TENDER DOCUMENT

FOR

THE PURCHASE OF

(STANDARD FURNITURE OF ACADEMIC BLOCK A)

NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH, GUWAHATI

DEPARTMENT OF PHARMACEUTICALS

MINISTRY OF CHEMICALS AND FERTILIZERS

GOVERNMENT OF INDIA

Sila Village, Near Dr. Bhupen Hazarika Regional Govt. Film & Television Institute, Changsari, Kamrup (R), Assam-781101, India

Email: *purchase@niperguwahati.ac.in*

NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH
(Ministry of Chemicals and Fertilizers, Government of India)

General Terms and Conditions applicable for Global Tender Enquiry

1. All the prospective bidders, before preparing the tender and submitting the same must go through the contents of entire tender document carefully and note the same for compliance. Any deviation or non-compliance of the information/instructions, provided in the tender document may result in treating the tender as non-responsive.

2. The bidders who are submitting bids on behalf of their principals/manufacturers must produce documentary evidences like authorization letter given by their principals, copy of the agreement, partnership deed, memorandum of understanding (MoU) etc. Bids submitted by other than the manufacturers without documentary evidence of their linkage with manufacturer may be liable for rejection.
3. Quote should be made in two parts: Technical bid and financial bid separately in sealed envelopes.
    - Technical Bid should contain compliance statement of specifications and other important terms like warranty, after sales service facilities, Time required for attending Complaints/Downtime period, Payment terms, Points related with confirmation of credentials of supplier, acceptance for conditions like penalty, Committed delivery period, etc.
    - Quotes should have a minimum validity of 90 days
    - Financial bids for the product whose technical bid is not acceptable will not be opened. Any quote with the financial bid included in the technical bid is liable for rejection.
    - The sealed envelopes with the quotes should be super-scribed with the Inquiry number and whether it is a technical or financial bid.
    - Item wise picture of the items, whenever possible, should be included with the technical bid.
    - The delivery period should be specifically stated.
    - Quotes should be made FOR delivery to NIPER-Guwahati, Changsari Campus, Assam.
    - Maximum educational discounts should be provided.
    - Vender should have prior experience for the installation of such kind of furniture at Central Government Educational and R & D organisations in

North Eastern India and must have Executed at least 5 such projects, whose financial value is not less than the present tender value during the past three years.

- Venders should clearly mention about the material and (make Indigenous/Imported).
- Actual numbers of the components may be increased or decreased, payment will be made on the basis of actual numbers on prorate basis.
- The service centre particulars like Address, no of service personal available and their expertise in attending the service calls etc. may be indicated
- Installation: the price should be inclusive of full installation on site with full functionality demonstration.
- Installation within 15 days.
- All envelopes should be marked with enquiry number.
- All quotes should be in Indian Rupees (INR).
- Confirmation of all the above points should be given in the compliance report.

4. **Warranty**: This institute as a matter of policy would like to have three years comprehensive warranty. While offering three years comprehensive warranty, the suppliers must essentially indicate the breakup cost implications for second year and third year separately.

   The payment towards second year and third year warranty will be paid only after successful completion of warranty obligations at the end of second year and third year respectively. **This is an essential condition for comparing the cost implications of item offered with other bids.**

   The bidders are expected to supply brand new items. In cases where items are procured from third party as an accessory to the main unit the warranty obligation should get extended to this type of components also. In other words, the bidder/supplier will be directly responsible for fulfilling warranty obligations of entire supply.

   The list of consumable items which are not covered under warranty conditions may please be indicated separately for the information of the institute.

5. The bidders should provide item wise technical compliance/deviation statement. If the bidder is unable to show the compliance of specified points in the tender/compliance statement either in the brochure or technical data sheet or instruction manuals, the same compliance statement will not be considered as authentic. Likewise a separate compliance report for warranty, payment terms, readiness to provide performance guarantee, after sales service details, their credentials to be indicated in the compliance report by providing appropriate supporting documents. . The above information should be provided in the technical bid.

6. The bidders are expected to quote free delivery at NIPER-Guwahati premises price which includes components like packing, freight, forwarding, and delivering the same in good condition at NIPER-Guwahati premises. The bids which do not confirm to the above condition are liable for rejection.The contractual obligations are treated as completed only when all the ordered items are handed over to the institute in ready to use condition.

7. To establish the credentials of the bidder, documents like information of installations they have with prestigious government educational/R&D institutes and reputed nationally known private institutes in India and North east regeion in particular with contact numbers reference numbers of purchase orders, appreciation letters etc. need to be provided along with Technical bid.

8. Institute would like to have Brand new items and in case the item supplied requires repairs/rectifications at the time of installation, the same will not be accepted and supplier must replace the item with a new one.

9. **Payment Terms**: As a matter of policy being a Government institution no advance payments can be made to suppliers. The following payment terms may please be noted:

   80% payment after receipt and satisfactory installation, demonstration and acceptance by user department. Balance 20% payment after watching performance for 30 days and after receiving performance bank guarantee to cover warranty obligations.

10. **Delivery**: As agreed by the institute and supplier, any delay in delivery of items beyond accepted date may attract penalty/liquidated damages as per tender enquiry/purchase orders. The ordered item needs to be delivered and installed at our new campus at Chagnsari as per the address given below.

    NIPER Guwahati
    Sila village, Changsari,
    Near Dr. Bhupen Hazarika Regional Govt. Film & Television Institute
    P.O. Changsari,
    Pin 781101, District Kamrup (R), Assam

11. We expect the bidders to be sincere and honest in providing the information related with procurement to ensure best satisfaction to the purchaser.
12. The prospective bidders in their own interest to visit our New building premises to have clear understanding of our requirement.

13. All the bids are to be submitted in two bid system i.e. technical and commercial bids separately in different sealed covers. The EMD amount should be kept in the technical bid cover to avoid its disqualification.

    The suppliers are expected to use same proforma for technical and commercial bids. In the technical bid an indication need to be given by indicating xxxxxx at the place of quoted value which can be seen in corresponding commercial bid when the same is opened. This will help institute to know that the rate is indicated for the same in the commercial bid.

14. A. The date and time of pre bid conference: 6th March, 2020 at 11:00 am.
    B. Incorporation of agreed changes/amendments if any in the website: 6th March, 2020 by 5:00 pm.
    C. Last date for receiving sealed tenders containing technical and commercial bids: 12:00 pm on 20th March, 2020.
    D. Opening of bids (technical only): 20th March, 2020 at 3.00 pm
    E. Date and time for opening commercial bids of shortlisted suppliers will be informed separately.

15. All the correspondence related with the procurement should be addressed to Director, NIPER-Guwahati who is final deciding authority and whose decisions are final.

16. Director, NIPER-Guwahati reserves the right to relax any of the conditions in exceptional cases, in the best interest of NIPER-Guwahati. Director further reserves the right to withdraw the tender in whole or part at any stage without assigning any reason.

17. Depending on the decision of the Director, one of the following method will be adopted for placing the order:

    a. Procurement decision based on overall lowest quoting rate.
    b. Lowest quoting rate for individual items may be considered in case decision on overall lowest system is not practicable. In such events order may get split among more than one supplier.
    c. Ensure keeping copy of commercial bid erasing the rates quoted in the technical bid to get a clear idea of items for which quotation has been submitted.

18. All prospective bidders should submit hard copy of tenders in sealed covers with technical bid and commercial bid in different sealed covers. No online/email tenders will be accepted.

INVITATION FOR BIDS / NIT

01. Director, NIPER Guwahati, C/o NETES Institute of Technology & Science, NH-37, Shantipur, Parli Part, Mirza, Assam - 781125, India invites sealed bids from manufacturers, their distributors and Indian Agent of Foreign principals, if any, for purchase of items listed below.

Sl. No.	Tender No.	Description of items	Quantity	Single/ Double bid	Bid Security (EMD) (in Indian Rupees)
01	NIPER-G/98/FUR/Standard Furniture/2019-20 dated 28/02/2020	Furniture	1 unit(s)	Double	Rs. 6,00,000.00

02. Interested Bidders may obtain further information from the Stores & Purchase, NIPER Guwahati, Silla Village, Near Dr. Bupen Hazarika Regional Govt. Film & Television Institute, Changsari, Kamrup (R), Assam-781101, India.

03. Each complete set of bidding document may be downloaded by any interested bidder from the NIPER Guwahati website http://niperguwahati.ac.in free of cost. The bids must reach this office on or before 20th March, 2020 up to 12:00 pm and shall be opened on the same day at 3:00pm.

04. A Pre-bid Conference will be held on 6th March at 11:00 hours at NIPER Guwahati. All prospective bidders are requested to kindly submit their queries to the email address purchase@niperguwahati.ac.in so as to reach the Stores & Purchase latest by 3rd March, 2020 up to 11:00 am.

05. All bids must be accompanied by a bid security as specified above and must be delivered to the above office at the date and time indicated above. Bids will be opened in the presence of Bidders' authorized representatives who choose to attend on the specified date and time. In the event of the date specified for bid receipt and opening being declared as a closed holiday for purchaser's office, the due date for submission of bids and opening of bids will be the following working day at the appointed time.

06. The Director, NIPER-Guwahati reserves the right to accept any or all tenders either in part or in full or to split the order without assigning any reasons there for.

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CHAPTER 1

INSTRUCTIONS TO BIDDERS

Table of Contents

A. Introduction

1.1. Eligible Bidders

1.1.1 This Invitation for Bids is open to all suppliers.

1.1.2 Bidders should not be associated, or have been associated in the past,directly or indirectly, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under this Invitation of Bids.

1.1.3 Bidders who have been blacklisted / suspended by the purchaser are ineligible to quote. The quotes of such firms shall be summarily rejected.

1.2 Cost of Bidding

1.2.1 The Bidder shall bear all costs associated with the preparation and submission of its bid, and "the Purchaser", will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

1.3 Fraud and corruption

1.3.1 The purchaser requires that the bidders,suppliers and contractors observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy, the following are defined:

"Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;

"Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

"Collusive practice" means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive levels; and

"Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract.

1.3.2 The purchaser will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question.

B The Bidding Documents

1.4 Cost of Bidding Documents

1.4.1 Interested eligible bidders may purchase the bidding documents on payment of the cost of bidding documents as indicated in the invitation for bids/NIT or alternatively, the bidding documents can be downloaded from our Website as indicated in the Invitation for Bids/NIT free of cost.

1.5 Content of Bidding Documents

1.5.1 The goods required, bidding procedures and contract terms are prescribed in the bidding documents which should be read in conjunction. The bidding documents, apart from the invitation for bids have been divided into 8 chapters as under:

Chapter 1: Instructions to Bidder (ITB)

Chapter 2: General Conditions of Contract (GCC) and Special Conditions of Contract (SCC)

Chapter 3: Schedule of Requirements

Chapter 4: Specifications and Allied Technical Details

Chapter 5: Price Schedule Forms

Chapter 6: Qualification requirements

Chapter 7: Contract Form

Chapter 8: Other Standard Forms comprising:

(a) Bidder Information Form

(b) Manufacturer's Authorization Form (MAF);

(c) Bid Security Form

(d) Performance Statement form

(e) Deviation Statement Form;

(f) Service Support details;

(g) Bid form

(h) Performance Security Form;

(i) Acceptance Certificate Form

(j) Integrity pact

1.5.2 The Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding documents. Failure to furnish all information required by the bidding documents or submission of a bid not substantially responsive to the bidding documents in every respect will be at the Bidder's risk and may result in rejection of its bid.

1.6 Clarification of bidding documents

1.6.1 A prospective Bidder requiring any clarification of the Biding Documents shall contact the Purchaser in writing at the Purchaser's address specified in the Special Conditions of Contract (SCC), latest by the date specified in the Invitation for Bids / NIT which would be deliberated as per Clause 1.42.0 of Instructions to the Bidders. No request for clarification or query shall be normally entertained after the pre-bid conference. Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under Clause relating to amendment of Bidding Documents and Clause relating to Deadline for Submission of Bids. The clarifications and amendments issued would also be hosted on the website of the Purchaser for the benefit of the other prospective bidders.

1.7 Amendment of Bidding Documents

1.7.1 At any time prior to the deadline for submission of bids, the Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the bidding documents by amendment as enumerated in Clause 1.42.0 of Instructions to the Bidders. The same would also be hosted on the website of the Purchaser and all prospective bidders are expected to surf the website before submitting their bids to take cognizance of the amendments.

1.7.2 In order to allow prospective bidders' reasonable time in which to take the amendment into account in preparing their bids, the Purchaser, at its discretion, may extend the deadline for the submission of bids and host the changes on the website of the Purchaser.

C. PREPARATION OF BIDS

1.8. Language of Bid

1.8.1 The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in either English or Hindi language only.

1.8.2 The Supplier shall bear all costs of translation, if any, to the English language and bear all risks of the accuracy of such translation, for documents provided by the Supplier.

1.9. Documents Comprising the Bid

1.9.1 The bid prepared by the Bidder shall include:

(a) Bidder Information Form; (Technical Bid);

(b) Bid security as specified in the Invitation to Bids; (Technical Bid);

(c) Service support details form; (Technical Bid);

(d) Deviation Statement Form; (Technical Bid);

(e) Performance Statement Form; (Technical Bid);

(f) Manufacturer's Authorization Form; (Technical Bid);

(g) Documentary evidence establishing that the bidder is eligible to bid and is qualified to perform the contract if its bid is accepted; (Technical Bid);

(h) Bid form; (Price Bid only);

(i) Documents establishing goods eligibility and conformity to bidding documents; (Technical Bid);

(j) Applicable Price Schedule Form; (Price Bid only);

(k) Schedule of requirements. (Technical Bid);

1.10. Bid form and price schedule

1.10.1 The bidder shall complete the Bid Form and the appropriate price schedule form furnished in the bidding documents. These forms must be completed without any alterations to its format and no substitutes shall be accepted. All blank spaces shall be filled in with the information requested. The Bid Form and the appropriate Price Schedule form shall be submitted in accordance with Clause 1.18.3 of the bidding documents.

1.11. Bid Prices

1.11.1 The Bidder shall indicate on the appropriate price schedule form, the unit prices and total bid prices of the goods it proposes to supply under the contract.

1.11.2 Prices indicated on the price-schedule form shall be entered separately in the following manner:

(a) For Goods manufactured within India

(i) The price of the goods quoted Ex -works including taxes already paid.

(ii) GST and other taxes like excise duty etc. which will be payable on the goods if the contract is awarded.

(iii) The charges for inland transportation, insurance and other local services required for delivering the goods at the desired destination as specified in the price schedule form.

(iv) The installation, commissioning, cost of spares if any, cost of optional items if any and training charges including any incidental services, if any.

(b) For Goods manufactured abroad

(i) The price of the goods, quoted on FCA (named place of delivery abroad) or FOB (named port of shipment), as specified in the price schedule form.

(ii) The charges for insurance and transportation of the goods to the port/place of destination both by Air and Ocean.

(iii) The agency commission charges, if any.

(iv) The installation, commissioning, cost of spares if any, cost of optional items if any and training charges including any incidental services, if any.

1.11.3 The terms FOB, FCA, CIF, CIP etc shall be governed by the rules prescribed in the current edition of the Incoterms published by the International Chambers of Commerce, Paris.

1.11.4 **Where there is no mention of packing, forwarding, freight, insurance changes, taxes etc. such offer shall be rejected as incomplete.**

1.11.5 The price quoted shall remain fixed during the contract period and shall not vary on any account

1.11.6 All lots and items must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. Lots or items not listed in the Price Schedule shall be assumed to be not included in the bid.

1.11.7 This Institute is exempted from payment of Customs Duty and will provide DSIR duty exemption certificate.

Note: All payments due under the contract shall be paid after deduction of statutory levies at source (like ESIC, IT, etc.), wherever applicable.

1.12. Bid Currencies

1.12.1 Prices shall be quoted in Indian Rupees for offers received for supply within India and in freely convertible foreign currency in case of offers received for supply from foreign countries.

1.13. Documents Establishing Bidder's Eligibility and qualifications

1.13.1 The bidder shall furnish, as part of its bid, documents establishing the bidders' eligibility to bid and its qualification to perform the contract if its bid is accepted.

1.13.2 The documentary evidence of the bidders qualification to perform the contract if the bid is accepted shall establish to the purchasers satisfaction that;

(a) The bidder meets the qualification criteria listed in bidding documents, if any.

(b) Bidder who doesn't manufacture the goods it offers to supply shall submit Manufacturers' Authorization Form (MAF) using the form specified in the bidding document to demonstrate that it has been duly authorized by the manufacturer of the goods to quote and/or supply the goods. In addition the agreement between original manufacturer and authorized Indian agency must also be provided.

(c) In case a bidder not doing business within India, it shall furnish the certificate to the effect that the bidder is or will be represented by an agent in India equipped and able to carry out the supply, maintenance, repair obligations etc. during the warranty and post warranty period or ensure a mechanism at place for carrying out the supply, maintenance, repair obligations etc. during the warranty and post-warranty period.

1.13.3 **Conditional tenders shall not be accepted.**

1.14. Documents Establishing Goods' Eligibility and Conformity to Bidding Documents

1.14.1 To establish the goods' eligibility, the documentary evidence of the goods and services eligibility shall consist of a statement on the country of origin of the goods and services offered which shall be confirmed by a certificate of origin at the time of shipment.

1.14.2 To establish the conformity of the goods and services to the specifications and schedule of requirements of the bidding document, the documentary evidence of conformity of the goods and services to the bidding documents may be in the form of literature, drawings and data, and shall consist of :

(a) A detailed description of the essential technical and performance characteristics of the goods;

(b) A list giving full particulars, including available sources and current prices, of spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods during the warranty period following commencement of the use of the goods by the Purchaser in the Priced- bid ; and

(c) An item-by-item commentary on the Purchaser's Technical Specifications demonstrating substantial responsiveness of the goods and services to those specifications or a statement of deviations and exceptions to the provisions of the Technical Specifications.

1.14.3 For purposes of the commentary to be furnished pursuant to above, the Bidder shall note that standards for workmanship, material and equipment, designated by the Purchaser in its Technical Specifications are intended to be descriptive only and not restrictive. The Bidder may substitute these in its bid, provided that it demonstrates to the Purchaser's satisfaction that the substitutions ensure substantial equivalence to those designated in the Technical Specifications.

1.15. Bid Security

1.15.1 The Bidder shall furnish, as part of its bid, a bid security (BS) for an amount as specified in the Invitation for Bids. In the case of foreign bidders, the BS shall be submitted either by the principal or by the Indian agent and in the case of indigenous bidders, the BS shall be submitted by the manufacturer or their specifically authorized dealer/bidder.

1.15.2 The bid security is required to protect the Purchaser against the risk of Bidder's conduct, which would warrant the security's forfeiture.

1.15.3 The bid security shall be in Indian Rupees for offers received for supply within India and denominated in the currency of the bid or in any freely convertible foreign exchange in the case of offers received for supplies from foreign countries in equivalent Indian Rupees. The bid security shall be in one of the following forms at the bidders' option:

(a) A bank guarantee issued by a Nationalized/Scheduled bank/Foreign Bank operating in India in the form provided in the bidding documents

and valid for 45 days beyond the validity of the bid. In case a bidder desires to submit a BG issued from a foreign bank, then the same should be confirmed by a Nationalised/Scheduled Indian bank; or

(b) Fixed Deposit receipt pledged in favour of the Lab. /Institute.

(c) A Banker's cheque or demand draft in favour of the purchaser issued by any Nationalised/Scheduled Indian bank.

1.15.4 The bid security shall be payable promptly upon written demand by the purchaser in case the conditions listed in the ITB clause 1.15.11 are invoked.

1.15.5 The bid security should be submitted in its original form. Copies shall not be accepted.

1.15.6 While Bid security (EMD) is a requirement, the Director of the Lab. / Instt. may grant exemption of Bid security to some specific parties having sound credentials and are of national/international repute.

1.15.7 The bid security of unsuccessful bidder will be discharged /returned as promptly as possible positively within a period of 30 days after the expiration of the period of bid validity or placement of order whichever is later, without any interest.

1.15.8 The successful Bidder's bid security will be discharged upon the Bidder furnishing the performance security, without any interest. Alternatively, the BS could also be adjusted against Performance Security (PS), if it is paid through Demand Draft /Bankers Cheque.

1.15.9 The firms registered with, NSIC, are exempted from payment of BS provided such registration includes the item they are offering which are manufactured by them and not for selling products manufactured by other companies.

1.15.10 In case a bidder intimates at the time of tender opening in writing that the bid security is kept inside the financial bid, then in such cases, the technical bid of the party would be accepted provisionally till opening of the financial bids with which the party has attached the bid security.

1.15.11 The bid security may be forfeited:

(a) If a Bidder withdraws or amends or modifies or impairs or derogates its bid during the period of bid validity specified by the Bidder on the Bid Form; or

(b) In case of a successful Bidder, if the Bidder fails to furnish order acceptance within 15 days of the order or fails to sign the contract and/or fails to furnish Performance Security within 21 days from the date of contract/ order.

1.15.12 Whenever the bidder chooses to submit the Bid Security in the form of Bank Guarantee, then he should advise the bankerissuing the Bank Guarantee to immediately send by Registered Post (A.D.) an unstamped duplicate copy of the Guarantee directly to the Purchaser with a covering letter to compare with the original BG for the correctness, genuineness, etc.

1.16. Period of Validity of Bids

1.16.1 Bids shall remain valid for minimum of 90 days after the date of bid opening prescribed by the Purchaser. A bid valid for a shorter period shall be rejected by the Purchaser as non-responsive.

1.16.2 In exceptional circumstances, the Purchaser may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing (or by cable, telex, fax or e-mail). The bid security provided shall also be suitably extended. A Bidder may refuse the request without forfeiting its bid security. A Bidder granting the request will not be required nor permitted to modify its bid.

1.16.3 Bid evaluation will be based on the bid prices without taking into consideration the above corrections.

1.17. Format and Signing of Bid

1.17.1 The bids may be submitted in single envelop or in two parts as specified in the Invitation for Bids.

1.17.2 In case the bids are invited on single envelop basis, then the Bidder shall prepare two copies of the bid, clearly marking each "Original Bid" and "Copy Bid", as appropriate. In the event of any discrepancy between them, the original shall govern.

1.17.3 In case the bids are invited on two-bid system, the Bidder shall submit the bids in two separate parts. One part shall contain Technical bid comprising all documents listed under clause relating to Documents Comprising the Bid excepting bid form and price schedules. The other part shall contain the priced-bid comprising bid form and price schedules. The Bidder shall prepare two copies of the bid, clearly marking each "Original Bid" and "Copy Bid", as appropriate.

1.17.4 The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person or persons duly authorized to bind the Bidder to the Contract. All pages of the bid, except for un-amended printed literature, shall be initialled by the person or persons signing the bid.

1.17.5 Any interlineations, erasures or overwriting shall be valid only if they are initialled by the persons or persons signing the bid.

D Submission and sealing of Bids

1.18. Submission, Sealing and Marking of Bids

1.18.1 The bidders may submit their duly sealed bids generally by post or by hand.

1.18.2 In the case of bids invited on single envelop basis, the Bidders shall seal the original and each copy of the bid in separate inner envelopes, duly marking the envelopes as "original" and "copy". The envelopes shall then be sealed in an outer envelope.

1.18.3 In the case of bids invited on two part basis, the Bidder shall seal the un-priced commercial and technical bid comprising the documents as listed in ITB 1.9.1 excepting for h& j and the priced bid in two separate envelops duly marked as “Technical bid” and “priced bid”. Both the envelopes shall then be sealed in one outer envelope.

1.18.4

(a) The inner and outer envelopes shall be addressed to the Purchase OfficerStores & Purchase, National Institute of Pharmaceutical Education and Research, Guwahati, C/o NETES Institute of Technology & Science, NH-37, Shantipur, Parli Part, Mirza, Assam - 781125, India.

(b) Bear the name and address of the bidder, Tender No., due date and a warning "Do not open before” to be completed with the time and date as specified in the invitation for bids.

1.18.5 If the outer envelope is not sealed and marked as required above, the Purchaser will assume no responsibility for the bid's misplacement or premature opening. In such cases, bids received in open condition within the due date and time will be accepted at the risk of the bidder if the same is presented to the Purchase Officer of Stores & Purchase before expiry of the due date and time of opening of the bids.

1.18.6 Firms submitting bids in a single envelope against the requirement of two-bid system would be considered for further evaluation at the risk & responsibility of the bidder. However, the opened priced bid would be sealed immediately by the Tender Opening Committee without disclosing the price.

1.19. Deadline for Submission of Bids

1.19.1 Bids must be received by the Purchaser at the address specified at Clause 1.18.4 (a) not later than the time and date specified there in. In the event of the specified date for the submission of Bids being declared a holiday for the Purchaser, the Bids will be received up to the appointed time on the next working day.

1.19.2 The Purchaser may, at its discretion, extend the deadline for submission of bids by amending the bid documents in accordance with Clause relating to Amendment of Bidding Documents in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

1.20. Late Bids

1.20.1 Any bid received by the Purchaser after the deadline for submission of bids prescribed by the Purchaser will be rejected.

1.20.2 Such tenders shall be marked as late and not considered for further evaluation. They shall not be opened at all and be returned to the bidders in their original envelope without opening.

1.21. Withdrawal, substitution and Modification of Bids.

1.21.1 A Bidder may withdraw, substitute, or modify its Bid after it has been submitted by sending a written notice in accordance with ITB Clause 1.18 duly signed by an authorized representative, and shall include a copy of the authorization in accordance with ITB Sub-Clause 1.17.4 (except that no copies of the withdrawal notice are required). The corresponding substitution or modification of the bid must accompany the respective written notice. All notices must be:

(a) Submitted in accordance with ITB Clauses 1.17 and 1.18 (except that withdrawal notices do not require copies), and in addition, the respective envelopes shall be clearly marked "WITHDRAWAL," "SUBSTITUTION," or "MODIFICATION"; and

(b) Received by the Purchaser prior to the deadline prescribed for submission of bids, in accordance with ITB Clause 1.19.

