. Metal modesty panel perforated sheet with 0.8mm thick powder coated. Workstation provided mobile drawer (3d) with telescopic channel, fittings & c type handles & locks. legs of the storage movable PVC casters. legs of the workstation hard rubber shoes. all metal pieces shall be welded properly strongly and conformity with regulations. CO₂ welding shall be used. all metal shall be coated after being treated with at least three stages and cleaned from oil, grease, dust, and other dirt using special thermal control coating for metal furniture to form a layer of base coating of (iron phosphating) (0.4 – 0.8) gm/m². Automatic spray coating shall be applied and to be followed by a drying process in a thermal furnace with suitable temperature and time for the process.</p>	



17	<p>OT Steel Table Standard 4.5X2.25 (755HX1370WX680D)</p>	<p>Overall Size1370w x 680d x 750h , top 18mm thick plpb board approved laminate shade with 2mm thick PVC edge bending , Under structure 1299W x 526D x 725H made of prime quality crca 25x25x1mm square metal pipe duly powder coated ,under structure CRCA square metal pipe 25x25mm with 1 thick four side welded with vertically metal pipe & 7 tank treatment with minimum 45-50 micron powder coating , metal 1st storage (3d) & other 2nd storage (1s) made of prime quality 0.8mm thick CRCA metal sheet tank treatment with minimum 45 - 50 micron powder coating with locking facility, metal frames rectangular pipe & square metal pipe closed with PVC caps, legs of the table hard rubber shoes , all metal pieces shall be welded properly strongly and conformity with regulations with CO₂ welding shall be used , metal shall be coated after being treated with at least three stages cleaned from oil , grease , dust and other dirt using special thermal control coating for metal furniture to form a layer of base coating of (iron phosphating) (0.4 – 0.8) gm/m² automatic spray coating shall be applied and to be followed by a drying process in a thermal furnace with suitable temperature and time for the process .</p>	
18	<p>Lab Table (1200WX750DX850H mm , 1-D & 2-S X1- no.)</p>	<p>Overall size:- 1200 WX 750 DX 850 H1 ±10mm, Top made up of 19±2mm thick granite fixed with frame with the help of Neoprene, edges profile should be shaped & polished properly, Product as per given line diagram & Reference image only.</p> <p>STORAGE:- Overall Size 600WX570DX731H mm x 1-No. Storage should be below the table top , Storage made up of one drawer and two openable shutters Storage body made up in 0.8mm thick ,Drawer facia & shutter made up in 1mm thick CRCA Sheet duly Powder Coated , with stainless steel handle and drawer move on sliding telescopic channel with locks.</p> <p>VERTICAL RACEWAY:- Raceway made up of 0.8mm thick CRCA sheet powder coated 150mm</p> <p>Under structure:- Top should be connected with stiffener pipe bottom of the top made up of CRCA 50X25X1.6mm. Thick CRCA Pipe between each storages, under structure modesty panel made up of 0.8mm thick CRCA sheet duly powder coated, 38mm Metal powder coated legs with leveller given below the storage, Vertical leg made up of CRCA 50X25X1.6mm. cover(outer side) with 0.8mm thick CRCA sheet, complete structure should be supply in knock-down condition, assembly should be</p>	




		<p>done with suitable nut & bolt and required fastener, all welding should be used CO2 MIG welding to minimise rusting on welding area, complete structure should be free from all welding defects such as sharp edges, burr etc., all metal components should be pre-treated with zinc phosphating in minimum 7 tank process and the powder coated with epoxy polyester with approved shade, thickness of coating should be minimum 50 Microns .</p>	
19	<p>Lab Table (Granite top+1D & 2S x3Nos +4D x2Nos +1Dx 1Nos)</p>	<p>Overall size:- 3960W±10X750D±10X850 H ±10mm , Top made up of 19±2mm thick granite fixed with frame with the help of Neoprene , edges profile should be shaped & polished properly, Product as per given line diagram & Reference image only.</p> <p>STORAGE:-Storage should be below the table top , Storage made up of one drawer and two openable shutters & drawer facia and shutter made up in 1 mm thick and complete body will be in 0.8mm thick CRCA Sheet duly Powder Coated , with stainless steel handle and drawer move on sliding telescopic channel with locks.</p> <p>4 DRAWER - Box Of Storage made up of (1D) 0.8mm thick and drawer facia made up in 1mm thick CRCA sheet powder coated , storage upper granite top all joints will be filled with silicon sealant , with stainless steel handle .</p> <p>SINGLE DRAWER - Box of storage made up of (1D) 0.8mm thick and drawer facia made up in 1mm CRCA sheet powder coated , storage upper granite top all joints will be filled with silicon sealant , with stainless steel handle .</p> <p>Vertical Raceway- Raceway made up 0.8mm thick CRCA sheet powder coated 150mm.</p> <p>SINK:- 1-No. Of Sink & tap, Sink made up of polypropylene with sink outlet nipple complete with bottle trap and hose pipe, single way tap provided on top at the place of sink centre.</p> <p>Under structure:-Top should be connected with stiffener pipe bottom of the top made up of CRCA 50X25X1.6mm. thick CRCA Pipe between each storages, under structure modesty panel made up of 0.8mm thick CRCA sheet duly powder coated , 38mm round metal powder coated legs with leveller given below the storage, Vertical leg made up of CRCA 50X25X1.6mm, cover with 0.8mm thick CRCA sheet, complete structure should be supply in knock-down condition, assembly should be done with suitable nut & bolt and required fastener, all welding should be used</p>	