1.21.2 Bids requested to be withdrawn in accordance with ITB Sub-Clause 1.21.1 shall be returned unopened to the Bidders. No bid may be withdrawn, substituted, or modified in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Bid Form or any extension thereof.

E. Opening and Evaluation of Bids

1.22 Opening of Bids by the Purchaser

1.22.1 The Purchaser will open all bids one at a time in the presence of bidders' authorized representatives who choose to attend, as per the schedule given in invitation for bids. The Bidders' representatives who are present shall sign the quotation opening sheet evidencing their attendance. In the event of the specified date of Bid opening being declared a holiday for the Purchaser, the Bids shall be opened at the appointed time and location on the next working day. In two-part bidding, the financial bid shall be opened only after technical evaluation.

1.22.2 First, envelopes marked "WITHDRAWAL" shall be opened and read out and the envelope with the corresponding bid shall not be opened, but returned to the Bidder. No bid withdrawal shall be permitted unless the corresponding withdrawal notice contains a valid authorization to request the withdrawal and is read out at bid opening. Next, envelopes marked "SUBSTITUTION" shall be opened and read out and exchanged with the corresponding Bid being substituted, and the substituted Bid shall not be opened, but returned to the Bidder. No Bid substitution shall be permitted unless the corresponding substitution notice contains a valid authorization to request the substitution and is read out at bid opening. Envelopes marked "MODIFICATION" shall be opened and read out with the corresponding Bid. No Bid modification shall be permitted unless the corresponding modification notice contains a valid authorization to request the modification and is read out at Bid opening. Only envelopes that are opened and read out at Bid opening shall be considered further.

1.22.3 The bidders' names, bid modifications or withdrawals, bid prices, discounts, and the presence or absence of requisite bid security and such other details as the Purchaser, at its discretion, may consider appropriate, will be announced at the opening. No bid shall be rejected at bid opening, except for late bid(s). The contents of the bid forms and price schedules would however be announced only at the time of opening of Priced-bids in the case of two-bid system.

1.22.4 Bids that are received late shall not be considered further for evaluation, irrespective of the circumstances.

1.22.5 **Bidders interested in participating in the bid opening process, should depute their representatives along with an authority letter to be submitted to the purchaser at the time of bid opening.**

1.23. Confidentiality

1.23.1 Information relating to the examination, evaluation, comparison, and post qualification of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until publication of the Contract Award.

1.23.2 Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post qualification of the bids or contract award decisions may result in the rejection of its Bid.

1.24. Clarification of Bids

1.24.1 To assist in the examination, evaluation, comparison and post qualification of the bids, the Purchaser may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing and no change in prices or substance of the bid shall be sought, offered or permitted. However, no negotiation shall be held except with the lowest bidder, at the discretion of the purchaser. Any clarification submitted by a bidder in respect to its bid which is not in response to a request by the purchaser shall not be considered.

1.25. Preliminary Examination

1.25.1 The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in ITB Clause 1.9 have been provided, and to determine the completeness of each document submitted.

1.25.2 The Purchaser shall confirm that the following documents and information have been provided in the Bid. If any of these documents or information is missing, the offer shall be rejected.

(a) Bid Form and Price Schedule, in accordance with ITB Clause1.10;

(b) All the tenders received will first be scrutinized to see whether the tenders meet the basic requirements as incorporated in the tender enquiry document. The tenders, who do not meet the basic requirements, are to be treated as unresponsive and ignored. The following are some of the important points, for which a tender may be declared as unresponsive and to be ignored, during the initial scrutiny:

(i) The Bid is unsigned.

(ii) The Bidder is not eligible.

(iii) The Bid validity is shorter than the required period.

(iv) The Bidder has quoted for goods manufactured by a different firm without the required authority letter from the proposed manufacturer.

(v) Bidder has not agreed to give the required performance security.

(vi)The goods quoted are sub-standard, not meeting the required specification, etc.

(vii) Against the schedule of Requirement (incorporated in the tender enquiry), the bidder has not quoted for the entire requirement as specified in that schedule.

(viii) The bidder has not agreed to some essential condition(s) incorporated in the tender enquiry.

1.26 Responsiveness of Bids

1.26.1 Prior to the detailed evaluation, the purchaser will determine the substantial responsiveness of each bid to the bidding documents. For purposes of this clause, a substantive responsive bid is one, which conforms to all terms and condition of the bidding documents without material deviations, reservations or omissions. A material deviation, reservation or omission is one that:

(a) Affects in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or

(b) Limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the Contract; or

(c) If rectified, would unfairly affect the competitive position of other bidders presenting substantially responsive bids.

1.26.2 The purchasers' determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.

1.26.3 If a bid is not substantially responsive, it will be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation or omission.

1.27 Non-Conformity, Error and Omission

1.27.1 Provided that a Bid is substantially responsive, the Purchaser may waive any nonconformities or omissions in the Bid that do not constitute a material deviation.

1.27.2 Provided that a bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.

1.27.3 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:

(a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;

(b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and

(c) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

1.27.4 Provided that a bid is substantially responsive, the purchaser may request that a bidder may confirm the correctness of arithmetic errors as done by the purchaser within a target date. In case, no reply is received then the bid submitted shall be ignored and its Bid Security may be forfeited.

1.28 Examination of Terms & Conditions, Technical Evaluation

1.28.1 The Purchaser shall examine the Bid to confirm that all terms and conditions specified in the GCC and the SCC have been accepted by the Bidder without any material deviation or reservation.

1.28.2 The Purchaser shall evaluate the technical aspects of the Bid submitted in accordance with ITB Clause 1.14, to confirm that all requirements specified in Schedule of Requirements of the Bidding Documents have been met without any material deviation or reservation.

1.28.3 If, after the examination of the terms and conditions and the technical evaluation, the Purchaser determines that the Bid is not substantially responsive in accordance with ITB Clause 1.26, it shall reject the Bid.

1.29 Conversion to Single Currency

1.29.1 To facilitate evaluation and comparison, the Purchaser will convert all bid pricesexpressed in the amounts in various currencies in which the bid prices are payable to Indian Rupees at the selling exchange rate established by any bank in India as notified in the Newspapers on the date of bid opening in the case of single part bidding and the rates prevalent on the date of opening of the Priced bids in the case of two-part bidding. For this purpose, exchange rate notified in www.xe.comor www.rbi.org or any other website could also be used by the purchaser.

1.30 Evaluation and comparison of bids

1.30.1 The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive.

1.30.2 To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined below. No other criteria or methodology shall be permitted.

1.30.3 The bids shall be evaluated on the basis of final landing cost which shall be arrived as under:

For goods manufactured in India

(i) The price of the goods quoted ex-works including all taxes already paid.

(ii) GST and other taxes like excise duty etc. which will be payable on the goods if the contract is awarded.

(iii) Charges for inland transportation, insurance and other local services required for delivering the goods at the desired destination.

(iv)The installation, commissioning, cost of spares if any, cost of optional items if any and training charges including any incidental services, if any.

For goods manufactured abroad

(i) The price of the goods, quoted on FCA (named place of delivery abroad) or FOB (named port of shipment), as specified in the bidding document.

(ii) The charges for insurance and transportation of the goods to the port/place of destination.

(iii) The agency commission etc., if any.

(iv)The installation, commissioning, cost of spares if any, cost of optional items if any and training charges including any incidental services, if any.

1.30.4 The comparison between the indigenous and the foreign offers shall be made on FOR destination basis and CIF/CIP basis respectively. However, the CIF/CIP prices quoted by any foreign bidder shall be loaded further as under:

(a) Towards customs duty and other statutory levies–as per applicable rates.

(b) Towards custom clearance, inland transportation etc. - 2% of the CIF/CIP value.

Note: Where there is no mention of packing, forwarding, freight, insurance charges, taxes etc. such offers shall be rejected as incomplete.

1.30.5 In the case of Purchase of many items against one tender, which are not inter-dependent or, where compatibility is not a problem, normally the comparison would be made on ex-works, (in case of indigenous items) and on FOB / FCA (in the case of imports) prices quoted by the firms for identifying the lowest quoting firm for each item.

1.30.6 Orders for imported stores need not necessarily be on FOB/FCA basis rather it can be on the basis of any of the incoterm specified in ICC Incoterms 2000 as may be amended from time to time by the ICC or any other designated authority and favourable to NIPERs/ Concerned Ministry.

1.30.7 Wherever the price quoted on FOB/FCA and CIF/CIP basis are the same, the Contract would be made on CIF / CIP basis only.

1.30.8 The GCC and the SCC shall specify the mode of transport i.e., whether by air/ocean/road/rail.

1.30.9 In case optional items are specified in the tendered specifications, the purchaser reserves the right to buy or not to buy the optional items. In case, the option is exercised to buy the optional items, after bid opening, then the cost of the optional items would be included to ascertain the lowest evaluated responsive bid. In case, the option is exercised not to buy the optional items, then the cost of the optional items would not be included in ascertaining the lowest evaluated responsive bid.

Note: Bidders not quoting for the optional items entail the risk of their offer being summarily ignored on the event the purchaser decides to buy the optional items after tender opening.

1.31.1 The Purchaser shall compare all substantially responsive bids to determine the lowest valuated bid, in accordance with ITB Clause 1.30.

1.32 Contacting the Purchaser

1.32.1 Subject to ITB Clause 1.24, no Bidder shall contact the Purchaser on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded.

1.32.2 Any effort by a Bidder to influence the Purchaser in its decisions on bid evaluation, bid comparison or contract award may result in rejection of the Bidder's bid.

1.33 Post qualification

1.33.1 In the absence of pre-qualification, the Purchaser will determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated responsive bid is qualified to perform the contract satisfactorily, in accordance with the criteria listed in ITB Clause 1.13.

1.33.2 The determination will take into account the eligibility criteria listed in the bidding documents and will be based upon an examination of the documentary evidence of the Bidder’s qualifications submitted by the Bidder, as well as such other information as the Purchaser deems necessary and appropriate.

1.33.3 An affirmative determination will be a prerequisite for award of the contract to the Bidder. A negative determination will result in rejection of the Bidder's bid.

F AWARD OF CONTRACT

1.34 Negotiations

1.34.1 There shall not be any negotiation normally. Negotiations, if at all, shall be an exception and only in the case of items with limited source of supply. Negotiations shall be held with the lowest evaluated responsive bidder. Counter offers tantamount to negotiations and shall be treated at par with negotiations in the case of one time purchases.

1.35 Award Criteria

1.35.1 Subject to ITB Clause 1.37, the Purchaser will award the contract to the successful Bidder whose bid has been determined to be substantially responsive and has been determined to be the lowest evaluated bid, provided further that the Bidder is determined to be qualified to perform the contract satisfactorily. The details of the award would be hosted on the website of the Purchaser.

1.36 Purchaser's right to vary Quantities at Time of Award

1.36.1 The Purchaser reserves the right at the time of Contract award to increase or decrease the quantity of goods and services originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions. Further, at the discretion of the purchaser, the quantities in the contract may be enhanced by 30% within the delivery period.

1.37 Purchaser's right to accept Any Bid and to reject any or All Bids

1.37.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to award of Contract, without thereby incurring any liability to the affected Bidder or Bidders.

1.38 Notification of Award

1.38.1 Prior to the expiration of the period of bid validity, the Purchaser will notify the successful bidder in writing by registered letter or by cable or telex or fax or e mail that the bid has been accepted and a separate purchase order shall follow through post.

1.38.2 Until a formal contract is prepared and executed, the notification of award should constitute a binding contract.

1.38.3 Upon the successful Bidder's furnishing of the signed Contract Form and performance security pursuant to ITB Clause 1.41, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its bid security.

1.39 Signing of Contract

1.39.1 Promptly after notification, the Purchaser shall send the successful Bidder the Agreement/PO.

1.39.2 Within twenty-one (21) days of date of the Agreement, the successful Bidder shall sign, date, and return it to the Purchaser.

1.40 Order Acceptance

1.40.1 The successful bidder should submit Order acceptance within 15 days from the date of issue, failing which it shall be presumed that the vendor is not interested and his bid security is liable to be forfeited pursuant to clause 1.15.11 of ITB.

1.40.2 The order confirmation must be received within 15 days. However, the Purchaser has the powers to extend the time frame for submission of order confirmation and submission of Performance Security (PS). Even after extension of time, if the order confirmation/PS are not received, the contract shall be cancelled and limited tenders irrespective of the value shall be invited from the responding firms after forfeiting the bid security of the defaulting firm, where applicable, provided there is no change in specifications. In such cases the defaulting firm shall not be considered again for re-tendering in the particular case.

1.41 Performance Security

1.41.1 Within 21 days of receipt of the notification of award/PO, the Supplier shall furnish performance security (PS) in the amount specified in SCC, valid till 60 days after the warranty period. Alternatively, the PS may also be submitted at the time of release of final payment in cases where part payment is made against delivery & part on installation. The PS, where applicable, shall be submitted in advance for orders where full payment is to be made on Letter of Credit (LC) or on delivery. In this case, submission of PS at the time of negotiation of documents through Bank would be stipulated as a condition in the LC and the BS should be kept valid till such time the PS is submitted.

1.41.2 The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

1.41.3 The Performance Security shall be denominated in Indian Rupees for the offers received for supplies within India and denominated in the currency of the contract in the case of offers received for supply from foreign countries.

1.41.4 In the case of imports, the PS may be submitted either by the principal or by the Indian agent and, in the case of purchases from indigenous sources, the PS may be submitted by either the manufacturer or their authorized dealer/bidder.

1.41.5 The Performance security shall be in one of the following forms:

(a) A Bank guarantee or stand-by Letter of Credit issued by a Nationalized/ Scheduled bank located in India or a foreign bank with preferably its operating branch in India in the form provided in the bidding documents. Or

(b) A Banker’s cheque or Account Payee demand draft in favour of the purchaser. Or,

(c) A Fixed Deposit Receipt pledged in favour of the Purchaser.

1.41.6 The performance security will be discharged by the Purchaser and returned to the Supplier not later than 60 days following the date of completion of the Supplier's performance obligations, including any warranty obligations, unless specified otherwise in SCC, without levy of any interest.

1.41.7 In the event of any contract amendment, the supplier shall, within 21 days of receipt of such amendment, furnish the amendment to the performance security, rendering the same valid for the duration of the contract, as amended for further period of 60 days thereafter.

1.41.8 The order confirmation should be received within 15 days from the date of notification of award. However, the purchaser has the powers to extend the time frame for submission of order confirmation and submission of Performance Security (PS). Even after extension of time, if the order confirmation /PS are not received, the contract shall be cancelled and limited tenders irrespective of the value would be invited from the responding firms after forfeiting the bid security of the defaulting firm, where applicable provided there is no change in specifications. In such cases the defaulting firm would not be considered again for re-tendering in the particular case.

1.41.9 Whenever, the bidder chooses to submit the Performance Security in the form of Bank Guarantee, then he should advise the banker issuing the Bank Guarantee to immediately send by Registered Post (A.D.) an unstamped duplicate copy of the Guarantee directly to the Purchaser with a covering letter to compare with the original BG for the correctness, genuineness, etc.

1.42.0 Pre-bid Conference

1.42.1 A Pre-bid Conference shall be held as indicated in invitation to bid. All prospective bidders are requested to kindly attend the Pre-bid Conference. In order to facilitate the purchaser the proper conduct of the Pre-bid Conference, all prospective bidders are requested to kindly submit their queries (with envelope bearing Tender No. and Date on top and marked "Queries for Pre-bid Conference") so as to reach the purchaser as indicated in invitation to bid. The purchaser shall answer the queries during the pre-bid conference, which would become a part of the proceedings of the Pre-bid Conference. These proceedings will become a part of clarifications / amendments to the bidding documents and would become binding on all the prospective bidders. These proceedings would also be hosted on the purchaser's website for the benefit of all the prospective bidders. Before formulating and submitting their bids, all prospective bidders are advised to surf through the purchaser's website after the Pre-bid Conference, in order to enable them take cognizance of the changes made in the bidding document.

CHAPTER 2

CONDITIONS OF CONTRACT

A GENERAL CONDITIONS OF CONTRACT

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2.1 Definitions

2.1.1 The following words and expressions shall have the meanings hereby assigned to them:

(a) "Contract" means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.

(b) "Contract Documents" means the documents listed in the Contract Agreement, including any amendments thereto.

(c) "Contract Price" means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.

(d) "Day" means calendar day.

(e) "Completion" means the fulfilment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.

(f) "GCC" means the General Conditions of Contract.

(g) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.

(h) "Related Services" means the services incidental to the supply of the goods, such as transportation, insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.

(i) "SCC" means the Special Conditions of Contract.

(j) "Subcontractor" means any natural person, private or government entity, or a combination of the above, to whom any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.

(k) "Supplier" means the natural person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.

(l) The "Institute" means the National Institute of Pharmaceutical Education and Research (NIPER), working under the Department of Pharmaceuticals, Ministry of Chemicals and Fertilizers of the Govt. of India having its office at New Delhi, India and the "Purchaser" means NIPER Guwahati,Assam

(m) "The final destination," where applicable, means the place named in the SCC.

2.2 Contract Documents

2.2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.

2.3 Fraud and Corruption

2.3.1 The purchaser requires that bidders, suppliers, contractors and consultants, if any, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy,

(a) The terms set forth below are defined as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more bidders, with or without the knowledge of the Borrower, designed to establish bid prices at artificial, non-competitive levels; and

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) The purchaser will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question;

2.4 Joint Venture, Consortium or Association

2.4.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfilment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.

2.5 Scope of Supply

2.5.1 The Goods and Related Services to be supplied shall be as specified in Chapter 4 i.e. Specifications and allied technical details.

2.6 Suppliers' Responsibilities

2.6.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with Scope of Supply Clause of the GCC, and the Delivery and Completion Schedule, as per GCC Clause relating to delivery and document.

2.7 Contract price

2.7.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid.

2.8 Copy Right

2.8.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party.

2.9 Application

2.9.1 These General Conditions shall apply to the extent that they are not superseded by provisions in other parts of the Contract.

2.10 Standards

2.10.1 The Goods supplied and services rendered under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standard appropriate to the Goods' country of origin and such standards shall be the latest issued by the concerned institution.

2.11 Use of Contract Documents and Information

2.11.1 The Supplier shall not, without the Purchaser's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of the Purchaser in connection therewith, to any person other than a person employed by the Supplier in performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far, as may be necessary for purposes of such performance.

2.11.2 The Supplier shall not, without the Purchaser's prior written consent, make use of any document or information enumerated above except for purposes of performing the Contract.

2.11.3 Any document, other than the Contract itself, enumerated above shall remain the property of the Purchaser and shall be returned (in all copies) to the Purchaser on completion of the Supplier's performance under the Contract if so required by the Purchaser.

2.12 Patent Indemnity

2.12.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub- Clause 2.12.2 indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

(a) The installation of the Goods by the Supplier or the use of the Goods in India; and

(b) The sale in any country of the products produced by the Goods.

2.12.2 If any proceedings are brought or any claim is made against the Purchaser, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

2.13 Performance Security

2.13.1 Within 21 days of receipt of the notification of award/PO, the Supplier shall furnish performance security in the amount specified in SCC, valid till 60 days after the warranty period. Alternatively, the PS may also be submitted at the time of release of final payment in cases where part payment is made against delivery & part on installation. The PS, where applicable, shall be submitted in advance for orders where full payment is to be made on Letter of Credit (LC) or on delivery. In this case,

submission of PS at the time of negotiation of documents through Bank would be stipulated as a condition in the LC and the BS should be kept valid till such time the PS is submitted.

2.13.2 The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

2.13.3 The Performance Security shall be denominated in Indian Rupees for the offers received for supplies within India and denominated in the currency of the contract in the case of offers received for supply from foreign countries.

2.13.4 In the case of imports, the PS may be submitted either by the principal or by the Indian agent and, in the case of purchases from indigenous sources, the PS may be submitted by either the manufacturer or their authorized dealer/bidder.

2.13.5 The Performance security shall be in one of the following forms:

(a) A Bank guarantee or stand-by Letter of Credit issued by a Nationalized/Scheduled bank located in India or a bank located abroad in the form provided in the bidding documents.

Or

(b) A Banker's cheque or Account Payee demand draft in favour of the purchaser.

Or

(c) A Fixed Deposit Receipt pledged in favour of the Purchaser.

2.13.6 The performance security will be discharged by the Purchaser and returned to the Supplier not later than 60 days following the date of completion of the Supplier's performance obligations, including any warranty obligations, unless specified otherwise in SCC, without levy of any interest.

2.13.7 In the event of any contract amendment, the supplier shall, within 21 days of receipt of such amendment, furnish the amendment to the performance security, rendering the same valid for the duration of the contract, as amended for further period of 60 days thereafter.

2.13.8 The order confirmation should be received within 15 days from the date of notification of award. However, the Purchaser has the powers to extend the time frame for submission of order confirmation and submission of Performance Security (PS). Even after extension of time, if the order confirmation /PS are not received, the contract shall be cancelled and limited tenders irrespective of the value would be invited from the responding firms after forfeiting the bid security of the defaulting firm, where applicable provided there is no change in specifications. In such cases the defaulting firm would not be considered again for re-tendering in the particular case.

2.13.9 Whenever, the bidder chooses to submit the Performance Security in the form of Bank Guarantee, then he should advise the banker issuing the Bank Guarantee to immediately send by Registered Post (A.D.) an unstamped duplicate copy of the

Guarantee directly to the Purchaser with a covering letter to compare with the original BG for the correctness, genuineness, etc.

2.14 Inspections and Tests

2.14.1 The inspections & test, training required would be as detailed in Chapter-4 of the Bidding Document relating to Specification and Allied Technical details.

2.15 Packing

2.15.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage.

Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.

2.15.2 The packing, marking and documentation within and outside the packages shall comply strictly with such special requirements as shall be provided for in the Contract including additional requirements, if any, specified in SCC and in any subsequent instructions ordered by the Purchaser.

2.16 Delivery and Documents

2.16.1 Delivery of the Goods and completion and related services shall be made by the Supplier in accordance with the terms specified by the Purchaser in the contract. The details of shipping and/or other documents to be furnished by the supplier are specified in SCC.

2.16.2 The terms FOB, FCA, CIF, CIP etc.shall be governed by the rules prescribed in the current edition of the Inco terms published by the International Chambers of Commerce, Paris.

2.16.3 The mode of transportation shall be as specified in SCC.

2.17 Insurance

2.17.1 Should the purchaser elect to buy on CIF/CIP basis, the Goods supplied under the Contract shall be fully insured in Indian Rupees against any loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified in SCC.

2.17.2 Where delivery of the goods is required by the purchaser on CIF or CIP basis the supplier shall arrange and pay for Cargo Insurance, naming the purchaser as beneficiary and initiate & pursue claims till settlement, on the event of any loss or damage.

2.17.3 Where delivery is on FOB or FCA basis, insurance would be the responsibility of the purchaser.

2.17.4 With a view to ensure that claims on insurance companies, if any, are lodged in time, the bidders and /or the Indian agent shall be responsible for follow up with their principals

for ascertaining the dispatch details and informing the same to the Purchaser and he shall also liaise with the Purchaser to ascertain the arrival of the consignment after clearance so that immediately thereafter in his presence the consignment could be opened and the insurance claim be lodged, if required, without any loss of time. Any delay on the part of the bidder/Indian Agent would be viewed seriously and he shall be directly responsible for any loss sustained by the purchaser on the event of the delay.

2.18 Transportation

2.18.1 Where the Supplier is required under the Contract to deliver the Goods FOB, transport of the Goods, up to and including the point of putting the Goods on board the vessel at the specified port of loading, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract price. Where the Supplier is required under the Contract to deliver the Goods FCA, transport of the Goods and delivery into the custody of the carrier at the place named by the Purchaser or other agreed point shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract price.

2.18.2 Where the Supplier is required under the Contract to deliver the Goods CIF or CIP, transport of the Goods to the port of destination or such other named place of destination in the Purchaser's country, as shall be specified in the Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.

2.18.3 In the case of supplies from within India, where the Supplier is required under the Contract to transport the Goods to a specified destination in India, defined as the Final Destination, transport to such destination, including insurance and storage, as specified in the Contract, shall be arranged by the Supplier, and the related costs shall be included in the Contract Price.

2.19 Incidental Services

2.19.1 The supplier may be required to provide any or all of the services, including training, if any, specified in chapter 4.

2.20 Spare Parts

2.20.1 The Supplier shall be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:

(a) Such spare parts as the Purchaser may elect to purchase from the Supplier, providing that this election shall not relieve the Supplier of any warranty obligations under the Contract; and

(b) In the event of termination of production of the spare parts:

(i) Advance notification to the Purchaser of the pending termination, in sufficient time to permit the Purchaser to procure needed requirements; and

(ii) Following such termination, furnishing at no cost to the Purchaser, the blueprints, drawings and specifications of the spare parts, if requested.

2.21 Warranty

2.21.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

2.21.2 The Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in India.

2.21.3 Unless otherwise specified in the SCC, the warranty shall remain valid for Twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for Eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.

2.21.3 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

2.21.4 Upon receipt of such notice, the Supplier shall, within a reasonable period of time, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

2.21.5 If having been notified, the Supplier fails to remedy the defect within a reasonable period of time, the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

2.21.6 Goods requiring warranty replacements must be replaced on free of cost basis to the purchaser.

2.22 Terms of Payment

2.22.1 The method and conditions of payment to be made to the Supplier under this Contract shall be as specified in the SCC.

2.22.2 The Supplier's request(s) for payment shall be made to the Purchaser in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and the Services performed, and by documents, submitted pursuant to Delivery and document Clause of the GCC and upon fulfilment of other obligations stipulated in the contract.

2.22.3 Payments shall be made promptly by the Purchaser but in no case later than thirty (30) days after submission of the invoice or claim by the Supplier.

2.22.4 Payment shall be made in currency as indicated in the contract.

2.23 Change Orders and Contract Amendments

2.23.1 The Purchaser may at any time, by written order given to the Supplier pursuant to Clause on Notices of the GCC make changes within the general scope of the Contract in any one or more of the following:

(a) Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;

(b) The method of shipping or packing;

(c) The place of delivery; and/or

(d) The Services to be provided by the Supplier.