		<p>CO₂mig welding to minimise rusting on welding area , complete structure should be free from all welding defects such as sharp edges , burr etc , all metal components should be pre-treated with zinc phosphating in minimum 7 tank process and the powder coated with epoxy polyester with approved shade , thickness of coating should be minimum 50 Microns . Design as per reference image only</p>	
20	<p>Lab Table (Granite top+1D & 2S x3Nos +4D x2Nos +1Dx 1Nos)</p>	<p>Overall size:- 3930W±10X750D±10X850 H ±10mm , Top made up of 19±2mm thick granite fixed with frame with the help of Neoprene , edges profile should be shaped & polished properly, Product as per given line diagram & Reference image only.</p> <p>STORAGE:-Storage should be below the table top , Storage made up of one drawer and two openable shutters & drawer facia and shutter made up in 1 mm thick and complete body will be in 0.8mm thick CRCA Sheet duly Powder Coated , with stainless steel handle and drawer move on sliding telescopic channel with locks.</p> <p>4 DRAWER - Box of storage made up of (1D) 0.8mm thick and drawer facia made up in 1mm thick crca sheet powder coated , storage upper granite top all joints will be filled with silicon sealant , with stainless steel handle .</p> <p>SINGLE DRAWER - Box of storage made up of (1D) 0.8mm thick and drawer facia made up in 1mm CRCA sheet powder coated , storage upper granite top all joints will be filled with silicon sealant , with stainless steel handle .</p> <p>Vertical Raceway- Raceway made up 0.8mm thick CRCA sheet powder coated 150mm.</p> <p>SINK:- 1-No. Of Sink & tap, Sink made up of polypropylene with sink outlet nipple complete with bottle trap and hose pipe, single way tap provide on top at the place of sink centre.</p> <p>Under structure:- Top should be connected with stiffener pipe bottom of the top made up of CRCA 50X25X1.6mm. thick CRCA Pipe between each storages, under structure modesty panel made up of 0.8mm thick CRCA sheet duly powder coated, 38mm round metal powder coated legs with leveller given below the storage, Vertical leg made up of CRCA 50X25X1.6mm, cover with 0.8mm thick CRCA sheet, complete structure should be supply in knock-down condition, assembly should be done with suitable nut & bolt and required fastener, all welding should be used</p>	