(e) The delivery schedule.

2.23.2 If any such change causes an increase or decrease in the cost of, or the time enquired for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within fifteen (15) days from the date of the Supplier's receipt of the Purchaser's change order.

2.23.3 No variation or modification in the terms of the contract shall be made except by written amendment signed by the parties.

2.24 Assignment

2.24.1 The Supplier shall not assign, in whole or in part, its obligations to perform under the Contract, except with the Purchaser's prior written consent.

2.25 Subcontracts

2.25.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under this Contract if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the Supplier from any liability or duties or obligation under the Contract.

2.26 Extension of time.

2.26.1 Delivery of the Goods and performance of the Services shall be made by the Supplier in accordance with the time schedule specified by the Purchaser.

2.26.2 If at any time during performance of the Contract, the Supplier or its sub- contractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier’s notice, the Purchaser shall evaluate the situation and may, at its discretion, extend the Supplier’s time for performance with or without penalty, in which case the extension shall be ratified by the parties by amendment of the Contract.

2.26.3 Except as provided under the Force Majeure clause of the GCC, a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of penalty pursuant to Penalty Clause of the GCC unless an extension of time is agreed upon pursuant to above clause without the application of penalty clause.

2.27 Penalty clause

2.27.1 Subject to GCC Clause on Force Majeure, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as penalty, a sum equivalent to the percentage specified in

SCC of the delivered price of the delayed Goods or unperformed Services or contract value for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the Percentage specified in SCC. Once the maximum is reached, the Purchaser may consider termination of the Contract pursuant to GCC Clause on Termination for Default. The SCC shall also indicate the basis for ascertaining the value on which the penalty shall be applicable.

2.28 Termination for Default

2.28.1 The Purchaser may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Supplier, terminate the Contract in whole or part

(a) If the Supplier fails to deliver any or all of the Goods within the period(s) specified in the contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause on Extension of Time; or

(b) If the Supplier fails to perform any other obligation(s) under the Contract.

(c) If the Supplier, in the judgment of the Purchaser has engaged in corrupt or fraudulent or collusive or coercive practices as defined in GCC Clause on Fraud or Corruption in competing for or in executing the Contract.

2.28.2 In the event the purchaser terminates the contract in whole or in part, he may take recourse to any one or more of the following action:

(a) The Performance Security is to be forfeited;

(b) The purchaser may procure, upon such terms and in such manner as it deems appropriate, stores similar to those undelivered, and the supplier shall be liable for all available actions against it in terms of the contract.

(c) However, the supplier shall continue to perform the contract to the extent not terminated.

2.29 Force Majeure

2.29.1 Notwithstanding the provisions of GCC Clauses relating to extension of time, penalty and Termination for Default the Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

2.29.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

2.29.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof within 21 days of its occurrence. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to

perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

2.29.4 If the performance in whole or in part or any obligations under the contract is prevented or delayed by any reason of Force Majeure for a period exceeding 60 days, either party may at its option terminate the contract without any financial repercussions on either side.

2.30 Termination for Insolvency

2.30.1 The Purchaser may at any time terminate the Contract by giving written notice to the Supplier, if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy, which has accrued or will accrue thereafter to the Purchaser.

2.31 Termination for Convenience

2.31.1 The Purchaser, by written notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

2.31.2 The Goods that are complete and ready for shipment within 30 days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

(a) To have any portion completed and delivered at the Contract terms and prices; and/or

(b) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and for materials and parts previously procured by the Supplier.

2.32 Settlement of Disputes

2.32.1 The Purchaser and the supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

2.32.2 If, after twenty-one (21) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. .

2.32.3 The dispute settlement mechanism/arbitration proceedings shall be concluded as under:

(a) In case of Dispute or difference arising between the Purchaser and a domestic supplier relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Indian Arbitration & Conciliation Act, 1996, the rules there under and any statutory modifications or re-enactments thereof shall apply to the arbitration proceedings. The dispute shall be referred to the Director NIPER Guwahati and if he is unable or unwilling to act, to the sole arbitration of some other person appointed by him willing to act as such Arbitrator. The award of the arbitrator so appointed shall be final, conclusive and binding on all parties to this order.

(b) In the case of a dispute between the purchaser and a Foreign Supplier, the dispute shall be settled by arbitration In accordance with provision of sub-clause (a) above. But if this is not acceptable to the supplier then the dispute shall be settled in accordance with provisions of UNCITRAL (United Nations Commission on International Trade Law) Arbitration Rules.

2.32.4 The venue of the arbitration shall be the place from where the purchase order or contract is issued.

2.32.5 Notwithstanding any reference to arbitration herein,

(a) The parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and

(b) The Purchaser shall pay the Supplier any monies due the Supplier.

2.33 Governing Language

2.33.1 The contract shall be written in English language which shall govern its interpretation. All correspondence and other documents pertaining to the Contract, which are exchanged by the parties, shall be written in the English language only.

2.34 Applicable Law

2.34.1 The Contract shall be interpreted in accordance with the laws of the Union of India and all disputes shall be subject to place of jurisdiction as specified in SCC.

2.35 Notices

2.35.1 Any notice given by one party to the other pursuant to this contract/order shall be sent to the other party in writing or by cable, telex, FAX, e-mail or and confirmed in writing to the other party's address specified in the SCC.

2.35.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

2.36 Taxes and Duties

2.36.1 For goods manufactured outside India, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside India.

2.36.2 For goods Manufactured within India, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred till its final manufacture/production.

2.36.3 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in India, the Purchaser shall make its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.

2.36.4 **All payments due under the contract shall be paid after deduction of statutory levies (at source) (like ESIC, IT, etc.) wherever applicable.**

2.36.5 Excise **Duty** – If the supply is within India, this institute is exempted from payment of Excise Duty as per notification No.10/97 – Central Excise, dated 1st March, 1997.

Customs Duty – If the supply is from abroad this Institute is permitted to import goods as per notification No.51/96 – Customs and pay a concessional duty up to 5% as per notification 24/2002 – Customs on all imports.

2.37 Right to use Defective Goods

2.37.1 If after delivery, acceptance and installation and within the guarantee and warranty period, the operation or use of the goods proves to be unsatisfactory, the Purchaser shall have the right to continue to operate or use such goods until rectifications of defects, errors or omissions by repair or by partial or complete replacement is made without interfering with the Purchaser's operation.

2.38 Protection against Damage

2.38.1 The system shall not be prone to damage during power failures and trip outs. The normal voltage and frequency conditions available at site as under:

(a) Voltage 230 volts – Single phase/ 415 V 3 phase (+_ 10%)

(b) Frequency 50 Hz.

2.39 Site preparation and installation

2.39.1 The Purchaser is solely responsible for the construction of the equipment sites in compliance with the technical and environmental specifications defined by the Supplier. The Purchaser will designate the installation sites before the scheduled installation date to allow the Supplier to perform a site inspection to verify the appropriateness of the sites before the installation of the Equipment, if required. The supplier shall inform the purchaser about the site preparation, if any, needed for installation, of the goods at the purchaser's site immediately after notification of award/contract.

2.40 Integrity Pact

2.40.1 As per directive of the Central Vigilance Commission all organizations including NIPERs have to adopt an Integrity pact (IP) to ensure transparency, equity and competitiveness in major Public procurement activities. The integrity pact envisages an agreement between the prospective bidders/vendors with the buyer committing the persons/officials of both the parties with the aim not to exercise any

corrupt influence on any aspect of the contract. Only those bidders/vendors who are willing to enter in to such an integrity pact with the Purchaser would be competent to participate in the bidding.

2.40.2 IP also envisages Panel of Independent External Monitors (IEMs) which shall be provided/recommended by NIPER Guwahati.

2.40.3 The integrity Pact would be effective from the date of invitation of bids till complete execution of the contract.

2.40.4 The SCC shall specify whether there is a need to enter into a separate integrity pact or not. The model format of integrity pact (IP) is at Chapter-8.

2.41 Import and Export Licenses

2.41.1 If the ordered materials are covered under restricted category of EXIM policy in India the Vendor / Agent may intimate such information for obtaining a necessary license in India.

2.41.2 If the ordered equipment is subject to Vendor procuring an export license from the designated government agency / country from where the goods are shipped / sold, the vendor has to mention the name, address of the government agency / authority. The vendor must also mention the time period within which the license will be granted in normal course.

2.42 Risk Purchase Clause

2.42.1 If the supplier fails to deliver the goods within the maximum delivery period specified in the contract or Purchase Order, The purchaser may procure, upon such terms and in such a manner as it deems appropriate, Goods or Services similar to those undelivered and the Supplier shall be liable to the purchaser for any excess costs incurred for such similar goods or services.

B SPECIAL CONDITIONS OF CONTRACT

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Special conditions of contract (SCC)

The following Special Conditions of Contract (SCC) shall supplement and / or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

GCC 2.1.1(l)	The Purchaser is: The Director, NIPER Guwahati, C/o NETES Institute of Technology & Science, NH-37, Shantipur, Parli Part, Mirza, Assam - 781125, India
GCC 2.1.1(m)	The Final Destination is: NIPER (National Institute of Pharmaceutical Education and Research, Guwahati, C/o NETES Institute of Technology & Science, NH-37, Shantipur, Parli Part, Mirza, Assam - 781125, India
GCC 2.13.1	The amount of the Performance Security shall be10 % of the contract value.
GCC 2.15.2	The marking and documentation within and outside the packages shall be: (a) Each package should have a packing list within it detailing the part No(s), description, quantity etc. (b) Outside each package, the contract No., the name and address of the purchaser and the final destination should be indicated on all sides and top. (c) Each package should be marked as 1/x, 2/x, 3/x……x/x, where "x" is the total No. of packages contained in the consignment. (d) All the sides and top of each package should carry an appropriate indication/label/stickers indicating the precautions to be taken while handling/storage.

GCC 2.16.1	Details of Shipping and other Documents to be furnished by the Supplier are : <u>For goods manufactured within India</u> Within 24 hours of dispatch, the supplier shall notify the purchaser the complete details of dispatch and also supply following documents by registered post / speed post and copies thereof by FAX. (a) Two copies of Supplier's Invoice indicating, *inter-alia* description and specification of the goods, quantity, unit price, total value; (b) Packing list; (c) Certificate of country of origin;
GCC 2.16.1	(d) Insurance certificate, if required under the contract; (e) Railway receipt/Consignment note; (f) Manufacturer's guarantee certificate and in-house inspection certificate; (g) Inspection certificate issued by purchaser's inspector, if any; and (h) Any other document(s) as and when required in terms of the contract. Note: 01. **The nomenclature used for the item description in the Invoices (s), packing list(s) and the delivery note(s) etc. should be identical to that used in the contract. The dispatch particulars including the name of the transporter should also be mentioned in the Invoice(s).** 02. The above documents should be received by the Purchaser before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses <u>For goods manufactured abroad</u> Within 24 hours of dispatch, the supplier shall notify the purchaser the complete details of dispatch and also supply following documents by Registered Post/courier and copies thereof by email. (a) Two copies of supplier's Invoice giving full details of the goods including quantity, value, etc.;

	(b) Packing list; (c) Certificate of country of origin; (d) Manufacturer's guarantee and Inspection certificate; (e) Inspection certificate issued by the Purchaser's Inspector, if any; (f) Insurance Certificate, if required under the contract; (g) Name of the Vessel/Carrier; (h) Bill of Lading/Airway Bill; (i) Port of Loading;
GCC 2.16.1	(j) Date of Shipment; (k) Port of Discharge & expected date of arrival of goods; and (l) Any other document(s) as and when required in terms of the contract. Note: 01. **The nomenclature used for the item description in the invoices(s), packing list(s) and the delivery note(s) etc. should be identical to that used in the contract. The dispatch particulars including the name of the transporter should also be mentioned in the Invoice(s).** 02. The above documents should be received by the Purchaser before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.
GCC 2.16.3	In case of supplies from within India, the mode of transportation shall be by Air/Rail/Road. In case of supplies from abroad, the mode of transportation shall be by Air/Ocean.
GCC 2.17.1	The Insurance shall be for an amount equal to 110% of the CIF or CIP value of the contract from within "warehouse to warehouse (final destination)" on "all risk basis" including strikes, riots and civil commotion.
GCC 2.21.3	The period of validity of the Comprehensive Warranty shall be Three years (36) months from the date of acceptance.

GCC2.22.1	The method and conditions of payment to be made to the Supplier under this Contract shall be as follows: Payment Terms: As a matter of policy being a Government institution no advance payments can be made to suppliers. The following payment terms may please be noted: . For imported items: A letter of credit will be established for 100% value with the following stipulations: (I) 50% Payment will be released against physical delivery of items at NIPER Guwahati in good condition. (II) 40% payment deducting Indian agency commission componentafter satisfactory installation, commissioning, demonstration, training etc. the component of Indian agency commission will be released separately in equivalent Indian currency to Indian agent against submission of their claim. (III) Balance 10% will be released after receiving performance bank guarantee to cover agreed comprehensive warranty obligations.
GCC 2.22.1	The L/C will be confirmed at the suppliers cost, if requested specifically by the supplier. All bank charges abroad shall be to the account of the beneficiary i.e. supplier and all bank charges in India shall be to the account of the opener i.e. purchaser. If L/C is requested to be extended/ reinstated for reasons not attributable to the purchaser, the charges thereof would be to the suppliers' account. Payment of local currency portion shall be made in Indian Rupees within thirty (30) days of presentation of claim supported by a certificate from the Purchaser declaring that the Goods have been delivered and that all other contracted Services have been performed. The LC for 100% value of the contract shall be established after deducting the agency commission payable if any, to the Indian agent from the FGOB/FCA value. Payment for Goods and Services supplied from India: The payment shall be made in Indian Rupees, as follows: (a) After shipment eighty (80) percent of the Contract Price shall be paid on receipt of the Goods in good condition and upon submission of the documents specified in GCC Clause 16.1 (b) On Acceptance: The remaining twenty (20) percent of the Contract value shall be paid to the Supplier within thirty (30) days after the date of the acceptance certificate issued by the Purchaser subject to submission of performance

	security, if any. **Note:** **All payments due under the Contract shall be paid after deduction of statutory levies at source (like ESIC, Income Tax, etc.), wherever applicable.**
GCC 2.27.1	The penalty shall be 0.5% per week or part of a week towards late delivery and towards delay in installation and commissioning.
GCC 2.27.1	The maximum amount of penalty shall be 10% The liquidated damages shall be levied on the delivered price of the delayed Goods or unperformed Services or contract value.
GCC 2.34.1	The place of jurisdiction is Guwahati, India.
GCC 2.35.1	For notices, the Purchaser's address is The Director Attention Purchase Officer Location: NIPER Guwahati, C/o NETES Institute of Technology & Science, NH-37, Shantipur, Parli Part, Mirza, Assam - 781125, India.
GCC 2.35.1	Electronic mail address *:* director@niperguwahati.ac.inpurchase@niperguwahati.ac.in
GCC 2.40.3	The integrity pact is not to be signed. However, efforts must be made to realize the objectives & spirits thereof.

CHAPTER 3

(To be filled by the bidder and enclosed

SCHEDULE OF REQUIREMENT with the Technical Bid.)

Sl. No.	Brief Description of goods and services	Quantity	Physical Unit	Final destination/ Place	Delivery Schedule (to be filled by the bidder)	Time frame required for conducting installation, commissioning of the eqpt., acceptance test, etc. after the arrival of consignment (to be filled by the bidder)

Term of delivery : FOB / FCA / CIF / CIP : ……

Period of delivery shall count from : ……

(to be filled by the bidder)

Scope of Supply : ……

Standards : ……

Training requirement : ……

(Location, no. of persons, period of training, nature of training)

Date : ……

Place : …… **Signature of the Bidder**

PS: Authorization standards that ensure at least a equivalent quality than the standard mentioned in the Technical Specification, will also be acceptable.

CHAPTER 4

Sealed Quotations are invited in two bid system (Technical bid and financial bid separately in sealed envelopes) for our NIPER new campus at Changsari, Guwahati, Assam. Detailed specifications, terms and conditions and lay out of the labs are mentioned below:

Eligibility Criteria:

1. The bidder should submit list of client to whom identical or similar furniture supplied in the preceding three years with their contact details along with documentary evidence such as Purchase Orders executed etc.

2. The Vendors who are in a position to effectively supply the ordered furniture within 30 days from the date of placement of Purchase Order only need to participate.

3. The annual turnover of the furniture business should not be less than 3 crores and turnover of last five years must be produced.

4. The bidder should be in a position to provide satisfactory after sales service and must be able to provide quality maintenance service after expiry of guarantee/warranty period by maintaining sufficient stock of spare parts etc. and serviced mechanics.

5. Bidder should be registered under GST Act with concerned Tax Authorities. The bidder should furnish along with the bid document, the relevant GST Registration Document and PAN / TAN copies.

Sealed Quotations are invited in two bid system (Technical bid and financial bid separately in sealed envelopes) for standard furniture to Library, Administartive office, examination branch, computer centre and Director office at **Academic Block of A to** NIPER new campus at Changsari, Guwahati, Assam as per the layouts of the drawings enclosed as **Annexure 1 and Annexure 2.** Detailed specifications, terms and conditions of the labs are mentioned below:

BoQ for the STANDARD FURNITURE

BILL OF QUANTITIES FOR FURNITURE at ACADEMIC BLOCK-A		
S.No	**Description**	**Qty**
A	**GROUND FLOOR**	
1	**Cafeteria**	
1.1	Dining Table Model 1 - 4 seater	19
1.2	Chairs for dining hall	76
1.3	Student Dining Table Model 2- 6 seater	17
1.4	Chairs for student dining Table Model 2	102
B	**First floor Left wing**	
1	**Library**	

1.1	Reading Tables with swing leg of size of 3000 mm (W) x 1200 mm (D) - 8 seater capacity	6
1.2	Visitor chair with arm, Model 5	48
1.3	Computer workstations - with size of 1200W x 600D with screen on front & both the sides.	30
1.4	Revolving chairs with arm, Model 5	30
1.5	Circular meeting table with 1050 Diameter along with Swing leg	3
1.6	Revolving Chairs of Model 6	12
1.7	Glass door store well	2
1.8	Double sided wood & steel book rack base unit with stand.	5
1.9	Double sided wood & steel book rack with add-on unit along with stand.	25
1.10	Office Table (Model 2) along with back unit	1 each
1.11	Revolving chairs (Models 1)	1
1.12	Visitor Chair (Model 1)	3
1.13	Reception Table for Library: Capacity for 2 persons with Overall size of 3300 mm (W1) x 1500 mm (W2) x 600 mm (D) x 900 mm (Partition Ht.) with one no. each of mobile pedestal KBPT and CPU trolley.	1
1.14	Revolving Chairs for Reception (Model 2)	3
1.15	High density storage system (Model 1)	1
1.16	Table for printer & xerox -	1
1.17	4 Door Personal Locker unit with individual locking provision comprising of 1 Base & 3 Add-on Units per set	3
1.18	Storage Units (model 4)	1
2	**Examination Branch**	
2.1	Office Table (Model 2) along with back unit	1
2.2	Revolving chairs (Model 1)	1
2.3	Visitor Chair (Model 1)	3
2.4	Revolving chairs (Model 2)	3
2.5	Table for printer & xerox -	1
2.6	Modular partition system of size : 1500 mm (W1) x 1500 mm (W2) x 600 mm(D) x 1200 mm (Parition ht.) with one no. each of Mobile Pedestal, CPU Trolley and KBPT.	2
2.7	Storage unit Reserve (Model 2)	3
2.8	Storage Units (model 3)	1
2.9	Storage Units (model 4)	1
2.10	High density storage system (Model 1)	1
C	**Right Wing First Floor**	
1.1	Office circular bench (Model 1) with planter	1+1
1.2	Office Table (Model 3) along with back Unit as well as storage unit	1
1.3	Revolving Chair (Model 4)	1
1.4	Visitor Chair (Model 4)	3
1.5	Sofa (3 seater +1 +1)	1
1.6	Wooden wardrobe	1
1.7	Office Table (Model 2) along with back unit	4
1.8	Revolving Chair (Model 3)	1
1.9	Visitor Chair (Model 3)	2
1.10	Storage Units (model 4)	2

1.11	Cubical workstation of size 1500 (W1) x 1350 (W2) x 600 (D) x 1200 (Partition ht.) with Mobile pedestal, KBPT and CPU Trolley	4
1.12	Revolving Chairs (Model 2)	8
1.13	High density storage system (Model 1)	1
1.14	Conference Table 8 seater capacity	1
1.15	Revolving chairs (Model 1)	3
1.16	Visitor Chair (Model 1)	6
D	**SECOND FLOOR (Right side) Director Office**	
1.1	Revolving Chair (Model 3)	1
1.2	Visitor Chair (Model 3)	2
1.3	Office Table (Model 2) along with back unit and storage unit	1`
1.4	Corner Table with one sink	1
1.5	High density storage system (Model 1)	1
1.6	Modular conference table Senate with wire manager for 44 seating capacity	1
1.7	Revolving chairs (Model 3)	44
1.8	Visitor Chair (Model 3)	29
1.9	Office Table (Model 3) along with back Unit as well as storage unit	1
1.10	Revolving Chair (Model 4)	1
1.11	Visitor Chair (Model 4)	3
1.12	Sofa (3 seater +1 +1)	1
1.13	Circular meeting table with 1050 Diameter along with Swing leg	1
1.14	Revolving Chairs of Model 6	4
E	**Third Floor (Left Side) Computer Centre**	
1.1	Office Table (Model 2) along with back unit and storage unit	1`
1.2	Revolving chair (Model 1)	1
1.3	Visitor Chair (Model 1)	2
1.4	Computer workstations - with size of 1200W x 600D with screen on front & both the sides.	30
1.5	Modular workstation of size : 1350 mm (W) x 600 mm(D) with CPU Trolley and KBPT.	28
1.6	Revolving chairs with arm, Model 2	28
1.7	Modular partition system size : 1800 mm (W) x 750 mm(D) x 1200 mm with CPU Trolley and KBPT.	36
1.8	Office Table with CPU Hanger	2
1.9	Panel based modular partition system size : 1650 mm (W) x 600 mm(D) x 1200 mm (Partition Ht.) with Mobile pedestal, CPU Trolley and KBPT.	10
1.10	Storage Units (model 4)	1
1.11	Table for printer & xerox -	1
F	**Third Floor (Right Side) Incubation Centre**	
1.1	Office Table (Model 2) along with back unit and storage unit	1`
1.2	Revolving chair (Model 1)	1
1.3	Visitor Chair (Model 1)	2

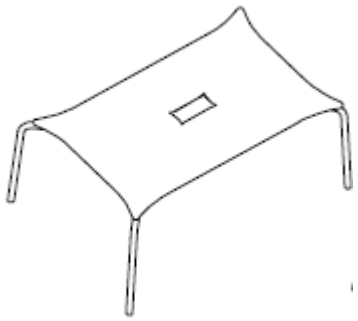
Technical Specification for Furniture

A. GROUND FLOOR	
1.	**CAFETERIA**

<table>
<tr><th>SLNO</th><th>ITEM WITH MODEL</th><th>SPECIFICATION</th></tr>
<tr><td>1.1</td><td>Dining Table Model 1 - 4 seater</td><td>Faculty Dining Table (4-Seater)

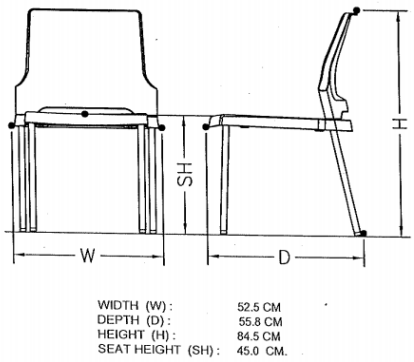
<table>
<tr><th>Parts</th><th colspan="3">Dimension(mm)</th></tr>
<tr><td></td><td>L</td><td>W</td><td>H(Thickness)</td></tr>
<tr><td>Dining Top</td><td>1170</td><td>750</td><td>22 to 26 mm</td></tr>
<tr><td>Legs</td><td>130</td><td>65</td><td>742</td></tr>
<tr><td></td><td></td><td></td><td></td></tr>
<tr><td>Overall</td><td>1170</td><td>750</td><td>760</td></tr>
<tr><td></td><td></td><td></td><td></td></tr>
</table>
Metal material used: Bolt & washer.
Wooden material:Sheesham wood.
Metal part color: Black.
Wooden part color: Dark brown.</td></tr>
<tr><td>1.2</td><td>Chairs for faculty dining hallModel 2</td><td>Faculty Dining Chair

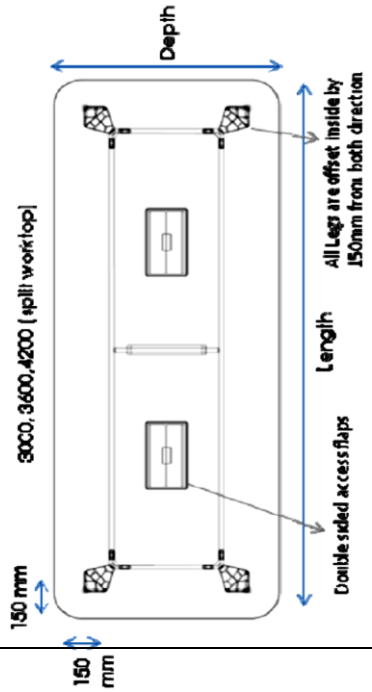
<table>
<tr><th>Parts</th><th colspan="3">Dimension(mm)</th></tr>
<tr><td></td><td>L</td><td>W</td><td>H(Thickness)</td></tr>
<tr><td>Dining Chair</td><td>450</td><td>450</td><td>950</td></tr>
<tr><td>Cushion Seat</td><td>450</td><td>450</td><td>50</td></tr>
<tr><td></td><td></td><td></td><td></td></tr>
<tr><td>Overall</td><td>1170</td><td>750</td><td>760</td></tr>
<tr><td></td><td></td><td></td><td></td></tr>
</table>
Metal material used: Screw & L clip.
Wooden material:Sheesham wood.
Metal part color: Black.
Wooden part color: Dark brown.</td></tr>
<tr><td>1.3</td><td>Student Dining Table Model 2- 6 seater

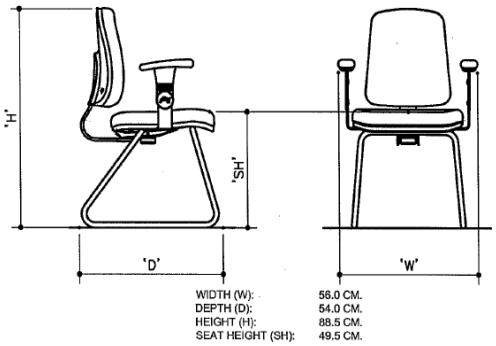
  </td><td>Student’s Dining Table with PU Coated

Work-surface:- 25 mm thick (±1 mm). Base material 25 mm MDF board. On top PU painting of Minimum 2H hardness with 75% gloss as per color chart, Combination color Graphics on the centre. Color as per color chart. Brown laminate on bottom. Specially profiled edge for comfort.
Understructure: Bend pipe understructure of MS. Powder coated. Pie diameter 38 mm. 2 mm. thick. Understructure fitted with top by SS machine screws.
Legs: MS powder coated legs for PU top & SS legs for membrane top. 38 mm diameter pipe legs are fixed with understructure and table top.
Glide: Plastic Glide at the understructure to prevent the damage of table top during stacking.