		<p>CO₂ MIG welding to minimise rusting on welding area, complete structure should be free from all welding defects such as sharp edges, burr etc., all metal components should be pre-treated with zinc phosphating in minimum 7 tank process and the powder coated with epoxy polyester with approved shade, thickness of coating should be minimum 50 microns . Design as per reference image only.</p>	
21	<p>Lab Table (Granite top+1D & 2S x3Nos +4D x2Nos +1Dx 1Nos)</p>	<p>Overall size:- 3980W±10X750D±10X850 H ±10mm , Top made up of 19±2mm thick granite fixed with frame with the help of Neoprene, edges profile should be shaped & polished properly, Product as per given line diagram & Reference image only.</p> <p>STORAGE:-Storage should be below the table top, Storage made up of one drawer and two openable shutters & drawer facia and shutter made up in 1 mm thick and complete body will be in 0.8mm thick CRCA Sheet duly Powder Coated, with stainless steel handle and drawer move on sliding telescopic channel with locks.</p> <p>4 DRAWER - Box of storage made up of (1D) 0.8mm thick and drawer facia made up in 1mm thick CRCA sheet powder coated, storage upper granite top all joints will be filled with silicon sealant, with stainless steel handle.</p> <p>SINGLE DRAWER - Box of storage made up of (1D) 0.8mm thick and drawer facia made up in 1mm CRCA sheet powder coated, storage upper granite top all joints will be filled with silicon sealant , with stainless steel handle .</p> <p>Vertical Raceway- Raceway made up 0.8mm thick CRCA sheet powder coated 150mm.</p> <p>SINK:- 1-No. Of Sink & tap, Sink made up of polypropylene with sink outlet nipple complete with bottle trap and hose pipe, single way tap provides on top at the place of sink centre.</p> <p>Under structure:-Top should be connected with stiffener pipe bottom of the top made up of CRCA 50X25X1.6mm. thick CRCA Pipe between each storages, under structure modesty panel made up of 0.8mm thick CRCA sheet duly powder coated, 38mm round metal powder coated legs with leveller given below the storage, Vertical leg made up of CRCA 50X25X1.6mm, cover with 0.8mm thick CRCA sheet, complete structure should be supply in knock-down condition, assembly should be done with suitable nut & bolt and required fastener, all welding should be used</p>	

		CO ₂ MIG welding to minimise rusting on welding area, complete structure should be free from all welding defects such as sharp edges, burr etc., all metal components should be pre-treated with zinc phosphating in minimum 7 tank process and the powder coated with epoxy polyester with approved shade, thickness of coating should be minimum 50 Microns . Design as per reference image only	
22	Revolving Stool with Backrest	<p>Revolving Stool with Backrest Overall Dimension: 610W ±10 x 610D ±10 x 950H ±10 mm .</p> <p>Seat of chair is made of 12mm thick hot pressed Plywood pasted with High Density Moulded PU foam & Leatherette upholstery, Back is made of 12mm thick hot pressed Plywood pasted with HD foam D -40 kg/m³, H-20 Seat and back fixed through metal powder coated Spine in 40x8mm thick covered with plastic cover, Seat Size: 400W ±10 x 400D ±10 x 75Thick. ±5 mm, Back Size: 450W ±10 x 240H ±10 x 80Thick. ±5mm . Ground to seat height-440-560</p> <p>Mechanism:-Machanism Design With Features Of Revolving At 360 Degree. Machanism Provided Upright Position Locking, Seating Height Can Be Adjusted With a Pneumatic Gas Lift.</p> <p>Gaslift: Lift -Used gaslift of 100 mm size of Class-3 grade, 3 piece plastic bellow cover.</p> <p>Chair Base & Wheels: Metal chrome plated Chair Base Made of 2.5mm thick Metal chrome plated steel frame, base consists of 5 prongs with 560±5 mm pitch circle diameter, 50mm Dia. Black Nylon - Twin Wheel Pin castor.</p>	
23	Stool	<p>Stool Overall Size- 400W x 400D x 600H1 x 500H2 ±10mm</p> <p>upper table top 400mm dia 65mm thick made of 12mm thick (hot pressed) plywood moulded with prime quality leatherette upholstery. Under-structure seat is firmly connected to the base frame mechanism design with features of revolving at 360 degree. Mechanism provided upright position locking. chair max height 600 & min height 500. base seat moulded with pu foam (h d) d - 32 kg/m³, h - 20 . seating height can be adjusted with a pneumatic gas lift. chair base & wheels: Revolving pedestal nylon base consists of 5 prongs with 640±5 mm pitch circle diameter, 50mm dia. black nylon - twin wheel pin castor.</p>	

24	Fixed Type Stool	<p>Fixed Type Stool: Overall Size- 320W x 320D x 650Hmm±10mm Seat of stool made of 12mm thick (hot pressed) plywood pasted with high density moulded pu foam with prime quality leatherette upholstery, seat size-320w x 320d x60t ±10mm, under structure frame consist of four leg made of crca pipe 25x25x1.2mm ms duly powder coated. Thickness of coating (40 –50) micron. all metal pieces shall be welded properly strongly and conformity with regulations. CO₂ welding shall be used.</p>	
24	High Back Revolving Chair	<p>High Back Revolving Chair, Overall Dimension:- 720W ±10 x 720D ±10 x 1250H ±10 mm Seat of high back chair is made of 12mm thick hot pressed plywood pasted with PU Moulded foam with Fabric upholstery on Seat , Used PU Moulded foam on Seat of D-45 kg/m³ , Back of High back chair is made of Injection moulded PP material structure in Black & Silver colour combination upholstered with Mesh fabric , Adjustable Lumber support upholstered with fabric , Adjustable Headrest on back Upholstered with Mesh Fabric , Seat Size:- 475W ±10 x 465D ±10 x 70Thick. ±5 mm, Back Size:- 485W ±10 x 780H ±10. Mechanism:- Centre Tilt Mechanism Single point control , Provides maximum adjustability and scope for comfort , Single/ Upright position locking , Tilt tension knob to loosen or tighten the tension according to users body weight . Gaslift:- Lift -Used gaslift of 85 mm size of Class-IV grade , Plastic Gas lift cover . Armrest:- Injection Moulded Fixed PP armrest with Silver strip in side , armrest fixed with Seat . Chair Base &Wheels:- Metal chrome plated Chair Base , base consists of 5 prongs with 650±5 mm pitch circle diameter, 50mm Dia. Black Nylon - Twin Wheel Pin castor .</p>	

25	Medium Back Revolving Chair	<p>Medium Back Revolving Chair, Overall Dimension: -720W ±10 x 720D ±10 x 1110H ±10 mm. Seat of Medium back chair is made of 12mm thick hot pressed plywood pasted with PU Moulded foam with Fabric upholstery on Seat, Used PU Moulded foam on Seat of D-45 kg/m³, Back of High back chair is made of Injection moulded PP material structure in Black & Silver colour combination upholstered with Mesh fabric, Adjustable Lumber support upholstered with fabric, Seat Size:- 475W ±10 x 465D ±10 x 70Thick. ±5 mm, Back Size:- 485W ±10 x 550H ±10 . Mechanism:- Centre Tilt Mechanism Single point control , Provides maximum adjustability and scope for comfort , Single/ Upright position locking , Tilt tension knob to loosen or tighten the tension according to users body weight . Gaslift:- Lift -Used gaslift of 85 mm size of Class-IV grade , Plastic Gas lift cover . Armrest:- Injection Moulded Fixed PP armrest with Silver strip in side , armrest fixed with Seat . Chair Base &Wheels:- Metal chrome plated Chair Base , base consists of 5 prongs with 650±5 mm pitch circle diameter, 50mm Dia. Black Nylon - Twin Wheel Pin castor .</p>	
26	Metal Chrome frame, Leatherette seat & back	<p>Metal Chrome frame, Leatherette seat & back</p>	
27	Fixed Visitor Chair	<p>Fixed Visitor Chair, Overall Dimension:- 560W ±10 x 570D ±10 x 920H ±10 mm . Seat of Medium back chair is made of 12mm thick hot pressed plywood pasted with PU Moulded foam with Fabric upholstery on Seat, Used PU Moulded foam on Seat of D-45 kg/m³, Back of Medium back chair is made of Injection moulded PP material structure in Black colour upholstered with Mesh fabric, Seat Size: 490W ±10 x 410D ±10 x 60Thick. ±5 mm, Back Size:- 460W ±10 x 480H ±10. Armrest:- Fixed PP armrest in Black colour, seat & back connected with arms . Under-structure:- Cantilever frame made stainless steel of 202 grade round pipe of dia.25.4x14 gauge thickness with Plastic bushes .</p>	

Interior Design

Item with Specification	Qty	Unit
Single Skin Aluminium Door: Providing and fixing door single skin aluminium door of size 900mm x 2100mm with 5mm thick float glass and 12mm thick prelaminated particle board combination. Fixing with required hardware and rubber gasket all complete.	3	Each
Single Skin Aluminium Partition: Providing and fixing full height single skin aluminium partition with 5mm thick float glass and 12mm thick prelaminated particle board combination. Fixing with required hardware and rubber gasket all complete.	665	Sqft
Wooden Partition Frame Work Only Above False Ceiling: Providing and fixing partitions framing made out of Aluminium cross section 2"x 1.5" framework 2'-0" c/c both ways treated with anti-termite solution, for above the false ceiling area.	150	Sqft
Roller Blind: Providing and fixing roller blinds Vista/Mascot make and shade with hanging and drawing system including all hardware and fixing complete.	25	Sqft