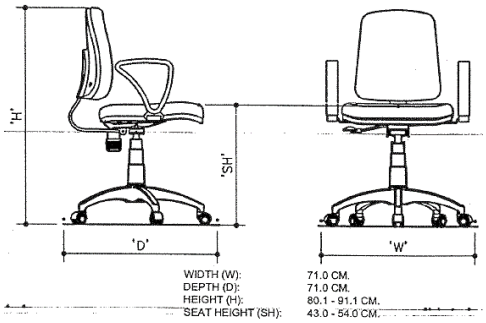
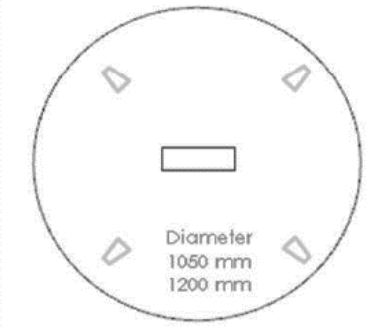
<table>
<tr><td>Table Type</td><td>W1</td><td>W2</td><td>W3</td><td>B1</td><td>B2</td><td>B3</td></tr>
</table></td></tr>
</table>

		6 Seater Cafeteria Table: 1090 | 1175 | 1734 | 1040.8 | 1090.4 | 1662.6
1.4	Chairs for student dining Table **Model 2** (STAINLESS STEEL UNDERSTRUCTURE)  WIDTH (W) : 52.5 CM DEPTH (D) : 55.8 CM HEIGHT (H) : 84.5 CM SEAT HEIGHT (SH) : 45.0 CM.	**Student's Dining Chair with PU Coated** **Seat/Back:** The seat and back should made up of injection moulded high impact strength PolyPropylene polymer compound with indoor grade UV resistance (Refer color chart in product catalog) ***Seat size:** 52.5 cm. (W) X 53.2 cm. (D) ***Back size:** 51.6 cm)W) X 40.5 cm. (H) **SS Understructure Option for Café Chair:** The tubular welded frame is made from dia 2.22 ± 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 strength Polypropylene polymer compound with indoor grade UV resistance and assembled over the tubular frame.

B. FIRST FLOOR LEFT WING		
1	**LIBRARY**	
SLNO	**ITEM WITH MODEL**	**SPECIFICATION**
1.1	Reading Tables with swing leg of size of 3000 mm (W) x 1200 mm (D) - 8 seater capacity  	Conference Table (8 Seating Capacity) **Conference module of overall size 3000 mm (W) x 1200 mm (D)** **Work surfaces:** Worktop shall be made of 25MM thick Pre-Laminated Board conforming to IS: 12823. All the edges of the work surface shall be provided with machine pressed 2 mm thick PVC lipping glued with hot melt EVA glue. Provided with including access flap power box and wire raiser. • Grain direction along the width of the worktop. • Worktops are available either with Grommet or Access flap cutouts. **Swing Leg** • Swing legs are fabricated from MS ERW Tube 50 mm x 25 mm x 1.2mmthick (as per IS: 7138 ERW) along with a PDC (Swing leg corner PDC) part made from Aluminum alloy, which is connected to the worktop and cross members. • Swing leg can be offered in dual color. • This is a three-dimensional leg which has an inclination in 2 planes, it has a ball socket M8 leveler with bottom translucent cap, that allows adjustment up to 50 mm height. **Cross members/connectors Conference module:** • Cross members in the Upbeat system are made from 50 mm x 25 mm x 1.2mm thick (as per IS: 7138 ERW). • Cross members are assembled by friction fit PDC joinery and Grub screws. • All cross members are mounted at a distance of 165 mm from the

		worktop sides.
1.2	Visitor chair with arm, **Model 5** 	**Seat/Back Assembly:** The seat must be made from 1.2±0.1cm thick hot-pressed plywood measured as per QA method described in OCP-QLTA-P14-18 and back is injection moulded from black Co-polymer Polypropylene upholstered with fabric and moulded Polyurethane foam together with seat and back covers. The back foam is designed with contoured lumbar support for extra comfort. • **Seat Size:** 45.0 cm (W) X 42.0 cm (D) • **Back Size:** 39.0 cm (W) X 38.0 cm (H) **Seat/Back Covers:** The seat and back covers are to be injection moulded in black Co-polymer Polypropylene. **High Resilience (HR) Polyurethane Foam:** The HR polyurethane foam must be moulded with density = 45 +/- 2 kg/m3 and hardness load 16±2 kgf as per IS:7888 for 25% compression. **Armrest Assembly:** The armrests should have made of black integral skin Polyurethane with 50-70 Shore 'A' Hardness and reinforced with M.S. insert. The P.U. armrests are then fixed to black powder-coated (DFT 40-60 microns) armrest brackets made of 0.5±0.05 cm thick. HR steel and fitted with claddings made of injection moulded Polypropylene. Fixed type mechanism: It can be without back tilt. **Tubular Frame:** The tubular frame should be made up of Ø 2.54 ±0.03 cm. X 0.2 ± 0.016 cm. thick M.S. E.R.W. tube and black powder-coated (DFT 40-60 microns).
1.3	Computer workstations - with size of 1200W x 600D with screen on front & both the sides.	**Computer Workstation (1200mm(W) x 600mm(D) x 1200mm(H))** Panel Based modular furniture system should be comprised of two types of panels as per their thickness viz 52.4mm and 22.8 mm. The 52.4 mm panel should be comprised of – 2 nos of vertical extrusion made of aluminium. Horizontal extrusion made of aluminium at every division of tile/block. The numbers of these horizontal extrusions vary as per panel height. Blocks made out of composite construction of MDF and paper honeycomb. Number of these blocks may vary as per panel height. One no. of fabricated bottom frame as a welded structure of steel component. 2 nos. of bottom tiles, 2 nos. of top tiles, 1no of top trim made of aluminium extrusion, These panels are supported on legs with levellers The 22.8 mm panel should be comprises of – 2 nos. of vertical extrusion made of aluminium. Horizontal extrusion made of aluminium at every division of tile/block. The numbers of these horizontal extrusions may vary as per panel height Blocks made out particle board with various finishes. Number of these blocks vary as per panel height. 1no of top trim made of aluminium extrusion, 1no of end trim made of aluminium extrusion ,1 no of end trim cap made of aluminium die cast, These panels are supported on legs with levellers. These panels have restricted finish and no cable management facilities. Bottom frame integrated with uprights to form the understructure for the panel. Fabricated bottom frame for 52.4mm panel comprises L-channels, formed plates and steel tube welded together. Coated with epoxy powder coating and available in 300 mm to 1800 mm standard width with a height of 256 mm. The Panel legs should be used for supporting panels at a raised level to have a clean and airy workplace. Single side legs should be used for supporting the work surface on one side only. They should be fabricated by CO2 welded MS Tube with the MS base plate, over

		which leveler is fitted. They are classified as Single Side Leg for 52.4 mm panel & Single Side Leg for 22.8 mm panel. Coated with epoxy powder coating. Double side legs used for supporting the work surface on both sides. They should be fabricated by CO2 welded MS Tube with the MS base plate, over which leveller is fitted. They are classified as Double Side Leg for 52.4 mm panel & Double Side Leg for 22.8 mm panel. Coated with epoxy powder coating. Verticals and Horizontals work as a spine to the entire panel system. The blocks and metal frame should be held together by verticals at both ends of the panel and horizontals between each block and tile. Horizontal extrusions provide a slot for mounting accessories on the tiles. Top trim and end trim get fixed to the Horizontals and Verticals respectively Coated with epoxy powder coating. Cover Trims should be used to enhance the aesthetic of the system and offer finished looks to the entire system. Top and end trim connects to the Horizontals and Verticals respectively. Top trims and end trims are made of aluminum extrusion having an average wall thickness of 1.2 mm. Coated with epoxy powder coating. The Joinery post should be used for supporting panels to form different layout. Joinery post should be made of aluminium extrusion having an average wall thickness of 1.2 mm. Coated with epoxy powder coating. Die-Cast Caps should be used to cover exposed top edge of Panel at junctions and ends. Die-cast caps are made of aluminium alloy having an average wall thickness of 1.2 mm. Coated with epoxy powder coating. Grouting post should be used for supporting 52.4 mm panels in configurations, where a panel is not connected to the work surface or is a free-standing panel. It is connected to vertical extrusion of the panel and grounded to the floor below with grouting bolts. Grouting post is made of MS plate with the base plate of 5 mm thick. Coated with epoxy powder coating. Grouting post available only in a single size for all heights of panels. **Tiles:** Top Tiles for 52.4 mm thick panel can be offered in a variety of combinations. These tiles are slid into the panels from the top before fixing the top horizontal. These tiles are supported from the top and bottom side with clips made from PP copolymer fitted in horizontal extrusion. These tiles should be of Fabric magnetic finish. Fabric Magnetic Tiles are fabric upholstered metal tiles in 0.6 mm thick G.I. Grade O as per IS: 277. The fabric is upholstered with adhesives. Bottom Tiles for 52.4 mm thick panel should be press-fitted on to the assembly frame of the panel with the help of snap-on clips made of nylon-66 and support clips made from PP copolymer. These tiles should be of Plain metal finish. Plain Metal Tiles are made of 0.6 mm thick M.S. CRCA Grade D as per IS: 513 and powder coated with Epoxy- Polyester finish. Worksurface should be made of 25 mm thick pre-laminated particle board having all its edges with minimum 2 mm thick PVC edge banding. The worksurface shall be provided with circular cut out of 0.65mm diameter as per the requirement, for the passing of wires. These cutouts shall be provided with ABS covers. Brackets provide support for worksurface. They should be classified as Worksurface Bracket mounted on to the Horizontal extrusion. It is made from 2.0 mm thick CRCA grade D steel as per IS: 513-19. 6 numbers of ribs are provided on the work surface for strengthening

		purposes. All the work surface should be mounted on the worksurface through round Philip head diameter 4 mm x 19 lengths having finish zinc plated blue. Holder Bracket made from 2.0 mm thick CRCA grade D steel as per IS:513-19. It is slid in between end trim and vertical extrusion and mounted on the work surface
1.4	Revolving chairs with arm, **Model 5** 	**Revolving Chair Low Back** **Seat/Back Assembly**: The seat should have made from 1.2±0.1 cm thick. Hot pressed plywood measured as per QA method described in OCP-QLTA-P14-18 and back is injection moulded from black co-polymer Polypropylene upholstered with fabric and moulded Polyurethane from together with seat and back covers. The back foam is designed with contoured lumbar support for extra comfort. • Seat size: 45.0 cm(W)X42.0cm (D) • Back size: 39.0 cm (W) X 38.0 cm (H) Seat Back covers: The seat and back covers are injection moulded in black co-polymer polypropylene. High Resilience (HR) Polyurethane Foam: It is moulded with density = 45 + /-2 kg/m3 and hardness load 16 ±2 kgf as per IS:7888 for 25% compression. **Armrest Assembly:** The one-piece armrests.
1.5	Circular meeting table with 1050 Diameter along with Swing leg 	**Circular table.** • The circular table should be in size Dia. 1050 mm. • The circular meeting table should be a single access flap and power box with a raiser for wire management. **Work surfaces:** Worktop shall be made of 25MM thick Pre-Laminated Board conforming to IS: 12823. All the edges of the work surface shall be provided with machine pressed 2 mm thick PVC lipping glued with hot melt EVA glue. Provided with including access flap power box and wire raiser. • Grain direction along the width of the worktop. • Worktops are available either with Grommet or Access flap cutouts. **Swing Leg** • Swing legs are fabricated from MS ERW Tube 50 mm x 25 mm x 1.2mmthick (as per IS: 7138 ERW) along with a PDC (Swing leg corner PDC) part made from *Aluminum alloy*, which is connected to the worktop and cross members. • Swing leg should be offered in dual color. • This should be a three-dimensional leg which has an inclination in 2 planes, it has a ball socket M8 leveler with bottom translucent cap, that allows adjustment up to 50 mm height. **Cross-member/connector Meeting table:** • Cross members in the Upbeat system are made from 50 mm x 25 mm x 1.2mm thick (as per IS: 7138 ERW). • Cross members are assembled by friction fit PDC joinery and Grub screws. All cross members are mounted at a distance of 165 mm from the worktop sides.
1.6	Revolving Chairs of Model **6**	**SEAT ASSEMBLY:** The seat assembly must be made up of 1.2±0.1 cm, thick hot-pressed plywood measured as per QA method described in OCP-QLTA-P14-18, UPHOlstered with fabric upholstery covers and moulded Polyurethane foam. **SEAT SIZE :** 47.0 cm (W) x 48.0 cm (D)

<table>
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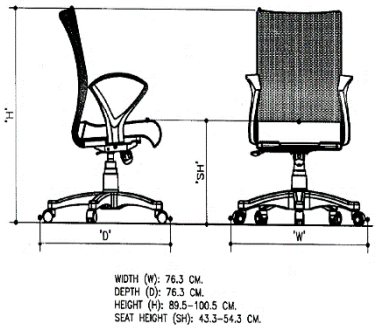
<td> 
</td>
<td>BACK ASSEMBLY: The back assembly must be made of powder-coated (DFT 40-60 microns) tubular frame of Ø 2.54 ± 0.03 cm x 0.2 ± 0.016 cm thick. MS ERW tube designed with contoured lumbar support for extra comfort. The back is upholstered using Net fabric with high tenacity yarn.

BACK SIZE: 46.5cm (W)x60.5 cm. (H)
High Resilience (HR) Polyurethane Foam: The HR polyurethane foam has to be moulded with density =45+/-2 kg/m3 and hardness load 16±2 kgf as per IS:7888 for 25% compression.

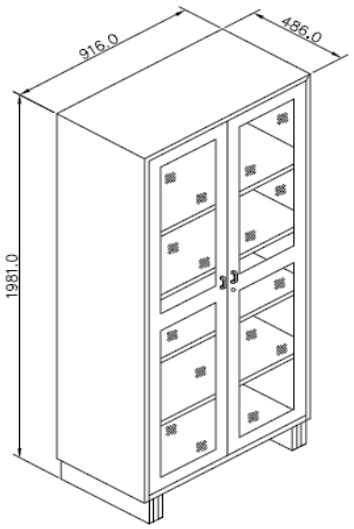
Armrests: The one-piece armrests should have injection moulded from black Co-polymer Polypropylene.

Central-Tilt Mechanism: The mechanism must be designed with the following features:
• 360˚ revolving type.
• 17˚ ± 2˚ maximum tilt on a pivot at the center.
• Upright position locking.
• Tilt tension adjustment.

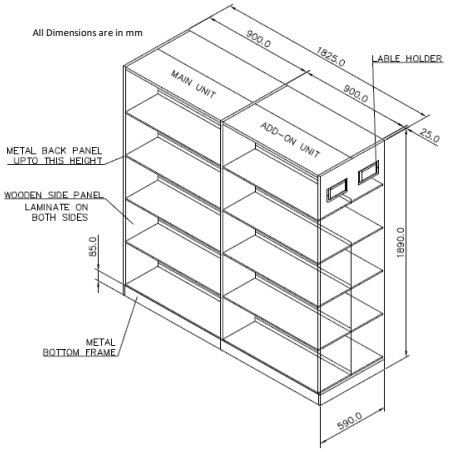
Pneumatic Height Adjustment: It should have an adjustment stroke of 11.0±0.3 cm.

Telescopic Bellow Assy: The below is 3 pieces telescopic type and injection moulded in Black Polypropylene.

Pedestal Assembly: It should be injection moulded in black 33% glass-filled Nylon66 and filled with 5 nos. twin wheel castors. The pedestal is 66.3±0.5 cm. pitch-contor dia. (76±1.0 cm with castors).

Twin wheel castors: These are to be injection moulded in black Nylon.</td>
</tr>
<tr>
<td>1.7</td>
<td>Glass door store well
 
</td>
<td># Overall Size: 915 mm (W) x 486mm (D) x 1981 mm (H)
Construction and Materials:
o Welded construction.
o 0.8 mm thick CRCA for Shelf & 0.9 mm thick CRCA for all other components.
Door •Glasses fitted to full height steel frame.
Locking •2-way locking mechanism with shooting bolt.
Handle •Chrome plated brass handle.
Shelving
•Height wise Adjustable Shelves 4 Nos.
•Uniformly Distributed Load Capacity per full shelf is 80 Kg maximum
Leveler M10 Screw type leveler with hex plastic base.
Finish Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10).</td>
</tr>
<tr>
<td>1.8</td>
<td>Double sided wood & steel book rack base unit with stand.</td>
<td>Double sided wood & steel Bookrack main (Base Unit)

<table>
<tr><th>S.No.</th><th>Feature or parameter</th><th>Specifications</th></tr>
<tr><td>1</td><td>Product Size:</td><td>Width: 925mm Main Unit/900mm Add On Unit , Height: 1890mm(Incl. 85mm Skirting)
Depth: 590mm</td></tr>
<tr><td>2</td><td>Construction:</td><td>Rigid knockdown</td></tr>
</table></td>
</tr>
</table>

<table>
<tr>
<td></td>
<td> 
</td>
<td>
<table>
<tr><td></td><td></td><td>construction.
Back panel up to the bottom of third rack for
additional rigidity.</td></tr>
<tr><td>3</td><td>Material:</td><td>Racks, Back Panel & Skirting: CRCA 0.8mm
Thickness.
Side panels: 25mm thk Prelaminated particle
board (PLB) with laminate on both sides.</td></tr>
<tr><td>4</td><td>Finish:</td><td>Metal panels: Epoxy Polyester Powder coated
to the thickness of 50 microns (+/-10).</td></tr>
<tr><td>5</td><td>Stackability:</td><td>The add-on units can be stacked width wise to
form a bank of racks having common side
panel.</td></tr>
<tr><td>6</td><td>Number of racks:</td><td>Bottom plus four fixed racks on each side.
(Total 10 loading levels). Each rack is
provided with stiffener at bottom for
strength.
□□Uniformly Distributed Load Capacity per
each full shelf is 80 Kg maximum.</td></tr>
<tr><td>7</td><td>Rack back stiffener</td><td>At the rear side of the racks back stiffeners are
provided. These are to support books on the
rear side & also act as divider between front &
rear books in upper two compartments.</td></tr>
<tr><td>8</td><td>Label holder:</td><td>Label Holder on each main unit to insert labels
for identification.</td></tr>
</table>
</td>
</tr>
<tr>
<td>1.9</td>
<td>Double sided wood & steel book rack with add-on unit along with stand.</td>
<td>
Double sided wood & steel Bookrack add-on Unit
<table>
<tr><th>S.No.</th><th>Feature or parameter</th><th>Specifications</th></tr>
<tr><td>1</td><td>Product Size:</td><td>Width: 925mm Main Unit/900mm Add On Unit ,
Height: 1890mm(Incl. 85mm Skirting)
Depth: 590mm</td></tr>
<tr><td>2</td><td>Construction:</td><td>Rigid knockdown construction.
Back panel up to the bottom of</td></tr>
</table>
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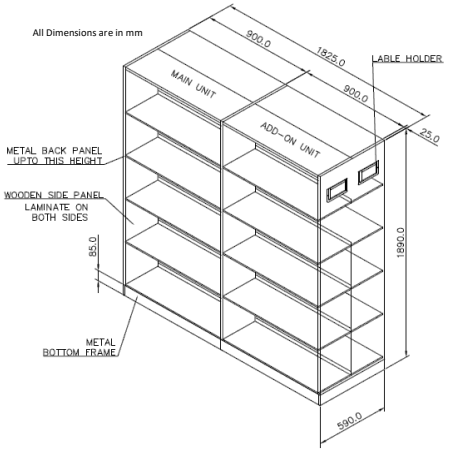
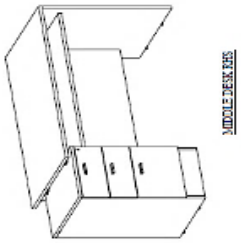
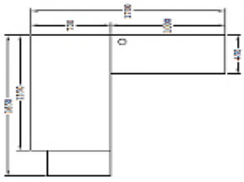
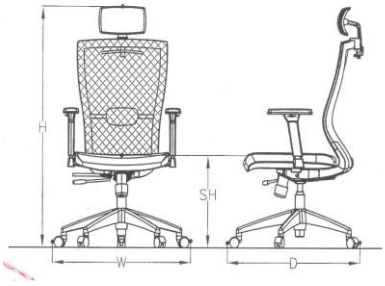
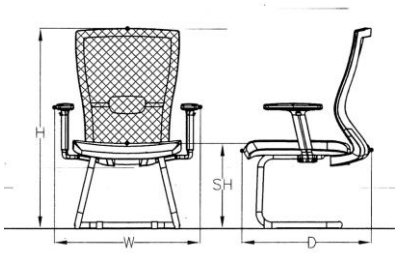
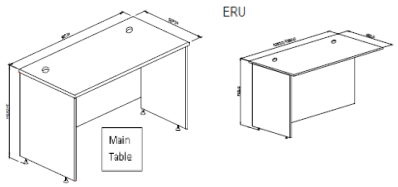
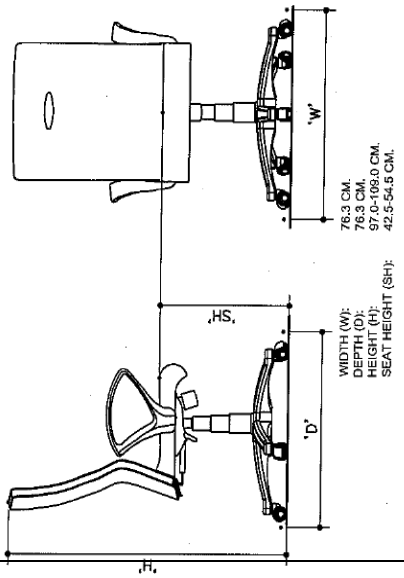
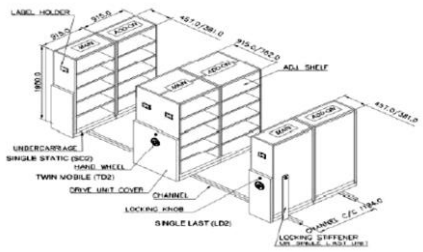
<td> 

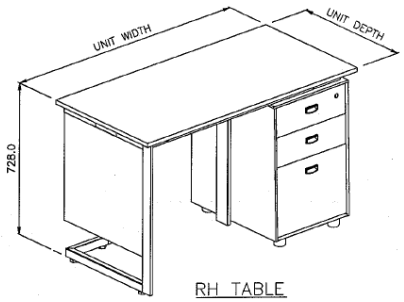
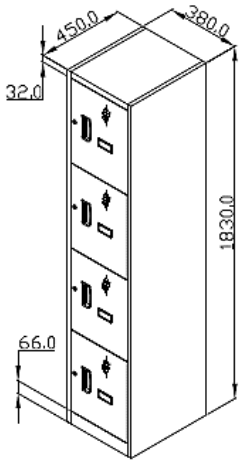



<table>
<tr><td></td><td></td><td>third rack for
additional rigidity.</td></tr>
<tr><td>3</td><td>Material:</td><td>Racks, Back Panel & Skirting: CRCA 0.8mm
Thickness.
Side panels: 25mm thk Prelaminated particle
board (PLB) with laminate on both sides.</td></tr>
<tr><td>4</td><td>Finish:</td><td>Metal panels: Epoxy Polyester Powder coated
to the thickness of 50 microns (+/-10).</td></tr>
<tr><td>5</td><td>Stackability:</td><td>The add-on units can be stacked width wise to
form a bank of racks having common side
panel.</td></tr>
<tr><td>6</td><td>Number of racks:</td><td>□□Bottom plus four fixed racks on each side.
(Total 10 loading levels). Each rack is
provided with stiffener at bottom for
strength.
□□Uniformly Distributed Load Capacity per
each full shelf is 80 Kg maximum.</td></tr>
<tr><td>7</td><td>Rack back stiffener</td><td>At the rear side of the racks back stiffeners are
provided. These are to support books on the
rear side & also act as divider between front &
rear books in upper two compartments.</td></tr>
<tr><td>8</td><td>Label holder:</td><td>Label Holder on each main unit to insert labels
for identification.</td></tr>
</table>
</td>
</tr>
<tr>
<td>1.10</td>
<td>Office Table along with back unit Model 2</td>
<td>
<table>
<tr><td></td><td>Middle Desk</td><td>Middle ERU</td></tr>
<tr><td>Top Thickness</td><td>18</td><td>18</td></tr>
<tr><td>Top Dimension</td><td>1650*700</td><td>1000*450</td></tr>
<tr><td>Under structure Height</td><td>725</td><td>725</td></tr>
</table>
</td>
</tr>
</table>

		<table><tr><td>Overall Hieght</td><td>743</td><td>743</td></tr></table> A) **Understructure:** • The understructure should be in prelam panels, made with PLT boards. • 2-Drawer and 3-Drawer storage units with different combinations to support Tops, made with 18mm PLT boards of different colours. • Modesty and back panels, made with 18mm PLT boards. **B) PLT Board Tops (Straight Edges) for Executive desk and side unit:** • Tops for Junior1, Junior2, and Middle desk with ERU are of 18mm thickness. • Made of 18mm thick PLT board with 2mm PVC lipping • Wenge and Savannah Maple PLT board used for making Tops.
1.11	Revolving chairs **Model 1**  	**Revolving Chair with Head Rest** **Seat Assembly:** The seat should have made up of 1.4±0.1 cm thick hot-pressed plywood upholstered with fabric and moulded polyurethane foam. It has to be a seat depth adjustment of 5.0±0.3 cm integrated into the seat through a sliding mechanism. • Seta size**:** 50.0 cm (W) X 49.0 cm (H) **Back Assembly:** The back has to be injection moulded in Glass-filled Polyamide which is upholstered with Mesh fabric. The back consists of adjustable Lumbar support made of injection moulded Polypropylene having an adjustment of 6.0±0.1 cm. • **Back Size:** 50.0 cm (W) X 68.0 cm (H) **Polyurethane Foam:** The polyurethane foam for the seat should have density = 55 ± 5 kg/m3. **Adjustable Armrests:** The height-adjustable armrest must be made of Polyamide structure and Polypropylene housing with moulded PU arm top shall have an adjusted of 7.0±0.3cm. **Mechanism:** The mechanism must be designed with the following features: • 360-degree revolving type. • Center tilt syncro. • 3 position (including upright lock) giving the option of variable tilt angle to the chair with an anti-shock feature. **Headrest:** The headrest must be injection moulded in Glass Filled Polypropylene which is upholstered with foam and fabric. It shall have an adjustment of 6.0±0.1 cm & its assembled over the Full back chair. Pneumatic Height Adjustment: The pneumatic height adjustment should be chrome plated with an adjustment stroke of 9.0±0.3 cm. **Pedestal Assembly:** The pedestal has to be injection moulded polyamide and fitted with 5 nos twin wheel castors. The pedestal is 66.0 ± 0.5 cm P.C.D. **Twin Wheel Castors:** The twin wheel castors should be be injection moulded in black Glass-filled polyamide having 6.0±0.1 cm wheel Diameter.
1.12	Visitor Chair **Model 1**	**Visitor Chair** **Seat Assembly:** The seat should have made up of 1.4±0.1 cm thick hot-pressed plywood upholstered with fabric and moulded polyurethane foam. It has to be a seat depth adjustment of 5.0±0.3 cm

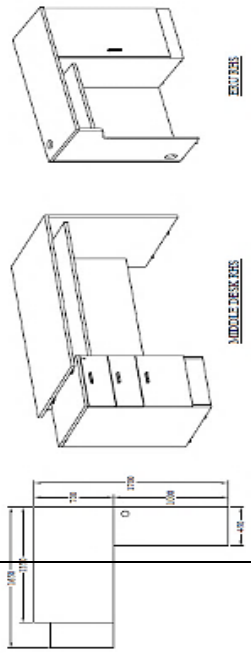
		integrated into the seat through a sliding mechanism. • Seta size: 50.0 cm (W) X 49.0 cm (H) **Back Assembly:** The back must be injection moulded in Glass-filled Polyamide which is upholstered with Mesh fabric. The back should consist of adjustable Lumbar support made of injection moulded Polypropylene having an adjustment of 6.0±0.1 cm. • Back Size: 50.0 cm (W) X 68.0 cm (H) **Polyurethane Foam:** The polyurethane foam for the seat should have density = 55 ± 5 kg/m3. **Adjustable Armrests:** The height-adjustable armrest should be made of Polyamide structure and Polypropylene housing with moulded PU arm top having an adjusted of 7.0±0.3cm. **Sled Base Frame:** The powder-coated welded tubular frame should be made of dia. 2.8±0.03 cm X0.2±0.02 cm thick M.S. Round tube. The frame is fitted with plastic caps made pf injection moulded glass-filled Polypropylene.
1.13	Reception Table for Library: Capacity for 2 persons with Overall size of 3300 mm (W1) x 1500 mm (W2) x 600 mm (D) x 900 mm (Partition Ht.) with one no. each of mobile pedestal KBPT and CPU trolley. 	**Table and Pedestal** **i) Worktop & Side Panel -** 25 MM THICK PLAIN PARTICLE BOARD (PPB) CLAD WITH 0.6MM THICK POST FORMED LAMINATE AND 1MM THICK BACKING LAMINATE (BDL). FLAT EDGE DULY SEALED WITH 2MM THICK PVC BEADING. **ii) Modesty -** 18MM THICK PLAIN PARTICLE BOARD (PPB) CLAD WITH 1.0MM THICK DECORATIVE LAMINATE (DL) ON BOTH SIDES. EDGE SEALED WITH 2MM THICK PVC BEADING. Main Table Size : 1500 mm (W) x 750 mm (D) x 740 mm (H). ERU Size : 1050 mm (W) x 450 mm (D) x 705 mm (H).
1.14	Revolving Chairs for Reception **Model 2** 	**Revolving Chair with High Back Support and Armrest** **Seat/Back Assembly:** The seat and back assembly should be made up of 1.2+/- 0.1 cm. thick hot-pressed plywood measures as per QA method described in OCP-QLTA-P14-18 and upholstered with fabric upholstery covers and moulded Polyurethane foam. The back foam must be designed with contoured lumbar support for extra comfort. The seat has extra thick foam on the front edge to give comfort to the popliteal area. Back size : 47.5 cm (W) x 69.5 cm (H), Seat Size : 47.0cm(W) x 48.0cm(D) Overall Width (W) : 76.3 cm, Depth (D) : 76.3 cm, Ht. (H) : 97.0-109.0 cm, Seat ht. : 42.5-54.5 cm. High Resilience (HR) Polyurethane foam: The HR polyurethane foam must be moulded with density of 45+/-2 Kg/cu.mtr. and hardness load 16+/-2kgf as per IS:7888 for 25% compression. **Armrests:** The one-piece armrests must be injection moulded from black co-polymer polypropylene. Centre Tilt Synchro mechanism: The mechanism should be designed with the following features: 360-degree revolving type. Upright position locking

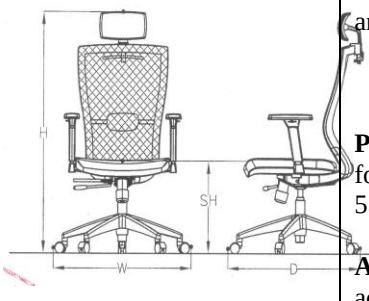
		Tilt tension adjustment Seat/back tilting ratio of 1:3. **Pneumatic Height Adjustment:** The pneumatic height adjustment should have an adjustment stroke of 12.0+/-0.3 cm. Telescopic Bellow assembly: The bellow is 3 pieces telescopic type and injection moulded in black polypropylene. **Pedestal assembly:** The pedestal must be injection moulded in black 33% glass filled Nylon-66 and fitted with 5 nos. twin wheel castors. The pedestal is 66.3+/-0.5 cm. pitch centerdia (76.3+/-1.0cm with castors). **Twin Wheel castors:** The twin wheel castors must be injection moulded in Black Nylon. The pedestal should be injection moulded in black 33% glass filled Nylon-66. The pedestal should also have a 05 nos twin wheel castor.
1.15	High density storage system **Model 1**  	High density storage system The configuration should have following type of blocks – 1. **S**ingle **S**tatic (**SS**) 2. **S**ingle **L**ast (**SL**) 3. **T**win **M**obile(**TM) –** 2 body back to back. **Main Body:** **(a) Construction:** Rigid **K**nock-**D**own construction should have made out of 0.8 thick. CRCA Steel conforming to IS: 513 Gr.D. Each body block (SS/SL/TM) building should consist of 1 Main unit & then Add-on units (0, 1,2,3,4 - depending on no. of bays 1, 2, 3, 4 & 5). Each unit should have 5 loading levels formed by 4 nos. adjustable shelves. Body units must be bolted to undercarriage. Size of body : 1980 H x 915 W x 457 D **Optimizer Height from ground is 2080 mm (1980 body + 65 undercarriage + 35 channel** **system).** **Finish:** **The bodies including shelves must be** given antirust surface treatment & are **powder coated** with epoxy-polyester powder. It should involve an 8 **step treatment** consisting of Hot water rinse, Knock of degreasing, degreasing, cold water rinse, phosphating, cold water rinse, and passivation & dry oven treatment. The final finish must consist of epoxy-polyester powder coating of approved color& shade with a **D**ry **F**ilm **T**hickness of minimum of **40 microns**. The testing of paint has to be done for various physical & chemical properties as per IS: 101. The material should then oven-baked with a controlled temperature of 180 deg.C to 200 deg.C. **Shelf:** **(a) Construction:** It should have made of 0.8 thick CRCA steel conforming to IS: 513 Gr.D. Its max load-bearing capacity is 60 Kg uniformly distributed per shelf for P1 Type of Configuration. Shelves must be mounted on support brackets & shelf level can be adjusted at approx. 25.4 pitches. There should be 4 adjustable shelves per body giving 5 loading levels. **Undercarriage:** **(a) Construction:** The Undercarriage should be a welded frame made of HR sheet 3.15

		mm thick conforming to IS:10748 suitably fabricated to take the loads based on configuration. **(b) Size:** Sizes of Undercarriage: **S**ingle **S**tatic / **L**ast – **1830** (Width) X **457 (Depth)** X **65** (**H**eight) **T**win **M**obile - **1830** (**W**idth) X **915** (**D**epth) X **65** (**H**eight) **External Load carrying capacity per understructure -** DRIVE TYPE (Configuration – **TYPE D2) - 1200 Kg**. Maximum **(c) Finish:** The undercarriage, after pre-treatment, must be coated with a final finish consisting of epoxy-polyester powder coat of approved color& shade with a **D**ry **F**ilm **T**hickness of minimum **40 microns.** **Movements of the System:** **Drive Type** Configuration: In case of **D2** movement of units must be achieved mechanically through a **PU Drive wheel** and '**Sprocket-Chain-Tensioner' arrangement** mounted rigidly onto the body side. For D2, each movable undercarriage must be provided with 2 **Rollers** on the shaft for **driving**, 2 **antifriction ball bearings** for **rolling** and 4 **anti-friction ball bearings** for **guiding** between channels & 'J' section. **Fittings:** **(a) Centralized Locking:** A Centralized locking arrangement has to be provided through **Locking Stiffener** mounted onto the back of Single Last unit so that it gets locked on channels when all the units are **brought together**. The Cam lock has to be of Godrej make & placed at a suitable height. This arrangement should occupy a space of 75.0 mm. When the **last unit** is **Twin Movable**, hinged doors are provided for the end bodies; so in this case, locking stiffener must be mounted onto drive unit cover; and with tile fascia option, it has to be mounted in the recess of vertical trim. Each **Drive type units should** have **Locking Knob** near the Drive wheel for manual locking of individual units when a person is using those units. Knob shall be rotated to unlock position when units are to be moved. After the unit is moved, before entering into the aisle for accessing, this knob shall be rotated to lock position. **End stoppers must be** provided at the end of channels to prevent derailment. **(b) Fasteners:** The nuts & bolts should be galvanized / blackodized / Zn Plated. **(c) Guide Channels:** It should consist of 'J' section 2 mm thick HR sheet & 25 mm Square bright bar – both connected by screws. Prior to the embedding of the guide channels with the help of raul plug & screw, the ground has to be in properly leveled condition. **(d) Label Holder:** Must be made from 2 mm thick clear transparent Acrylic sheet & having an outer dimension of 155 mm X 106 mm. **Aisle Space:** Generally, for comfortable movements, the clear aisle space should have kept on the Handle / Drive Wheel side is around 915mm. Also, the aisle for comfortable accessing of the inside of units, when rolled apart is around 915mm. Create the aisle space between the required units by moving them one by one & not together.
1.16	Table for printer & xerox –	**Table for printer & xerox –**

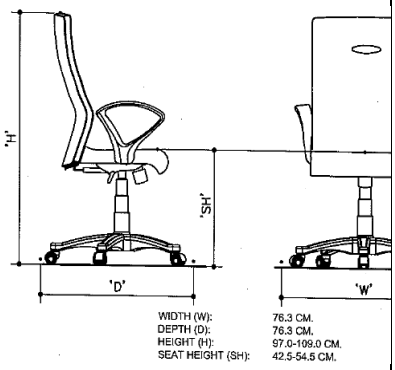
	 RH TABLE  INTERNAL DIMENSIONS: W 375.0, D 411.0, H 428.9	<table><tr><th>Unit Width</th><th>Unit Depth</th></tr><tr><td>1200</td><td>600</td></tr></table> Overall size: 1200 mm (W) x 600 mm (D) x 728 mm (H) **a)** Top : Worksurface - 18mm thk. Pre Laminated Particle Board (PLB) All work surface edges are duly sealed with 2mm thick PVC Edgebanding b) Understructure : Modesty Panel - 18mm thk. Pre Laminated Particle Board (PLB) All work surface edges are duly sealed with 2mm thick PVC Edgebanding. Rectangular Frame - Fabricated component in 1.2mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester) Leg - Fabricated component in 38mmx25mmx1.2mm thick MS ERW Tube (IS:7138), Finish: Powder coat (Epoxy polyester). CPU Modesty - 0.8mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester) Plastic Cap for Cable travel - Injection Moulded Polypropylene Leveler glide for Leg - Nylon 6 & MS Bolt c) Storage - Pedestal : Shell - 0.6mm thick CRCA (IS:513) , Finish: Powder coat (Epoxy polyester) Drawer Tray - 0.6mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester) Drawer Front - 0.8mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester) Frame Assembly - 1.2mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester) Lock - 10 Lever Cam Lock. Handle - Injection Moulded Polypropylene. Leveller - Nylon6 & MS Bolt d) Wire-Management : Horizontal Wire Carrier - 0.7mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester) Vertical Wire Carrier - 0.8mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester)
1.17	4 Door Personal Locker unit with individual locking provision comprising of 1 Base & 3 Add-on Units per set	**Personal Locker with one Base Unit and 3 add on Units per Set** # Product Size: 380mm(W) x 450mm(D) x 1830mm(H) # Models: 4 Door (Main units and add-on units) # Stackability: The add-on units can be stacked width wise to form bank of lockers having common side panel. # Locking: 10 Lever cam lock with lock lever Option of hasp arrangement

		# Material: CRCA 0.6mm Thickness # Construction: Rigid knockdown construction. # Shelf Uniformly Distributed Load Capacity per each shelf level is 35 Kg maximum. # Finish: Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10). # Handle / Label holder •Aesthetically appealing Snap fit ABS plastic handle. •Plastic label holder for identification # Ventilation : Attractive punched pattern for ventilation # Accessories (Optional) Stand for 1 wide, 2 wide and 3 wide – 125 mm High (add to unit height) inclusive of Leveler.
1.18	Storage Units **Model 4**	**Dimension: 800mm width** Floor-to-ceiling vertical wall space optimally with overhead storage unit. Shelved cabinets made up of main and add-on units ensure use of full width of available wall-to-wall horizontal space. Widths ranging from 40.0cm to 100.0cm allow the flexibility to use small as well as large spaces optimally. Design ensures that it takes care of active, anticipated and archival storage needs. Option of wood or metal door to match your interiors. Label holders can be put up for easy access and retrieval of files. Storage flexibility achieved through use of adjustable shelves.

B. FIRST FLOOR LEFT WING		
2.	**EXAMINATION BRANCH**	
SLNO	**ITEM WITH MODEL**	**SPECIFICATION**
2.1	Office Table along with back unit **Model 2** 	<table><tr><td></td><td>Middle Desk</td><td>Middle ERU</td></tr><tr><td>Top Thickness</td><td>18</td><td>18</td></tr><tr><td>Top Dimension</td><td>1650*700</td><td>1000*450</td></tr><tr><td>Under structure Height</td><td>725</td><td>725</td></tr><tr><td>Overall Hieght</td><td>743</td><td>743</td></tr></table> A) Understructure: • The understructure is in prelam panels, made with PLT boards. • 2-Drawer and 3-Drawer storage units with different combinations to support Tops,

		made with 18mm PLT boards of different colours. • Modesty and back panels, made with 18mm PLT boards. B) PLT Board Tops (Straight Edges) for Executive desk and side unit: • Tops for Junior1, Junior2, and Middle desk with ERU are of 18mm thickness. • Made of 18mm thick PLT board with 2mm PVC lipping • Wenge and Savannah Maple PLT board used for making Tops.
2.2	Revolving chairs **Model 1** 	**Revolving Chair with Head Rest** **Seat Assembly:** The seat should have made up of 1.4±0.1 cm thick hot-pressed plywood upholstered with fabric and moulded polyurethane foam. It has to be a seat depth adjustment of 5.0±0.3 cm integrated into the seat through a sliding mechanism. • Seta size**:** 50.0 cm (W) X 49.0 cm (H) **Back Assembly:** The back has to be injection moulded in Glass-filled Polyamide which is upholstered with Mesh fabric. The back consists of adjustable Lumbar support made of injection moulded Polypropylene having an adjustment of 6.0±0.1 cm. • **Back Size:** 50.0 cm (W) X 68.0 cm (H) **Polyurethane Foam:** The polyurethane foam for the seat should have density = 55 ± 5 kg/m3. **Adjustable Armrests:** The height-adjustable armrest must be made of Polyamide structure and Polypropylene housing with moulded PU arm top shall have an adjusted of 7.0±0.3cm. **Mechanism:** The mechanism must be designed with the following features: • 360-degree revolving type. • Center tilt syncro. • 3 position (including

		upright lock) giving the option of variable tilt angle to the chair with an anti-shock feature. **Headrest:** The headrest must be injection moulded in Glass Filled Polypropylene which is upholstered with foam and fabric. It shall have an adjustment of 6.0±0.1 cm & its assembled over the Full back chair. Pneumatic Height Adjustment: The pneumatic height adjustment should be chrome plated with an adjustment stroke of 9.0±0.3 cm. **Pedestal Assembly:** The pedestal has to be injection moulded polyamide and fitted with 5 nos twin wheel castors. The pedestal is 66.0 ± 0.5 cm P.C.D. **Twin Wheel Castors:** The twin wheel castors should be be injection moulded in black Glass-filled polyamide having 6.0±0.1 cm wheel Diameter.
2.3	**Visitor ChairModel 1**	**Visitor Chair** **Seat Assembly:** The seat should have made up of 1.4±0.1 cm thick hot-pressed plywood upholstered with fabric and moulded polyurethane foam. It has to be a seat depth adjustment of 5.0±0.3 cm integrated into the seat through a sliding mechanism. • Seta size: 50.0 cm (W) X 49.0 cm (H) **Back Assembly:** The back must be injection moulded in Glass-filled Polyamide which is upholstered with Mesh fabric. The back should consist of adjustable Lumbar support made of injection moulded Polypropylene having an adjustment of 6.0±0.1 cm. • Back Size: 50.0 cm (W) X 68.0 cm (H) **Polyurethane Foam:** The polyurethane foam for the seat should have density = 55 ± 5 kg/m3. **Adjustable Armrests:** The height-adjustable armrest should be made of Polyamide structure and Polypropylene housing with moulded PU arm top having an adjusted of 7.0±0.3cm. **Sled Base Frame:** The powder-coated welded tubular frame should be made of dia. 2.8±0.03 cm X0.2±0.02 cm thick M.S. Round tube. The frame is fitted with plastic caps made pf injection moulded glass-filled Polypropylene.

2.4	**Revolving ChairsModel 2**  	**Revolving Chair with High Back Support and Armrest** **Seat/Back Assembly:** The seat and back assembly should be made up of 1.2+/- 0.1 cm. thick hot-pressed plywood measures as per QA method described in OCP-QLTA-P14-18 and upholstered with fabric upholstery covers and moulded Polyurethane foam. The back foam must be designed with contoured lumbar support for extra comfort. The seat has extra thick foam on the front edge to give comfort to the popliteal area. Back size : 47.5 cm (W) x 69.5 cm (H), Seat Size : 47.0cm(W) x 48.0cm(D) Overall Width (W) : 76.3 cm, Depth (D) : 76.3 cm, Ht. (H) : 97.0-109.0 cm, Seat ht. : 42.5-54.5 cm. High Resilience (HR) Polyurethane foam: The HR polyurethane foam must be moulded with density of 45+/-2 Kg/cu.mtr. and hardness load 16+/-2kgf as per IS:7888 for 25% compression. **Armrests:** The one-piece armrests must be injection moulded from black co-polymer polypropylene. Centre Tilt Synchro mechanism: The mechanism should be designed with the following features: 360-degree revolving type. Upright position locking Tilt tension adjustment Seat/back tilting ratio of 1:3. **Pneumatic Height Adjustment:** The pneumatic height adjustment should have an adjustment stroke of 12.0+/-0.3 cm. Telescopic Bellow assembly: The bellow is 3 pieces telescopic type and injection moulded in black polypropylene. **Pedestal assembly:** The pedestal must be injection moulded in black 33% glass filled Nylon-66 and fitted with 5 nos. twin wheel castors. The pedestal is 66.3+/-0.5 cm. pitch centerdia (76.3+/-1.0cm with castors). **Twin Wheel castors:** The twin wheel castors must be injection moulded in Black Nylon. The pedestal should be injection moulded in black 33% glass filled

<table>
<tr><td></td><td></td><td>Nylon-66. The pedestal should also have a 05 nos twin wheel castor.</td></tr>
<tr><td>2.5</td><td>Table for printer & xerox -</td><td>Table for printer & xerox –
<table><tr><td>Unit Width</td><td>Unit Depth</td></tr><tr><td>1200</td><td>600</td></tr></table>
Overall size: 1200 mm (W) x 600 mm (D) x 728 mm (H)

b) Top : Worksurface - 18mm thk. Pre Laminated Particle Board (PLB) All work surface edges are duly sealed with 2mm thick PVC Edgebanding

b) Understructure : Modesty Panel - 18mm thk. Pre Laminated Particle Board (PLB) All work surface edges are duly sealed with 2mm thick PVC Edgebanding.
Rectangular Frame - Fabricated component in 1.2mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester)
Leg - Fabricated component in 38mmx25mmx1.2mm thick MS ERW Tube (IS:7138), Finish: Powder coat (Epoxy polyester).

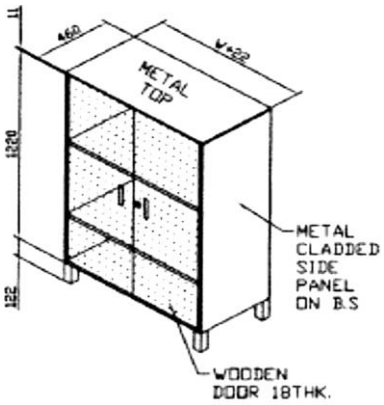
CPU Modesty - 0.8mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester)
Plastic Cap for Cable travel - Injection Moulded Polypropylene
Leveler glide for Leg - Nylon 6 & MS Bolt

c) Storage - Pedestal :
Shell - 0.6mm thick CRCA (IS:513) , Finish: Powder coat (Epoxy polyester)
Drawer Tray - 0.6mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester)
Drawer Front - 0.8mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester)
Frame Assembly - 1.2mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester)</td></tr>
</table>

		Lock - 10 Lever Cam Lock. Handle - Injection Moulded Polypropylene. Leveller - Nylon6 & MS Bolt d) Wire-Management : Horizontal Wire Carrier - 0.7mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester) Vertical Wire Carrier - 0.8mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester)
2.6	Modular partition system of size : 1500 mm (W1) x 1500 mm (W2) x 600 mm(D) x 1200 mm (Parition ht.) with one no. each of Mobile Pedestal, CPU Trolley and KBPT. 	**Cubical Workstation with Partition** Workstation Dimensions: 1500mm(W1) x 1350mm(W2) x 600mm(D) x 1200mm(H) The 52.4 mm panel should comprise of – 2 nos of vertical extrusion made of aluminium. Horizontal extrusion should have made of aluminium at every division of tile/block. The numbers of these horizontal extrusions vary as per panel height. Blocks made out of composite construction of MDF and paper honeycomb. The number of these blocks vary as per panel height. One no. of the fabricated bottom frame as a welded structure of steel component. 2 nos. of bottom tiles, 2 nos. of top tiles, 1no of top trim made of aluminium extrusion, These panels are supported on legs with levelers. The 22.8 mm panel should have comprised of – 2 nos. of vertical extrusion made of aluminium. Horizontal extrusion should have made of aluminium at every division of tile/block. The numbers of these horizontal extrusions vary as per panel height Blocks made out particle board with various finishes. The number of these blocks vary as per panel height. 1no of top trim made of aluminium extrusion, 1no of end trim made of aluminium extrusion,1 no of end trim cap made of aluminium die-cast, These panels are supported on legs with levelers. These panels have restricted finish and no cable management facilities. **The bottom frame** integrated with uprights to form the understructure for the panel. Fabricated bottom frame for 52.4mm panel comprises L-channels, formed plates and steel tube welded together. Should be Coated with epoxy powder coating and available in 300

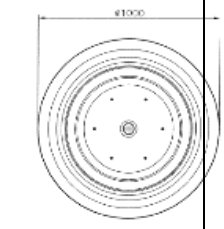
		mm to 1800 mm standard width with a height of 256 mm. **The Panel legs must be** used for supporting panels at a raised level to have a **clean** and **airy** workplace. **Single side legs must be** used for supporting the work surface on one side only. They should be fabricated by CO2 welded MS Tube with the MS base plate, over which leveler is fitted. They are classified as Single Side Leg for 52.4 mm panel & Single Side Leg for 22.8 mm panel. Coated with epoxy powder coating. **Double side legs should be** used for supporting the work surface on both sides. They should be fabricated by CO2 welded MS Tube with the MS base plate, over which leveler is fitted. They must be classified as Double Side Leg for 52.4 mm panel & Double Side Leg for 22.8 mm panel. Coated with epoxy powder coating. **Verticals and Horizontals** work as a spine to the entire panel system. The blocks and metal frame must have held together by verticals at both ends of the panel and horizontals between each block and tile. Horizontal extrusions provide a slot for mounting accessories on the tiles. Top trim and end trim should get fixed to the Horizontals and Verticals respectively Coated with epoxy powder coating. **Cover Trims must be** used to enhance the aesthetic of the system and offer finished looks to the entire system. Top and end trim should be connecting to the Horizontals and Verticals respectively. Top trims and end trims should have made of aluminium extrusion having an average wall thickness of 1.2 mm. Coated with epoxy powder coating. **The Joinery post must be** used for supporting panels to form different layout. Joinery post should be made of aluminum extrusion having an average wall thickness of 1.2 mm. Coated with epoxy powder coating. **Die-Cast Caps must be** used to cover exposed top edge of Panel at junctions and ends. Die-cast caps should have made of aluminium alloy having an average wall thickness of 1.2 mm. Coated with epoxy powder coating. **Grouting post must be** used for supporting 52.4 mm panels in configurations, where the panel is not connected to the work surface or is a free-standing panel. It should be connected to vertical extrusion of the

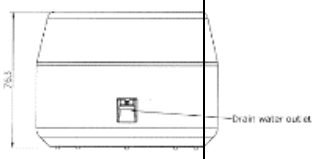
		panel and grounded to the floor below **with** grouting bolts. Grouting post must be made of MS plate with the base plate of 5 mm thick. Coated with epoxy powder coating. Grouting posts should be available only in a single size for all heights of panels. **Tiles**: Top Tiles for 52.4 mm thick panel should be offered in a variety of combinations. These tiles must be slid into the panels from the top before fixing the top horizontal. These tiles must be supported from the top and bottom sides with clips made from PP copolymer fitted in horizontal extrusion. These tiles should be of Fabric magnetic finish. Fabric Magnetic Tiles must be fabric upholstered metal tiles in 0.6 mm thick G.I. Grade O as per IS: 277. The fabric should be upholstered with adhesives. Bottom Tiles for 52.4 mm thick panel should be press fitted on to the assembly frame of the panel with the help of snap-on clips made of nylon-66 and support clips made from PP copolymer. These tiles should be of Plain metal finish. Plain Metal Tiles are made of 0.6 mm thick M.S. CRCA Grade D as per IS: 513 and powder coated with Epoxy-Polyester finish. **Worksurface** should be made of 25 mm thick pre-laminated particle board having all its edges with minimum 2 mm thick PVC edge banding. The work surface shall be provided with circular cut out of 0.65 mm diameter as per the requirement, for passing of wires. These cutouts shall be provided with ABS covers. **Brackets** provide support for worksurface. They are classified as: Worksurface Bracket mounted on to the Horizontal extrusion. It should have made from 2.0 mm thick CRCA grade D steel as per IS: 513-19. 6 numbers of ribs have to be provided on the work surface for strengthening purposes. All the worksurface are mounted on the worksurface through round Philip head diameter 4 mm x 19 lengths having finish zinc plated blue. Holder Bracket made from 2.0 mm thick CRCA grade D steel as per IS:513-19. It should be slid in between end trim and vertical extrusion and mounted on the worksurface To offers simplified wire management to provide neat and clutter-free work surface.

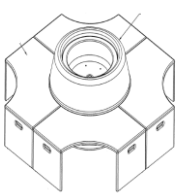
2.7	Storage unit Reserve **Model 2**  	i) Unit Size : Width – 922 Height (For leg unit) – 1200 ii) Construction & Materials: Construction must be a knockdown construction of 25 mm thick and 18 mm thick Pre-laminated boards with the metal cladding of 0.8 mm thick CRCA (as per IS: 513) from outside. Side metal cladding should have coated with Epoxy polyster powder of 50+/-10 microns' thickness. iii) Top: Units have to be provided with 11 mm thick bent metal tops made of 0.8 mm thick CRCA (as per IS:513). The metal tops must be coated with Epoxy polyester powder of 50+/-10 microns' thickness. iv) Door & Door Opening: Two-door opening. The doors should have made of 18 mm thick pre-laminated boards with decorative laminate on one side and backing laminate on the other side. v) Shelving: a) Height wise adjustable shelf mounting holes provided on side panels for easy interchange of shelf height as required. b) Fixed shelves along with adjustable shelves provided. c) Uniformly distributed load capacity for each shelf is 40 Kg maximum. vii) Leveler: Screw type adjustable leveler with the plastic base provides vertical adjustment for floor unevenness and leveling of units. viii) Back Panels: Back panels should have made of 18 mm thick pre-laminated boards with options of decorative laminate as well as fabric finishes. 4.0' height units consist of the split back top panel and split back bottom panel separated by Aluminium extrusion. ix) Locking Mechanism: 3-way nickel-plated wooden furniture lock has to be provided for effective and positive locking of doors. x) Handle: Aesthetically appealing recessed handles of Aluminium extrusion are to be provided for easy opening and closing.

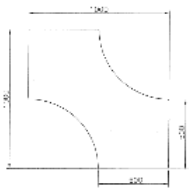
2.8	Storage unit Reserve **Model 3**	**Dimension: 400mm width** Floor-to-ceiling vertical wall space optimally with overhead storage unit. Shelved cabinets made up of main and add-on units ensure use of full width of available wall-to-wall horizontal space. Widths ranging from 40.0cm to 100.0cm allow the flexibility to use small as well as large spaces optimally. Design ensures that it takes care of active, anticipated and archival storage needs. Option of wood or metal door to match your interiors. Label holders can be put up for easy access and retrieval of files. Storage flexibility achieved through use of adjustable shelves.
2.9	Storage unit Reserve **Model 4**	**Dimension: 800mm width** Floor-to-ceiling vertical wall space optimally with overhead storage unit. Shelved cabinets made up of main and add-on units ensure use of full width of available wall-to-wall horizontal space. Widths ranging from 40.0cm to 100.0cm allow the flexibility to use small as well as large spaces optimally. Design ensures that it takes care of active, anticipated and archival storage needs. Option of wood or metal door to match your interiors. Label holders can be put up for easy access and retrieval of files. Storage flexibility achieved through use of adjustable shelves.
2.10	High density storage system **Model 1**	The configuration should have following type of blocks – 1. **S**ingle **S**tatic (**SS**) 2. **S**ingle **L**ast (**SL**) 3. **T**win **M**obile(**TM) –** 2 body back to back. **Main Body:** **(a) Construction:** Rigid **K**nock-**D**own construction should have made out of 0.8 thick. CRCA Steel conforming to IS: 513 Gr.D. Each body block (SS/SL/TM) building should consist of 1 Main unit & then Add-on units (0, 1,2,3,4 - depending on no. of bays 1, 2, 3, 4 & 5). Each unit should have 5 loading levels formed by 4 nos. adjustable shelves. Body units must be bolted to undercarriage. Size of body : 1980 H x 915 W x 457 D **Optimizer Height from ground is 2080 mm (1980 body + 65 undercarriage + 35 channel system).**

		Finish: **The bodies including shelves must be** given antirust surface treatment & are **powder coated** with epoxy-polyester powder. It should involve an 8 **step treatment** consisting of Hot water rinse, Knock of degreasing, degreasing, cold water rinse, phosphating, cold water rinse, and passivation & dry oven treatment. The final finish must consist of epoxy-polyester powder coating of approved color& shade with a **D**ry **F**ilm **T**hickness of minimum of **40 microns**. The testing of paint has to be done for various physical & chemical properties as per IS: 101. The material should then oven-baked with a controlled temperature of 180 deg.C to 200 deg.C. **Shelf:** **(a) Construction:** It should have made of 0.8 thick CRCA steel conforming to IS: 513 Gr.D. Its max load-bearing capacity is 60 Kg uniformly distributed per shelf for P1 Type of Configuration. Shelves must be mounted on support brackets & shelf level can be adjusted at approx. 25.4 pitches. There should be 4 adjustable shelves per body giving 5 loading levels. **Undercarriage:** **(a) Construction:** The Undercarriage should be a welded frame made of HR sheet 3.15 mm thick conforming to IS:10748 suitably fabricated to take the loads based on configuration. **(b) Size:** Sizes of Undercarriage: **S**ingle **S**tatic / **L**ast – **1830** (Width) X **457 (Depth)** X **65** (**H**eight) **T**win **M**obile - **1830** (**W**idth) X **915** (**D**epth) X **65** (**H**eight) **External Load carrying capacity per understructure -** DRIVE TYPE (Configuration – **TYPE D2) - 1200 Kg**. Maximum **(c) Finish:** The undercarriage, after pre-treatment, must be coated with a final finish consisting of epoxy-polyester powder coat of approved color& shade with a **D**ry **F**ilm **T**hickness of minimum **40 microns.** **Movements of the System:** **Drive Type** Configuration: In case of **D2** movement of units must be achieved mechanically through a **PU Drive wheel** and '**Sprocket-Chain-Tensioner' arrangement** mounted rigidly onto the









body side. For D2, each movable undercarriage must be provided with 2 **Rollers** on the shaft for **driving**, 2 **antifriction ball bearings** for **rolling** and 4 **anti-friction ball bearings** for **guiding** between channels & 'J' section.

Fittings:

(a) Centralized Locking:

A Centralized locking arrangement has to be provided through **Locking Stiffener** mounted onto the back of Single Last unit so that it gets locked on channels when all the units are **brought together**. The Cam lock has to be of Godrej make & placed at a suitable height. This arrangement should occupy a space of 75.0 mm. When the **last unit** is **Twin Movable**, hinged doors are provided for the end bodies; so in this case, locking stiffener must be mounted onto drive unit cover; and with tile fascia option, it has to be mounted in the recess of vertical trim.

Each **Drive type units should** have **Locking Knob** near the Drive wheel for manual locking of individual units when a person is using those units. Knob shall be rotated to unlock position when units are to be moved. After the unit is moved, before entering into the aisle for accessing, this knob shall be rotated to lock position. **End stoppers must be** provided at the end of channels to prevent derailment.

(b) Fasteners:

The nuts & bolts should be galvanized / blackodized / Zn Plated.

(c) Guide Channels:

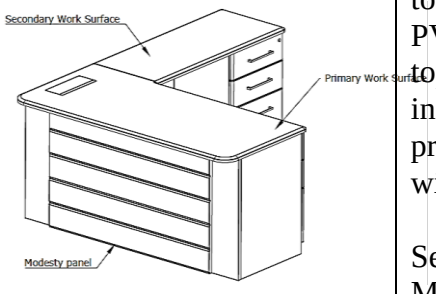
It should consist of 'J' section 2 mm thick HR sheet & 25 mm Square bright bar – both connected by screws. Prior to the embedding of the guide channels with the help of raul plug & screw, the ground has to be in properly leveled condition.

(d) Label Holder:

Must be made from 2 mm thick clear transparent Acrylic sheet & having an outer dimension of 155 mm X 106 mm.

Aisle Space:

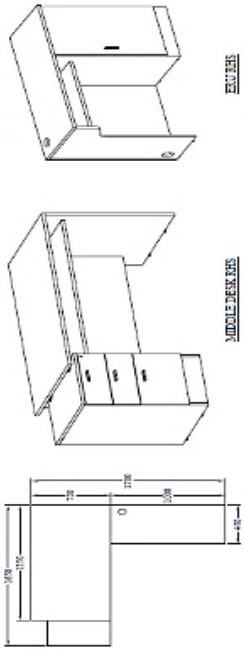
Generally, for comfortable movements, the clear aisle space should have kept on the Handle / Drive Wheel side is around 915mm. Also, the aisle for comfortable accessing of the inside of units, when rolled apart is around 915mm. Create the aisle space between the required units by moving them one by one & not together.

C. FIRST FLOOR RIGHT WING		
1.	**ADMINISTRATION**	
SLNO	**ITEM WITH MODEL**	**SPECIFICATION**
1.1	Office circular bench with planter**Model 1**	Top and side panels should be made of 25 mm thick Rubberwood (As per IS:14960) finished with a clear matt coat of PU lacquer. The product should have a knock-down construction. It should have assembled using alloy steel hardware (blackened & coated with rust preventive oil). The connecting brackets should be made with 3 mm thick hot rolled steel plates (HR)(As per ISL2062). They should be Epoxy Polyester powder-coated (DFT 40-60 microns). It should have 3-piece construction. The Outer shell, inner-pot and drinking storage tank (Capacity 4 liters) should all made from fiber reinforced plastic and finished with PU plant. The Drain storage tank has to be connected to the inner pot with stainless steel bolts and nuts. The opening from the inner pot int the drain storage should covered with the strainer. This shall prevent any large solid particulars from entering & clogging the Drain Storage tank. The Drain Storage tank can be emptied at regular intervals through an on/off valve nested in the Outer shell and connected using a flexible hose.
1.2	Office Table along with back Unit as well as storage unit **Model 3**  	**Executive Desk with a Side Unit with Pedestal** Overall dimension : 2350mm W x 750mm H. Primary Work surface : Made of 25mm thick MDF one side pre-laminate board confirming to IS- 14587:1998 with 0.4mm PVC membrane pressed on to top Softclosing access flap with in-build power box are provided on work surface for wire management Secondary Work surface : Made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top.

		Modesty Panel : Made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top.. Understructure : Made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Integrated Pedestal : Made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Drawer fronts made of 25mm thick MDF one side pre-laminateboard confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top Pedestal construction is BOX-BOX-FILE type which Uses powder coated 400 MM long metal Panel Drawer Slides. Drawer extension is 325 MM. Drawers have a soft closing & anti slam mechanism. Handles are provided for ease of opening. Pedestals are provided with lock for security. Accessories offered with Table: Stationery Holder : (Size - 320mm W x 150mm D) Made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top. Desk Pad : (Size - 800mm W x 430mm D) Made of 1 mm thick artificial-leather glued on 1.2

		mm thick GI sheet of 1.2 mm thick as per IS 277.
1.3	Revolving Chair **Model 4**	Height adjustable back Height adjustable arms Seat depth adjustment Active bio-synchro mechanism Width: 76 CM Depth: 76 CM Height: 112 - 130. CM Seat Height: 43 – 53 CM
1.4	Visitor Chair **Model 4**	**Seat Assembly:** The seat should have made up of 1.4±0.1 cm thick hot-pressed plywood upholstered with fabric and moulded polyurethane foam. It has to be a seat depth adjustment of 5.0±0.3 cm integrated into the seat through a sliding mechanism. • Seta size: 50.0 cm (W) X 49.0 cm (H) **Back Assembly:** The back must be injection moulded in Glass-filled Polyamide which is upholstered with Mesh fabric. The back should consist of adjustable Lumbar support made of injection moulded Polypropylene having an adjustment of 6.0±0.1 cm. • Back Size: 50.0 cm (W) X 68.0 cm (H) **Polyurethane Foam:** The polyurethane foam for the seat should have density = 55 ± 5 kg/m3. **Adjustable Armrests:** The height-adjustable armrest should be made of Polyamide structure and Polypropylene housing with moulded PU arm top having an adjusted of 7.0±0.3cm. **Sled Base Frame:** The powder-coated welded tubular frame should be made of dia. 2.8±0.03 cm X0.2±0.02 cm thick M.S. Round tube. The frame is fitted with plastic caps made pf injection moulded glass-filled Polypropylene.
1.5	Sofa (3 seater +1 +1)	**Sofa (3 Seater +1 +1), Full-Aniline Leather, Black** Dimensions W x H x D (cm) 199 x 88.4 x 93.5 Primary Material: Tropical Wood Leather of the sofa should have a color-fade resistance along with being a visual treat. Pure Leather at touch points. Non

<table>
<tr><td></td><td></td><td>touch pointsare of PVC, Soft foam for comfort, Generous armrest, High back rest with lumber support, Excellent fit and finish.</td></tr>
<tr><td>1.6</td><td>Wooden wardrobe</td><td>Standard Wooden Wardrobe
Made from superior quality engineered wood, the Pride Pro Wardrobe is strong and durable. Its PLT frame is not only stunning but also lightweight. Contemporary & Modern Style.
Suitable For: Office

Primary Material: Wood
W x H x D: 160 cm x 182.8 cm x 46.2 cm (5 ft 2 in x 5 ft 11 in x 1 ft 6 in)</td></tr>
<tr><td>1.7
  </td><td>Office Table along with back unit Model 2</td><td><table><tr><td></td><td>Middle Desk</td><td>Middle ERU</td></tr><tr><td>Top Thickness</td><td>18</td><td>18</td></tr><tr><td>Top Dimension</td><td>1650*700</td><td>1000*450</td></tr><tr><td>Under structure Height</td><td>725</td><td>725</td></tr><tr><td>Overall Hieght</td><td>743</td><td>743</td></tr></table>
A) Understructure:
• The understructure is in prelam panels, made with PLT boards.
• 2-Drawer and 3-Drawer storage units with different combinations to support Tops, made with 18mm PLT boards of different colours.
• Modesty and back panels, made with 18mm PLT boards.

B) PLT Board Tops (Straight Edges) for Executive desk and side unit:
• Tops for Junior1, Junior2, and Middle desk with ERU are of 18mm thickness.
• Made of 18mm thick PLT board with 2mm PVC lipping</td></tr>
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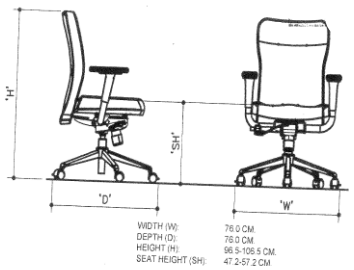
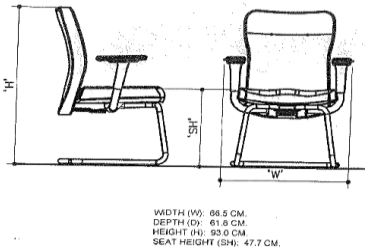
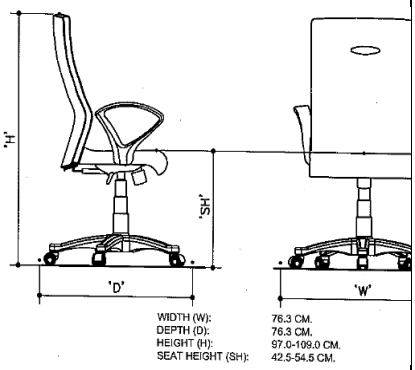
		• Wenge and Savannah Maple PLT board used for making Tops.
1.8	Revolving Chair **Model 3**  	**Mid Back Revolving Chair** **a) SEAT/BACK ASSEMBLY:** The seat must be made up of 1.2 cm. thick hot pressed plywood upholstered with fabric and moulded Polyurethane Foam. The back is made up of 1.2 cm. thick hot pressed plywood upholstered with replaceable fabric upholstery covers and moulded polyurethane foam. The back ply and foam is designed with contoured lumbar support for comfortable seating posture. PCH-9P02TC MID BACK SIZE 48cm.(W) X 64.5cm.(H) PCH-9P02TC SEAT SIZE 51.0cm.(W) X 48.0cm.(D) Overall size : WIDTH (W): 76.0 CM, DEPTH (D): 76.0 CM, HEIGHT (H): 91.0-100.0 CM, SEAT HEIGHT (SH): 46.0-55.0 CM. **b) POLYURETHANE FOAM:** The polyurethane foam for seat and back must be moulded with density = 45 +/-2 kg/m3 and Hardness = 20 +/- 2. **c) ARMRESTS (FIXED):** The armrest top should be made of moulded polyurethane (P.U) and mounted on to a fixed type M.S. tubular armrest support chrome plated. The arm support should have a static vertical adjustment of +/-1.5cm. **d) FRONT PIVOT SYNCHRO MECHANISM:** The mechanism is designed with the following features: · 360° revolving type. · Single point control. · Front pivot for a tilt with feet resting on the ground ensuring more comfort. · Tilt tension adjustment. · 4-position locking with an anti-shock feature. · Seatback tilting ratio of 1:2 (11° Seat Tilt /22° back tilt). **e) FIXED BACKREST** : The backrest must consists of a fixed type mechanism i.e no back up/down adjustment**.** **f) PNEUMATIC HEIGHT ADJUSTMENT:** The pneumatic height adjustment should have an adjustment of 9.0 cm.

		g) PEDESTAL ASSEMBLY: The pedestal must be fabricated from steel, chrome plated and assembled with injection moulded black polypropylene hub cap and 5 nos. twin wheel castors (castor wheel dia. 5.0 cm). The pedestal is 66.0cm. Pitch-center dia. (76.0 cm with castors). **h) TWIN WHEEL CASTORS:** The twin wheel castors must be injection moulded in black Nylon.
1.9	Visitor Chair **Model 3**  WIDTH (W): 66.5 CM. DEPTH (D): 61.8 CM. HEIGHT (H): 93.0 CM. SEAT HEIGHT (SH): 47.7 CM.	**MID BACK VISITOR CHAIR** **Seat/Back Assembly:** The seat should be made up of 1.2±0.1 cm thick hot pressed plywood upholstered with fabric or synthetic leather and moulded Polyurethane Foam. The back must be made up OCP-QLTA-P14-18 and upholstered with fabric or leatherette upholstery covers and moulded polyurethane foam. The back ply and foam is designed with contoured lumbar support for comfortable seating posture. • Mid Back Visitor Size: 48cm(W)X 64.5 cm(H) • Seat Size: 51.0cm(W) X 48.0 cm(D) **High Resilience(HR) Polyurethane Foam:** The HR polyurethane foam for seat and back must be moulded with density = 45_/-2 kg/m3 and hardness load 16±2 kgf as per IS:7888 for 25% compression. **Armrests (Fixed):** the armrest top must be moulded from polyurethane(PU) and mounted on to a fixed type tubular armrest support made of Ø3.81±0.03cmX0.2±0.01 cm thick M.S.E.R.W. tube having chrome-plated finish. **Fixed Spine(Conference/Visitor):** The seat and back should be arrested together with a fixed type spine i.e. no back up/down adjustment made of 0.8±0.05cm thick. HR Steel and is black powder-coated(DFT 40-60 microns). **Tubular Visitor Frame(Visitor Chair):** It should be cantilever structure & made of Dia Ø2.54±0.03cmX0.2±0.016cm thick M.S.E.R.W. Tube with an M.S. Spine mounting bracket welded to it. The back spine should be fitted to the

		frame assembly. The frame finish has to be Nickel Chrome plated (15-20 microns).
1.10	Storage Units **Model 4**	**Dimension: 800mm width** Floor-to-ceiling vertical wall space optimally with overhead storage unit. Shelved cabinets made up of main and add-on units ensure use of full width of available wall-to-wall horizontal space. Widths ranging from 40.0cm to 100.0cm allow the flexibility to use small as well as large spaces optimally. Design ensures that it takes care of active, anticipated and archival storage needs. Option of wood or metal door to match your interiors. Label holders can be put up for easy access and retrieval of files. Storage flexibility achieved through use of adjustable shelves.
1.11	Cubical workstation of size 1500 (W1) x 1350 (W2) x 600 (D) x 1200 (Partition ht.) with Mobile pedestal, KBPT and CPU Trolley	**Workstation Dimensions**: 1500 (W1) x 1350 (W2) x 600 (D) x 1200 The 52.4 mm panel should be comprised of – 2 nos of vertical extrusion made of aluminium. Horizontal extrusion made of aluminium at every division of tile/block. The numbers of these horizontal extrusions may vary as per panel height. Blocks should be made out of composite construction of MDF and paper honeycomb. The number of these blocks may vary as per panel height. One no. of the fabricated bottom frame as a welded structure of steel component. 2 nos. of bottom tiles, 2 nos. of top tiles, 1no of top trim made of aluminium extrusion, These panels are supported on legs with levelers. The 22.8 mm panel should be comprises of – 2 nos. of vertical extrusion made of aluminium. Horizontal extrusion made of aluminium at every division of tile/block. The numbers of these horizontal extrusions may vary as per panel height Blocks made out particle board with various finishes. The Number of these blocks vary as per panel height. 1no of top trim made of aluminium extrusion, 1no of end trim made of aluminium extrusion ,1 no of end trim cap made of aluminium die cast, These panels are supported on legs with levellers. These panels have restricted finish and no cable management facility.

		Bottom frame integrated with uprights to form the understructure for the panel. Fabricated bottom frame for 52.4mm panel comprises L-channels, formed plates and steel tube welded together. Coated with epoxy powder coating and should be available in 300 mm to 1800 mm standard width with a height of 256 mm. **The Panel legs** should be used for supporting panels at a raised level to have a **clean** and **airy** workplace. **Single side legs** should be used for supporting the work surface on one side only. They are fabricated by CO2 welded MS Tube with the MS base plate, over which leveler is fitted. They are classified as Single Side Leg for 52.4 mm panel & Single Side Leg for 22.8 mm panel. Coated with epoxy powder coating. **Double side legs** used for supporting the work surface on both sides. They should be fabricated by CO2 welded MS Tube with the MS base plate, over which levelershould be fitted. They should be classified as Double Side Leg for 52.4 mm panel & Double Side Leg for 22.8 mm panel. Coated with epoxy powder coating. **Verticals and Horizontals** work as a spine to the entire panel system. The blocks and metal frame should be held together by verticals at both ends of the panel and horizontals between each block and tile. Horizontal extrusions provide slot for mounting accessories on the tiles. Top trim and end trim get fixed to the Horizontals and Verticals respectively Coated with epoxy powder coating. **Cover Trims** should be used to enhance the aesthetic of the system and offer finished looks to the entire system. Top and end trim connects to the Horizontals and Verticals respectively. Top trims and end trims should be made of aluminium extrusion having an average wall thickness of 1.2 mm. Coated with epoxy powder coating. **The Joinery post** should be used for supporting panels to form different layout. Joinery post should be made of aluminium extrusion having an average wall thickness of 1.2 mm. Coated with epoxy powder coating. **Die-Cast Caps** should be used to cover exposed top edge of Panel at junctions and ends. Die-cast caps

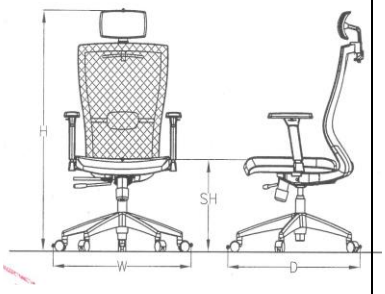
		should be made of aluminium alloy having an average wall thickness of 1.2 mm. Coated with epoxy powder coating. **Grouting post** should beused for supporting 52.4 mm panels in configurations, where panel is not connected to the worksurface or is a free-standing panel. It should be connected to vertical extrusion of panel and grounded to the floor below **with** grouting bolts. Grouting post should be made of MS plate with base plate of 5 mm thick. Coated with epoxy powder coating. Grouting post available only in a single size for all heights of panels. **Tiles**: Top Tiles for 52.4 mm thick panel should be offered in a variety of combinations. These tiles should be able to slide into the panels from the top before fixing the top horizontal. These tiles should be supported from the top and bottom side with clips made from PP copolymer fitted in horizontal extrusion. These tiles should be of Fabric magnetic finish. Fabric Magnetic Tiles are fabric upholstered metal tiles in 0.6 mm thick G.I. Grade O as per IS: 277. The fabric is upholstered with adhesives. Bottom Tiles for 52.4 mm thick panel should be press fitted on to the assembly frame of the panel with the help of snap-on clips made of nylon-66 and support clips made from PP copolymer. These tiles should be of Plain metal finish. Plain Metal Tiles are made of 0.6 mm thick M.S. CRCA Grade D as per IS: 513 and powder coated with Epoxy- Polyester finish. **Worksurface** should be made of 25 mm thick pre-laminated particle board having all its edges with minimum 2 mm thick PVC edge banding. The work surface shall be provided with circular cut out of 0.65mm diameter as per the requirement, for passing of wires. These cut outs shall be provided with ABS covers. **Brackets** provide support for worksurface. They should be classified as Worksurface Bracket mounted on to the Horizontal extrusion. It is made from 2.0 mm thick CRCA grade D steel as per IS: 513-19. 6 numbers of ribs are provided on the work surface for strengthening purposes. All the work surface should be mounted on the

		worksurface through round Philip head diameter 4 mm x 19 lengths having finish zinc plated blue. Holder Bracket made from 2.0 mm thick CRCA grade D steel as per IS:513-19. It is slid in between end trim and vertical extrusion and mounted on the work surface **To** offer simplified wire management to provide neat and clutter-free work surface.
1.12	Revolving Chairs **Model 2**  	Revolving Chair with High Back Support and Armrest **a) Seat/Back Assembly:** The seat and back assembly hast to be made up of 1.2+/- 0.1 cm. thick hot-pressed plywood measures as per QA method described in OCP-QLTA-P14-18 and upholstered with fabric upholstery covers and moulded Polyurethane foam. The back foam is designed with contoured lumbar support for extra comfort. The seat has extra thick foam on the front edge to give comfort to the popliteal area. Back size : 47.5 cm (W) x 69.5 cm (H), Seat Size : 47.0cm(W) x 48.0cm(D) Overall Width (W) : 76.3 cm, Depth (D) : 76.3 cm, Ht. (H) : 97.0-109.0 cm, Seat ht. : 42.5-54.5 cm. **High Resilience (HR) Polyurethane foam:** The HR polyurethane foam must be moulded with a density of 45+/-2 Kg/cu.mtr. and hardness load 16+/-2kgf as per IS:7888 for 25% compression. **Armrests**: The one-piece armrests should be injection moulded from black co-polymer polypropylene. Centre Tilt Synchro mechanism: The mechanism must be designed with the following features: 360-degree revolving type. Upright position locking Tilt tension adjustment Seat/back tilting ratio of 1:3. **Pneumatic Height Adjustment:** The pneumatic height adjustment should have an adjustment stroke of 12.0+/- 0.3 cm. **Telescopic Bellow assembly:** The bellow is 3 pieces telescopic type and injection moulded in black polypropylene. **Pedestal assembly:** The pedestal has

		to be injection moulded in black 33% glass filled Nylon-66 and fitted with 5 nos. twin wheel castors. The pedestal is 66.3+/-0.5 cm. pitch centre dia (76.3+/-1.0cm with castors). **Twin Wheel castors:** The twin wheel castors should be injection moulded in Black Nylon. The pedestal should be injection moulded in black 33% glass filled Nylon-66. The pedestal should also have 5 nos twin wheel castor.
1.13	High density storage system **Model 1**	High Density Storage System The configuration should have following type of blocks – 1. **S**ingle **S**tatic (**SS**) 2. **S**ingle **L**ast (**SL**) 3. **T**win **M**obile(**TM) –** 2 body back to back. **Main Body:** **(a) Construction:** Rigid **K**nock-**D**own construction should have made out of 0.8 thick. CRCA Steel conforming to IS: 513 Gr.D. Each body block (SS/SL/TM) building should consist of 1 Main unit & then Add-on units (0, 1,2,3,4 - depending on no. of bays 1, 2, 3, 4 & 5). Each unit should have 5 loading levels formed by 4 nos. adjustable shelves. Body units must be bolted to undercarriage. Size of body : 1980 H x 915 W x 457 D **Optimizer Height from ground is 2080 mm (1980 body + 65 undercarriage + 35 channel system).** **Finish:** **The bodies including shelves must be** given antirust surface treatment & are **powder coated** with epoxy-polyester powder. It should involve an 8 **step treatment** consisting of Hot water rinse, Knock of degreasing, degreasing, cold water rinse, phosphating, cold water rinse, and passivation & dry oven treatment. The final finish must consist of epoxy-polyester powder coating of approved color& shade with a **D**ry **F**ilm **T**hickness of minimum of **40 microns**. The testing of paint has to be done for various physical & chemical properties as per IS: 101. The material should then oven-baked with a controlled temperature of 180 deg.C to 200 deg.C.

		Shelf: **(a) Construction:** It should have made of 0.8 thick CRCA steel conforming to IS: 513 Gr.D. Its max load-bearing capacity is 60 Kg uniformly distributed per shelf for P1 Type of Configuration. Shelves must be mounted on support brackets & shelf level can be adjusted at approx. 25.4 pitches. There should be 4 adjustable shelves per body giving 5 loading levels. **Undercarriage:** **(a) Construction:** The Undercarriage should be a welded frame made of HR sheet 3.15 mm thick conforming to IS:10748 suitably fabricated to take the loads based on configuration. **(b) Size:** Sizes of Undercarriage: **S**ingle **S**tatic / **L**ast – **1830** (Width) X **457 (Depth)** X **65** (**H**eight) **T**win **M**obile - **1830** (**W**idth) X **915** (**D**epth) X **65** (**H**eight) **External Load carrying capacity per understructure -** DRIVE TYPE (Configuration – **TYPE D2) - 1200 Kg**. Maximum **(c) Finish:** The undercarriage, after pre-treatment, must be coated with a final finish consisting of epoxy-polyester powder coat of approved color& shade with a **D**ry **F**ilm **T**hickness of minimum **40 microns.** **Movements of the System:** **Drive Type** Configuration: In case of **D2** movement of units must be achieved mechanically through a **PU Drive wheel** and '**Sprocket-Chain-Tensioner' arrangement** mounted rigidly onto the body side. For D2, each movable undercarriage must be provided with 2 **Rollers** on the shaft for **driving**, 2 **antifriction ball bearings** for **rolling** and 4 **anti-friction ball bearings** for **guiding** between channels & 'J' section. **Fittings:** **(a) Centralized Locking:** A Centralized locking arrangement has to be provided through **Locking Stiffener** mounted onto the back of Single Last unit so that it gets locked on channels when all the units are **brought together**. The Cam lock has to be of Godrej make & placed at a

		suitable height. This arrangement should occupy a space of 75.0 mm. When the **last unit** is **Twin Movable**, hinged doors are provided for the end bodies; so in this case, locking stiffener must be mounted onto drive unit cover; and with tile fascia option, it has to be mounted in the recess of vertical trim. Each **Drive type units should** have **Locking Knob** near the Drive wheel for manual locking of individual units when a person is using those units. Knob shall be rotated to unlock position when units are to be moved. After the unit is moved, before entering into the aisle for accessing, this knob shall be rotated to lock position. **End stoppers must be** provided at the end of channels to prevent derailment. **(b) Fasteners:** The nuts & bolts should be galvanized / blackodized / Zn Plated. **(c) Guide Channels:** It should consist of 'J' section 2 mm thick HR sheet & 25 mm Square bright bar – both connected by screws. Prior to the embedding of the guide channels with the help of raul plug & screw, the ground has to be in properly leveled condition. **(d) Label Holder:** Must be made from 2 mm thick clear transparent Acrylic sheet & having an outer dimension of 155 mm X 106 mm. **Aisle Space:** Generally, for comfortable movements, the clear aisle space should have kept on the Handle / Drive Wheel side is around 915mm. Also, the aisle for comfortable accessing of the inside of units, when rolled apart is around 915mm. Create the aisle space between the required units by moving them one by one & not together.
1.14	Conference Table 8 seater capacity	**Conference module of overall size 3000 mm (W) x 1200 mm (D)** **Work surfaces:** Worktop shall be made of 25MM thick Pre-Laminated Board conforming to IS: 12823. All the edges of the work surface shall be provided with machine pressed 2 mm thick PVC lipping glued with hot melt EVA glue. Provided with including access flap power box and wire raiser.

		• Grain direction along the width of the worktop. • Worktops are available either with Grommet or Access flap cutouts. **Swing Leg** • Swing legs are fabricated from MS ERW Tube 50 mm x 25 mm x 1.2mmthick (as per IS: 7138 ERW) along with a PDC (Swing leg corner PDC) part made from Aluminum alloy, which is connected to the worktop and cross members. • Swing leg can be offered in dual color. • This is a three-dimensional leg which has an inclination in 2 planes, it has a ball socket M8 leveler with bottom translucent cap, that allows adjustment up to 50 mm height. **Cross members/connectors Conference module:** • Cross members in the Upbeat system are made from 50 mm x 25 mm x 1.2mm thick (as per IS: 7138 ERW). • Cross members are assembled by friction fit PDC joinery and Grub screws. • All cross members are mounted at a distance of 165 mm from the worktop sides.
1.15	Revolving chairs **Model 1** 	**Revolving Chair with Head Rest** **Seat Assembly:** The seat should have made up of 1.4±0.1 cm thick hot-pressed plywood upholstered with fabric and moulded polyurethane foam. It has to be a seat depth adjustment of 5.0±0.3 cm integrated into the seat through a sliding mechanism. • Seta size**:** 50.0 cm (W) X 49.0 cm (H) **Back Assembly:** The back has to be injection moulded in Glass-filled Polyamide which is upholstered with Mesh fabric. The back consists of adjustable Lumbar support made of injection moulded Polypropylene having an adjustment of 6.0±0.1 cm. • **Back Size:** 50.0 cm (W) X 68.0 cm (H) **Polyurethane Foam:** The polyurethane foam for the seat should have density = 55 ± 5 kg/m3. **Adjustable Armrests:** The height-adjustable armrest must be made of

		Polyamide structure and Polypropylene housing with moulded PU arm top shall have an adjusted of 7.0±0.3cm. **Mechanism:** The mechanism must be designed with the following features: • 360-degree revolving type. • Center tilt syncro. • 3 position (including upright lock) giving the option of variable tilt angle to the chair with an anti-shock feature. **Headrest:** The headrest must be injection moulded in Glass Filled Polypropylene which is upholstered with foam and fabric. It shall have an adjustment of 6.0±0.1 cm & its assembled over the Full back chair. Pneumatic Height Adjustment: The pneumatic height adjustment should be chrome plated with an adjustment stroke of 9.0±0.3 cm. **Pedestal Assembly:** The pedestal has to be injection moulded polyamide and fitted with 5 nos twin wheel castors. The pedestal is 66.0 ± 0.5 cm P.C.D. **Twin Wheel Castors:** The twin wheel castors should be be injection moulded in black Glass-filled polyamide having 6.0±0.1 cm wheel Diameter.
1.16	Visitor Chair **Model 1**	**Visitor Chair** **Seat Assembly:** The seat should have made up of 1.4±0.1 cm thick hot-pressed plywood upholstered with fabric and moulded polyurethane foam. It has to be a seat depth adjustment of 5.0±0.3 cm integrated into the seat through a sliding mechanism. • Seta size: 50.0 cm (W) X 49.0 cm (H) **Back Assembly:** The back must be injection moulded in Glass-filled Polyamide which is upholstered with Mesh fabric. The back should consist of adjustable Lumbar support made of injection moulded Polypropylene having an adjustment of 6.0±0.1 cm. • Back Size: 50.0 cm (W) X 68.0 cm (H) **Polyurethane Foam:** The polyurethane foam for the seat should have density = 55 ± 5 kg/m3.

		Adjustable Armrests: The height-adjustable armrest should be made of Polyamide structure and Polypropylene housing with moulded PU arm top having an adjusted of 7.0±0.3cm. **Sled Base Frame:** The powder-coated welded tubular frame should be made of dia. 2.8±0.03 cm X0.2±0.02 cm thick M.S. Round tube. The frame is fitted with plastic caps made pf injection moulded glass-filled Polypropylene.

D. SECOND FLOOR RIGHT WING		
1.	**Director & DEAN OFFICE**	
SLNO	**ITEM WITH MODEL**	**SPECIFICATION**
1.1	Revolving Chair **Model 3**	**Mid Back Revolving Chair** **a) SEAT/BACK ASSEMBLY:** The seat must be made up of 1.2 cm. thick hot pressed plywood upholstered with fabric and moulded Polyurethane Foam. The back is made up of 1.2 cm. thick hot pressed plywood upholstered with replaceable fabric upholstery covers and moulded polyurethane foam. The back ply and foam is designed with contoured lumbar support for comfortable seating posture. PCH-9P02TC MID BACK SIZE 48cm.(W) X 64.5cm.(H) PCH-9P02TC SEAT SIZE 51.0cm.(W) X 48.0cm.(D) Overall size : WIDTH (W): 76.0 CM, DEPTH (D): 76.0 CM, HEIGHT (H): 91.0-100.0 CM, SEAT HEIGHT (SH): 46.0-55.0 CM. **b) POLYURETHANE FOAM:** The polyurethane foam for seat and back must be moulded with density = 45 +/-2 kg/m3 and Hardness = 20 +/- 2. **c) ARMRESTS (FIXED):** The armrest top should be made of moulded polyurethane (P.U) and mounted on to a fixed type M.S. tubular armrest support chrome plated. The arm support should have a static vertical adjustment of +/-1.5cm. **d) FRONT PIVOT SYNCHRO MECHANISM:** The mechanism is designed with the following features: · 360° revolving type. · Single point control. · Front pivot for a tilt with feet resting on the ground ensuring more comfort. · Tilt tension adjustment. · 4-position locking with an anti-shock feature. · Seatback tilting ratio of 1:2 (11° Seat Tilt /22° back tilt). **e) FIXED BACKREST** : The backrest must consists of a fixed type mechanism i.e no back up/down adjustment**.** **f) PNEUMATIC HEIGHT ADJUSTMENT:** The pneumatic height adjustment should have an adjustment of 9.0 cm. **g) PEDESTAL ASSEMBLY:** The pedestal must be fabricated from steel, chrome plated and assembled with injection moulded black polypropylene hub

<table>
<tr><td></td><td></td><td>cap and 5 nos. twin wheel castors (castor wheel dia. 5.0 cm). The pedestal is 66.0cm. Pitch-center dia. (76.0 cm with castors).

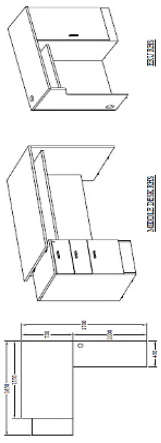
h) TWIN WHEEL CASTORS: The twin wheel castors must be injection moulded in black Nylon.</td></tr>
<tr><td>1.2</td><td>Visitor Chair Model 3</td><td>MID BACK VISITOR CHAIR

Seat/Back Assembly: The seat should be made up of 1.2±0.1 cm thick hot pressed plywood upholstered with fabric or synthetic leather and moulded Polyurethane Foam. The back must be made up OCP-QLTA-P14-18 and upholstered with fabric or leatherette upholstery covers and moulded polyurethane foam. The back ply and foam is designed with contoured lumbar support for comfortable seating posture.
• Mid Back Visitor Size: 48cm(W)X 64.5 cm(H)
• Seat Size: 51.0cm(W) X 48.0 cm(D)

High Resilience(HR) Polyurethane Foam: The HR polyurethane foam for seat and back must be moulded with density = 45_/-2 kg/m3 and hardness load 16±2 kgf as per IS:7888 for 25% compression.

Armrests (Fixed): the armrest top must be moulded from polyurethane(PU) and mounted on to a fixed type tubular armrest support made of Ø3.81±0.03cmX0.2±0.01 cm thick M.S.E.R.W. tube having chrome-plated finish.

Fixed Spine(Conference/Visitor): The seat and back should be arrested together with a fixed type spine i.e. no back up/down adjustment made of 0.8±0.05cm thick. HR Steel and is black powder-coated(DFT 40-60 microns).

Tubular Visitor Frame(Visitor Chair): It should be cantilever structure & made of Dia Ø2.54±0.03cmX0.2±0.016cm thick M.S.E.R.W. Tube with an M.S. Spine mounting bracket welded to it. The back spine should be fitted to the frame assembly. The frame finish has to be Nickel Chrome plated (15-20 microns).</td></tr>
<tr><td>1.3</td><td>Office Table along with back unit Model 2
  </td><td>
<table>
<tr><td></td><td>Middle Desk</td><td>Middle ERU</td></tr>
<tr><td>Top Thickness</td><td>18</td><td>18</td></tr>
<tr><td>Top Dimension</td><td>1650*700</td><td>1000*450</td></tr>
<tr><td>Under structure Height</td><td>725</td><td>725</td></tr>
<tr><td>Overall Hieght</td><td>743</td><td>743</td></tr>
</table>
A) Understructure:
• The understructure is in prelam panels, made with PLT boards.
• 2-Drawer and 3-Drawer storage units with different combinations to support Tops, made with 18mm PLT boards of different colours.
• Modesty and back panels, made with 18mm PLT boards.

B) PLT Board Tops (Straight Edges) for Executive desk and side unit:
• Tops for Junior1, Junior2, and Middle desk with ERU are of</td></tr>
</table>

<table>
<tr><td></td><td></td><td>18mm thickness.
• Made of 18mm thick PLT board with 2mm PVC lipping
• Wenge and Savannah Maple PLT board used for making Tops.</td></tr>
<tr><td>1.4</td><td>Corner Table with one sink</td><td>
<table>
<tr><td colspan="6">MATERIALS & DIMENSION (+/- 2mm)</td></tr>
<tr><td>Code</td><td>Dimension (mm)</td><td>Code</td><td>Dimension (mm)</td><td>Code</td><td>Dimension (mm)</td></tr>
<tr><td>a</td><td>600</td><td>e</td><td></td><td>i</td><td></td></tr>
<tr><td>b</td><td>600</td><td>f</td><td></td><td>j</td><td></td></tr>
<tr><td>c</td><td>450</td><td>g</td><td></td><td>k</td><td></td></tr>
<tr><td>d</td><td>330</td><td>h</td><td></td><td>l</td><td></td></tr>
<tr><td colspan="6"></td></tr>
<tr><td colspan="6">TABLE LEGS METERIALS & SIZE : OVAL METAL TUBE</td></tr>
<tr><td colspan="6">THICK 1.5 mm</td></tr>
<tr><td colspan="6">Color : SILVER POWER COATING</td></tr>
<tr><td colspan="6">TABLE TOP MATERIALS & SIZE : (DENSITY / TYPE)</td></tr>
<tr><td colspan="6">L X W X T 600 X 600 X 8 MM</td></tr>
<tr><td colspan="6">Color : PARTIAL BLACK TEMERED GLASS TOP FULL BLACK TEMPERED GLASS</td></tr>
<tr><td colspan="6">TABLE BOTTOM MATERIALS & SIZE : (DENSITY / TYPE)</td></tr>
<tr><td colspan="6">L X W X T 500 X 500 X 5 MM</td></tr>
<tr><td colspan="6">Color : FULL BLACK TEMPERED GLASS</td></tr>
<tr><td colspan="6">PACKING SPECS :</td></tr>
<tr><td colspan="2">Chair carton size: mm</td><td>MM</td><td colspan="2">Qty : -- pieces per carton (- of -)</td><td>5ply - gsm</td></tr>
<tr><td colspan="2">Table leg carton size: mm</td><td>MM</td><td colspan="2">Qty : -- pieces per carton (1 of 1)</td><td>5ply - gsm</td></tr>
<tr><td colspan="2">Top carton size 650X650x50</td><td>MM</td><td colspan="2">Qty : -- pieces per carton (1 of 1)</td><td>5ply - gsm</td></tr>
<tr><td colspan="6">FINISHING:</td></tr>
<tr><td colspan="6">PARTIAL BLACK GLASS AND SILVER POWDER COATING FRAME AND LEGS</td></tr>
</table>
</td></tr>
<tr><td>1.5</td><td>High density storage system
Model 1</td><td>
High density storage system

The configuration should have following type of blocks –
1. Single Static (SS)
2. Single Last (SL)
3. Twin Mobile(TM) – 2 body back to back.

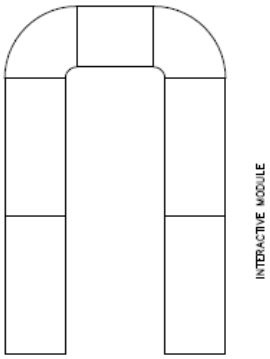
Main Body:
(a) Construction:
Rigid Knock-Down construction should have made out of 0.8 thick. CRCA Steel conforming to IS: 513 Gr.D.
Each body block (SS/SL/TM) building should consist of 1 Main unit & then Add-on units (0, 1,2,3,4 - depending on no. of bays 1, 2, 3, 4 & 5). Each unit should have 5 loading levels formed by 4 nos.
adjustable shelves.
Body units must be bolted to undercarriage.
Size of body : 1980 H x 915 W x 457 D
Optimizer Height from ground is 2080 mm (1980 body + 65 undercarriage + 35 channel system).

Finish:
The bodies including shelves must be given antirust surface treatment & are powder coated with epoxy-polyester powder. It should involve an 8 step treatment consisting of Hot water rinse, Knock of degreasing, degreasing, cold water rinse, phosphating, cold water rinse, and passivation & dry oven treatment. The final finish must consist of epoxy-polyester powder coating of approved color& shade with a Dry Film Thickness of minimum of 40 microns. The testing of paint has to be done for various physical & chemical properties as per IS: 101. The material should then oven-baked with a controlled temperature of 180 deg.C to 200 deg.C.

Shelf:
(a) Construction:
It should have made of 0.8 thick CRCA steel conforming to IS: 513 Gr.D. Its max load-bearing capacity is 60 Kg uniformly distributed per shelf for P1 Type of Configuration. Shelves must be mounted on support brackets & shelf level can be adjusted at approx. 25.4 pitches. There should be 4 adjustable shelves per body giving 5 loading levels.

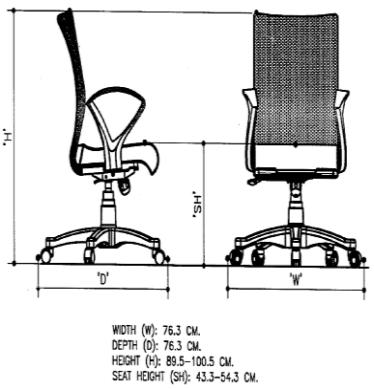
Undercarriage:
(a) Construction:
The Undercarriage should be a welded frame made of HR sheet 3.15 mm thick
</td></tr>
</table>

		conforming to IS:10748 suitably fabricated to take the loads based on configuration. **(b) Size:** Sizes of Undercarriage: **S**ingle **S**tatic / **L**ast – **1830** (Width) X **457 (Depth)** X **65** (**H**eight) **T**win **M**obile - **1830** (**W**idth) X **915** (**D**epth) X **65** (**H**eight) **External Load carrying capacity per understructure -** DRIVE TYPE (Configuration – **TYPE D2) - 1200 Kg**. Maximum **(c) Finish:** The undercarriage, after pre-treatment, must be coated with a final finish consisting of epoxy-polyester powder coat of approved color& shade with a **D**ry **F**ilm **T**hickness of minimum **40 microns.** **Movements of the System:** **Drive Type** Configuration: In case of **D2** movement of units must be achieved mechanically through a **PU Drive wheel** and '**Sprocket-Chain-Tensioner' arrangement** mounted rigidly onto the body side. For D2, each movable undercarriage must be provided with 2 **Rollers** on the shaft for **driving**, 2 **antifriction ball bearings** for **rolling** and 4 **anti-friction ball bearings** for **guiding** between channels & 'J' section. **Fittings:** **(a) Centralized Locking:** A Centralized locking arrangement has to be provided through **Locking Stiffener** mounted onto the back of Single Last unit so that it gets locked on channels when all the units are **brought together**. The Cam lock has to be of Godrej make & placed at a suitable height. This arrangement should occupy a space of 75.0 mm. When the **last unit** is **Twin Movable**, hinged doors are provided for the end bodies; so in this case, locking stiffener must be mounted onto drive unit cover; and with tile fascia option, it has to be mounted in the recess of vertical trim. Each **Drive type units should** have **Locking Knob** near the Drive wheel for manual locking of individual units when a person is using those units. Knob shall be rotated to unlock position when units are to be moved. After the unit is moved, before entering into the aisle for accessing, this knob shall be rotated to lock position. **End stoppers must be** provided at the end of channels to prevent derailment. **(b) Fasteners:** The nuts & bolts should be galvanized / blackodized / Zn Plated. **(c) Guide Channels:** It should consist of 'J' section 2 mm thick HR sheet & 25 mm Square bright bar – both connected by screws. Prior to the embedding of the guide channels with the help of raul plug & screw, the ground has to be in properly leveled condition. **(d) Label Holder:** Must be made from 2 mm thick clear transparent Acrylic sheet & having an outer dimension of 155 mm X 106 mm. **Aisle Space:** Generally, for comfortable movements, the clear aisle space should have kept on the Handle / Drive Wheel side is around 915mm. Also, the aisle for comfortable accessing of the inside of units, when rolled apart is around 915mm. Create the aisle space between the required units by moving them one by one & not together.
1.6	Modular conference table Senate with wire manager for 44 seating capacity	**Senate Conference Table with Wire manager (44 Seating Capacity)**

		The modular Conference table should be custom made to meet the requirement of the presentation hall, Boardroom, or Conference room. **i) Worksurface :** Top thickness 31.6 (18mm + 12mm + 0.6 mm DL(both sides) + 0.4mm Membrane) Edge profile Waterfall Edge 10mm radius on top edge and 5 mm at bottom. **ii) Understructure -** Leg: Should be made from 25mm PPB having a straight profile with half-round edges and clad with 0.6mm thick Post Forming laminate. The overall thickness of the leg is 26.2mm. - **Modesty Panel:** Should be made from PLT (Pre laminated Twin) boards of 18mm thick. **iii) Wire Manager** - Wire Carrier: Should be made from 0.6mm thick CRCA painted. - Carrier Cover: Should be made of 12mm thick. MDF Painted all over. **iv) Material:** Substrate - MDF - Skin: PVC Membrane foil (0.4mm thick) clad on the substrate MDF using PU glue for better adhesion. This foil is pre-coated with a layer of polyurethane for better scratch resistance.
1.7	Revolving chairs **Model 3**	**Seat/Back Assembly:** The seat should be made up of 1.2±0.1 cm thick hot pressed plywood upholstered with fabric or synthetic leather and moulded Polyurethane Foam. The back must be made up OCP-QLTA-P14-18 and upholstered with fabric or leatherette upholstery covers and moulded polyurethane foam. The back ply and foam is designed with contoured lumbar support for comfortable seating posture. • High Back Size: 48cm(W)X 76.0 cm(H) • Seat Size: 51.0cm(W) X 48.0 cm(D) **High Resilience(HR) Polyurethane Foam:** The HR polyurethane foam for seat and back has to be moulded with density = 45_/-2 kg/m3 and hardness load 16±2 kgf as per IS:7888 for 25% compression. **Armrests (Adjustable):** The armrest top must be moulded from polyurethane(PU) and mounted on to a drop lift adjustable type tubular armrest support made of Ø3.81±0.03cmX0.2±0.01 cm thick M.S.E.R.W. tube having chrome-plated finish. The armrest height should be adjustable up to 6.5±0.5cm in 5 steps. **Armrests (Fixed):** the armrest top must be moulded from polyurethane(PU) and mounted on to a fixed type tubular armrest support made of Ø3.81±0.03cmX0.2±0.01 cm thick M.S.E.R.W. tube having chrome-plated finish. Knee Tilt Synchro Mechanism With Seat Depth Adjustment **Mechanism:** The mechanism has to be designed with the following features • 360-degree revolving type single point control. • Front pivot for a tilt with feet resting on the ground ensuring more comfort. • Tilt tension adjustment. • 4-position locking with the anti-shock feature. • Seatback tilt ratio of 1:2. **Adjustable backrest:** The backrest must be connected to the mechanism with a drop lift mechanism which can be adjusted in the range of 7.0±0.5cm. and locked in 5 positions for better lumbar support. **Fixed Spine(Conference/Visitor):** The seat and back should be arrested together with a fixed type spine i.e. no back up/down adjustment made of 0.8±0.05cm thick. HR Steel and is black powder-coated (DFT 40-60 microns). **Pneumatic Height Adjustment:** The pneumatic height adjustment must have an adjustment stroke of 10.0±0.3 cm. **Pedestal Assembly:** The pedestal must be fabricated from 0.2±0.02 cm thick HR Steel, chrome plated and assembled with injection moulded black polypropylene hub cap and 5 nos twin wheel castors. The pedestal is 66.0±0.5cm. Pitch-centerdia (76.0±1.0 cm with castors).

		Twin Wheel Castors: These are to be injection moulded in black Nylon.
1.8	Visitor Chair **Model 3**	**MID BACK VISITOR CHAIR** **Seat/Back Assembly:** The seat should be made up of 1.2±0.1 cm thick hot pressed plywood upholstered with fabric or synthetic leather and moulded Polyurethane Foam. The back must be made up OCP-QLTA-P14-18 and upholstered with fabric or leatherette upholstery covers and moulded polyurethane foam. The back ply and foam is designed with contoured lumbar support for comfortable seating posture. • Mid Back Visitor Size: 48cm(W)X 64.5 cm(H) • Seat Size: 51.0cm(W) X 48.0 cm(D) **High Resilience(HR) Polyurethane Foam:** The HR polyurethane foam for seat and back must be moulded with density = 45_/-2 kg/m3 and hardness load 16±2 kgf as per IS:7888 for 25% compression. **Armrests (Fixed):** the armrest top must be moulded from polyurethane(PU) and mounted on to a fixed type tubular armrest support made of Ø3.81±0.03cmX0.2±0.01 cm thick M.S.E.R.W. tube having chrome-plated finish. **Fixed Spine(Conference/Visitor):** The seat and back should be arrested together with a fixed type spine i.e. no back up/down adjustment made of 0.8±0.05cm thick. HR Steel and is black powder-coated(DFT 40-60 microns). **Tubular Visitor Frame(Visitor Chair):** It should be cantilever structure & made of Dia Ø2.54±0.03cmX0.2±0.016cm thick M.S.E.R.W. Tube with an M.S. Spine mounting bracket welded to it. The back spine should be fitted to the frame assembly. The frame finish has to be Nickel Chrome plated (15-20 microns).
1.9	Office Table along with back Unit as well as storage unit **Model 3**	**Executive Desk with a Side Unit with Pedestal** Overall dimension : 2350mm W x 750mm H. Primary Work surface : Made of 25mm thick MDF one side pre-laminate board confirming to IS- 14587:1998 with 0.4mm PVC membrane pressed on to top Softclosing access flap with in-build power box are provided on work surface for wire management Secondary Work surface : Made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top. Modesty Panel : Made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top.. Understructure : Made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Integrated Pedestal : Made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Drawer fronts made of 25mm thick MDF one side pre-laminateboard confirming to IS-14587:1998 with 0.4mm PVC

		membrane pressed on to top Pedestal construction is BOX-BOX-FILE type which Uses powder coated 400 MM long metal Panel Drawer Slides. Drawer extension is 325 MM. Drawers have a soft closing & anti slam mechanism. Handles are provided for ease of opening. Pedestals are provided with lock for security. Accessories offered with Table: Stationery Holder : (Size - 320mm W x 150mm D) Made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top. Desk Pad : (Size - 800mm W x 430mm D) Made of 1 mm thick artificial-leather glued on 1.2 mm thick GI sheet of 1.2 mm thick as per IS 277.
1.10	Revolving Chair **Model 4**	Height adjustable back Height adjustable arms Seat depth adjustment Active bio-synchro mechanism Width: 76 CM Depth: 76 CM Height: 112 - 130. CM Seat Height: 43 – 53 CM
1.11	Visitor Chair **Model 4**	**Seat Assembly**:The seat is made up of 1.4±0.1 cm thick hot-pressed plywood upholstered with fabric and moulded polyurethane foam. It has a seat depth adjustment of 5.0±0.3 cm integrated in the seat through a sliding mechanism. • Seta size: 50.0 cm (W) X 49.0 cm (H) **Back Assembly**:The back is injection moulded in Glass filled Polyamide which is upholstered with Mesh fabric. The back consists of adjustable Lumbar support made of injection moulded Polypropylene having an adjustment of 6.0±0.1 cm. • Back Size: 50.0 cm (W) X 68.0 cm (H) Polyurethane Foam: The polyurethane foam for seat is of density = 55 ± 5 kg/m3. Adjustable Armrests: The height adjustable armrest is made of Polyamide structure and Polyproplene housing with moulded PU armtop having a adjusted of 7.0±0.3cm. Sled Base Frame: The powder coated welded tubular frame is made of dia. 2.8±0.03 cm X0.2±0.02 cm thk M.S. Round tube. The frame is fitted with plastic caps made pf injection moulded glass filled Polypropylene.
1.12	Sofa (3 seater +1 +1)	**Sofa (3 Seater +1 +1), Full-Aniline Leather, Black** Dimensions W x H x D (cm) 199 x 88.4 x 93.5 Primary Material: Tropical Wood Leather of the sofa should have a color-fade resistance along with being a visual treat. Pure Leather at touch points. Non touch pointsare of PVC, Soft foam for

		comfort, Generous armrest, High back rest with lumber support, Excellent fit and finish.
1.13	Circular meeting table with 1050 Diametre along with Swing leg	**Circular table.** • Circular table available should be in size Dia. 1050 mm. • Circular meeting table should be single access flap and power box with raiser for wire management. **Work surfaces:** Worktop shall be made of 25MM thick Pre-Laminated Board conforming to IS: 12823. All the edges of work surface shall be provided with machine pressed 2 mm thick PVC lipping glued with hot melt EVA glue. Provided with including access flap power box and wire raiser. • Grain direction along the width of worktop. • Worktops should be available either with Grommet or Access flap cutouts. **Swing Leg** • Swing legs should be fabricated from MS ERW Tube 50 mm x 25 mm x 1.2mmthk (as per IS: 7138 ERW) along with a PDC (Swing leg corner PDC) part made from Aluminum alloy, which is connected to the worktop and cross members. • Swing leg can be offer in dual color. • This should be a three dimensional leg which has inclination in 2 planes, it has a ball socket M8 leveller with bottom translucent cap , that allows adjustment up to 50 mm height. **Cross member/connector Meeting table:** • Cross members in the Upbeat system should made from 50 mm x 25 mm x 1.2mm thk (as per IS: 7138 ERW). • Cross members should be assembled by friction fit PDC joinery and Grub screws. All cross members should be mounted at a distance of 165 mm from worktop sides.
1.14	Revolving Chairs of Model 6  WIDTH (W): 76.3 CM. DEPTH (D): 76.3 CM. HEIGHT (H): 89.5–100.5 CM. SEAT HEIGHT (SH): 43.3–54.3 CM.	**SEAT ASSEMBLY:** The seat assembly must be made up of 1.2±0.1 cm, thick hot-pressed plywood measured as per QA method described in OCP-QLTA-P14-18, UPHOlstered with fabric upholstery covers and moulded Polyurethane foam. **SEAT SIZE :** 47.0 cm (W) x 48.0 cm (D) BACK ASSEMBLY: The back assembly must be made of powder-coated (DFT 40-60 microns) tubular frame of Ø 2.54 ± 0.03 cm x 0.2 ± 0.016 cm thick. MS ERW tube designed with contoured lumbar support for extra comfort. The back is upholstered using Net fabric with high tenacity yarn. **BACK SIZE:** 46.5cm (W)x60.5 cm. (H) High Resilience (HR) Polyurethane Foam: The HR polyurethane foam has to be moulded with density =45+/-2 kg/m3 and hardness load 16±2 kgf as per IS:7888 for 25% compression. **Armrests:** The one-piece armrests should have injection moulded from black Co-polymer Polypropylene.

		Central-Tilt Mechanism: The mechanism must be designed with the following features: • 360˚ revolving type. • 17˚ ± 2˚ maximum tilt on a pivot at the center. • Upright position locking. • Tilt tension adjustment. **Pneumatic Height Adjustment:** It should have an adjustment stroke of 11.0±0.3 cm. **Telescopic Bellow Assy:** The below is 3 pieces telescopic type and injection moulded in Black Polypropylene. **Pedestal Assembly:** It should be injection moulded in black 33% glass-filled Nylon66 and filled with 5 nos. twin wheel castors. The pedestal is 66.3±0.5 cm. pitch-contor dia. (76±1.0 cm with castors). **Twin wheel castors:** These are to be injection moulded in black Nylon.

<table>
<tr><td colspan="3">E. THIRD FLOOR LEFT WING</td></tr>
<tr><td>1.</td><td colspan="2">COMPUTER CENTRE</td></tr>
<tr><td>SLNO</td><td>ITEM WITH MODEL</td><td>SPECIFICATION</td></tr>
<tr><td>1.1</td><td>Office Table along with back unit and storage unit Model 2</td><td>
<table>
<tr><td></td><td>Middle Desk</td><td>Middle ERU</td></tr>
<tr><td>Top Thickness</td><td>18</td><td>18</td></tr>
<tr><td>Top Dimension</td><td>1650*700</td><td>1000*450</td></tr>
<tr><td>Under structure Height</td><td>725</td><td>725</td></tr>
<tr><td>Overall Hieght</td><td>743</td><td>743</td></tr>
</table>
A) Understructure:
• The understructure is in prelam panels, made with PLT boards.
• 2-Drawer and 3-Drawer storage units with different combinations to support Tops, made with 18mm PLT boards of different colours.
• Modesty and back panels, made with 18mm PLT boards.

B) PLT Board Tops (Straight Edges) for Executive desk and side unit:
• Tops for Junior1, Junior2, and Middle desk with ERU are of 18mm thickness.
• Made of 18mm thick PLT board with 2mm PVC lipping
• Wenge and Savannah Maple PLT board used for making Tops.
</td></tr>
<tr><td>1.2</td><td>Revolving chair Model 1</td><td>Revolving Chair with Head Rest

Seat Assembly: The seat should have made up of 1.4±0.1 cm thick hot-pressed plywood upholstered with fabric and moulded polyurethane foam. It</td></tr>
</table>

		has to be a seat depth adjustment of 5.0±0.3 cm integrated into the seat through a sliding mechanism. • Seta size**:** 50.0 cm (W) X 49.0 cm (H) **Back Assembly:** The back has to be injection moulded in Glass-filled Polyamide which is upholstered with Mesh fabric. The back consists of adjustable Lumbar support made of injection moulded Polypropylene having an adjustment of 6.0±0.1 cm. • **Back Size:** 50.0 cm (W) X 68.0 cm (H) **Polyurethane Foam:** The polyurethane foam for the seat should have density = 55 ± 5 kg/m3. **Adjustable Armrests:** The height-adjustable armrest must be made of Polyamide structure and Polypropylene housing with moulded PU arm top shall have an adjusted of 7.0±0.3cm. **Mechanism:** The mechanism must be designed with the following features: • 360-degree revolving type. • Center tilt syncro. • 3 position (including upright lock) giving the option of variable tilt angle to the chair with an anti-shock feature. **Headrest:** The headrest must be injection moulded in Glass Filled Polypropylene which is upholstered with foam and fabric. It shall have an adjustment of 6.0±0.1 cm & its assembled over the Full back chair. Pneumatic Height Adjustment: The pneumatic height adjustment should be chrome plated with an adjustment stroke of 9.0±0.3 cm. **Pedestal Assembly:** The pedestal has to be injection moulded polyamide and fitted with 5 nos twin wheel castors. The pedestal is 66.0 ± 0.5 cm P.C.D. **Twin Wheel Castors:** The twin wheel castors should be be injection moulded in black Glass-filled polyamide having 6.0±0.1 cm wheel Diameter.
1.3	Visitor Chair **Model 1**	**Visitor Chair** **Seat Assembly:** The seat should have made up of 1.4±0.1 cm thick hot-pressed plywood upholstered with fabric and moulded polyurethane foam. It has to be a seat depth adjustment of 5.0±0.3 cm integrated into the seat through a sliding mechanism. • Seta size: 50.0 cm (W) X 49.0 cm (H) **Back Assembly:** The back must be injection moulded in Glass-filled Polyamide which is upholstered with Mesh fabric. The back should consist of adjustable Lumbar support made of injection moulded Polypropylene having an adjustment of 6.0±0.1 cm. • Back Size: 50.0 cm (W) X 68.0 cm (H) **Polyurethane Foam:** The polyurethane foam for the seat should have density = 55 ± 5 kg/m3. **Adjustable Armrests:** The height-adjustable armrest should be made of Polyamide structure and Polypropylene housing with moulded PU arm top having an adjusted of 7.0±0.3cm. **Sled Base Frame:** The powder-coated welded tubular frame should be made of dia. 2.8±0.03 cm X0.2±0.02 cm thick M.S. Round tube. The frame is fitted with plastic caps made pf injection moulded glass-filled Polypropylene.
1.4	Computer workstations - with size of 1200W x 600D with screen on front & both the sides.	**Computer Workstation (1200mm(W) x 600mm(D) x 1200mm(H))** Panel Based modular furniture system should be comprised of two types of

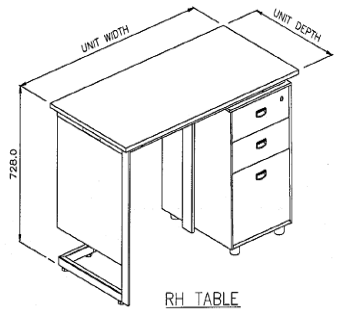
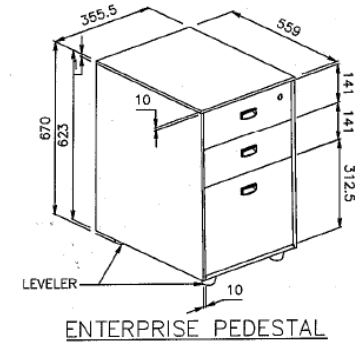
		panels as per their thickness viz 52.4mm and 22.8 mm. The 52.4 mm panel should be comprised of – 2 nos of vertical extrusion made of aluminium. Horizontal extrusion made of aluminium at every division of tile/block. The numbers of these horizontal extrusions vary as per panel height. Blocks made out of composite construction of MDF and paper honeycomb. Number of these blocks may vary as per panel height. One no. of fabricated bottom frame as a welded structure of steel component. 2 nos. of bottom tiles, 2 nos. of top tiles, 1no of top trim made of aluminium extrusion, These panels are supported on legs with levellers The 22.8 mm panel should be comprises of – 2 nos. of vertical extrusion made of aluminium. Horizontal extrusion made of aluminium at every division of tile/block. The numbers of these horizontal extrusions may vary as per panel height Blocks made out particle board with various finishes. Number of these blocks vary as per panel height. 1no of top trim made of aluminium extrusion, 1no of end trim made of aluminium extrusion ,1 no of end trim cap made of aluminium die cast, These panels are supported on legs with levellers. These panels have restricted finish and no cable management facilities. Bottom frame integrated with uprights to form the understructure for the panel. Fabricated bottom frame for 52.4mm panel comprises L-channels, formed plates and steel tube welded together. Coated with epoxy powder coating and available in 300 mm to 1800 mm standard width with a height of 256 mm. The Panel legs should be used for supporting panels at a raised level to have a clean and airy workplace. Single side legs should be used for supporting the work surface on one side only. They should be fabricated by CO2 welded MS Tube with the MS base plate, over which leveler is fitted. They are classified as Single Side Leg for 52.4 mm panel & Single Side Leg for 22.8 mm panel. Coated with epoxy powder coating. Double side legs used for supporting the work surface on both sides. They should be fabricated by CO2 welded MS Tube with the MS base plate, over which leveller is fitted. They are classified as Double Side Leg for 52.4 mm panel & Double Side Leg for 22.8 mm panel. Coated with epoxy powder coating. Verticals and Horizontals work as a spine to the entire panel system. The blocks and metal frame should be held together by verticals at both ends of the panel and horizontals between each block and tile. Horizontal extrusions provide a slot for mounting accessories on the tiles. Top trim and end trim get fixed to the Horizontals and Verticals respectively Coated with epoxy powder coating. Cover Trims should be used to enhance the aesthetic of the system and offer finished looks to the entire system. Top and end trim connects to the Horizontals and Verticals respectively. Top trims and end trims are made of aluminum extrusion having an average wall thickness of 1.2 mm. Coated with epoxy powder coating. The Joinery post should be used for supporting panels to form different layout. Joinery post should be made of aluminium extrusion having an average wall thickness of 1.2 mm. Coated with epoxy powder coating. Die-Cast Caps should be used to cover exposed top edge of Panel at junctions and ends. Die-cast caps are made of aluminium alloy having an average wall thickness of 1.2 mm. Coated with epoxy powder coating. Grouting post should be used for supporting 52.4 mm panels in configurations, where a panel is not connected to the work surface or is a free-standing panel. It is connected to vertical extrusion of the panel and grounded to the floor below with grouting bolts. Grouting post is made of MS plate with the base plate of 5 mm thick. Coated with epoxy powder coating. Grouting post available only in a single size for all heights of panels.

		Tiles: Top Tiles for 52.4 mm thick panel can be offered in a variety of combinations. These tiles are slid into the panels from the top before fixing the top horizontal. These tiles are supported from the top and bottom side with clips made from PP copolymer fitted in horizontal extrusion. These tiles should be of Fabric magnetic finish. Fabric Magnetic Tiles are fabric upholstered metal tiles in 0.6 mm thick G.I. Grade O as per IS: 277. The fabric is upholstered with adhesives. Bottom Tiles for 52.4 mm thick panel should be press-fitted on to the assembly frame of the panel with the help of snap-on clips made of nylon-66 and support clips made from PP copolymer. These tiles should be of Plain metal finish. Plain Metal Tiles are made of 0.6 mm thick M.S. CRCA Grade D as per IS: 513 and powder coated with Epoxy- Polyester finish. Worksurface should be made of 25 mm thick pre-laminated particle board having all its edges with minimum 2 mm thick PVC edge banding. The worksurface shall be provided with circular cut out of 0.65mm diameter as per the requirement, for the passing of wires. These cutouts shall be provided with ABS covers. Brackets provide support for worksurface. They should be classified as Worksurface Bracket mounted on to the Horizontal extrusion. It is made from 2.0 mm thick CRCA grade D steel as per IS: 513-19. 6 numbers of ribs are provided on the work surface for strengthening purposes. All the work surface should be mounted on the worksurface through round Philip head diameter 4 mm x 19 lengths having finish zinc plated blue. Holder Bracket made from 2.0 mm thick CRCA grade D steel as per IS:513-19. It is slid in between end trim and vertical extrusion and mounted on the work surface
1.5	Modular workstation of size : 1650 mm (W) x 600 mm(D) with CPU Trolley and KBPT.	**Dimensions: 1650mm(W) x 600mm(D) x 1200mm(H)** Panel Based modular furniture system should be comprised of two types of panels as per their thickness viz 52.4mm and 22.8 mm. The 52.4 mm panel should be comprised of – 2 nos of vertical extrusion made of aluminium. Horizontal extrusion made of aluminium at every division of tile/block. The numbers of these horizontal extrusions vary as per panel height. Blocks made out of composite construction of MDF and paper honeycomb. Number of these blocks may vary as per panel height. One no. of fabricated bottom frame as a welded structure of steel component. 2 nos. of bottom tiles, 2 nos. of top tiles, 1no of top trim made of aluminium extrusion, These panels are supported on legs with levellers The 22.8 mm panel should be comprises of – 2 nos. of vertical extrusion made of aluminium. Horizontal extrusion made of aluminium at every division of tile/block. The numbers of these horizontal extrusions may vary as per panel height Blocks made out particle board with various finishes. Number of these blocks vary as per panel height. 1no of top trim made of aluminium extrusion, 1no of end trim made of aluminium extrusion ,1 no of end trim cap made of aluminium die cast, These panels are supported on legs with levellers. These panels have restricted finish and no cable management facilities. Bottom frame integrated with uprights to form the understructure for the panel. Fabricated bottom frame for 52.4mm panel comprises L-channels, formed plates and steel tube welded together. Coated with epoxy powder coating and available in 300 mm to 1800 mm standard width with a height of 256 mm. The Panel legs should be used for supporting panels at a raised level to have a clean and airy workplace. Single side legs should be used for supporting the work surface on one side only. They should be fabricated by CO2 welded MS Tube with the MS base plate, over which leveler is fitted. They are classified as Single Side Leg for 52.4 mm panel & Single Side Leg for 22.8 mm panel. Coated with epoxy powder coating. Double side legs used for supporting the work surface on both sides. They should be fabricated by CO2 welded MS

		Tube with the MS base plate, over which leveller is fitted. They are classified as Double Side Leg for 52.4 mm panel & Double Side Leg for 22.8 mm panel. Coated with epoxy powder coating. Verticals and Horizontals work as a spine to the entire panel system. The blocks and metal frame should be held together by verticals at both ends of the panel and horizontals between each block and tile. Horizontal extrusions provide a slot for mounting accessories on the tiles. Top trim and end trim get fixed to the Horizontals and Verticals respectively Coated with epoxy powder coating. Cover Trims should be used to enhance the aesthetic of the system and offer finished looks to the entire system. Top and end trim connects to the Horizontals and Verticals respectively. Top trims and end trims are made of aluminum extrusion having an average wall thickness of 1.2 mm. Coated with epoxy powder coating. The Joinery post should be used for supporting panels to form different layout. Joinery post should be made of aluminium extrusion having an average wall thickness of 1.2 mm. Coated with epoxy powder coating. Die-Cast Caps should be used to cover exposed top edge of Panel at junctions and ends. Die-cast caps are made of aluminium alloy having an average wall thickness of 1.2 mm. Coated with epoxy powder coating. Grouting post should be used for supporting 52.4 mm panels in configurations, where a panel is not connected to the work surface or is a free-standing panel. It is connected to vertical extrusion of the panel and grounded to the floor below with grouting bolts. Grouting post is made of MS plate with the base plate of 5 mm thick. Coated with epoxy powder coating. Grouting post available only in a single size for all heights of panels. **Tiles:** Top Tiles for 52.4 mm thick panel can be offered in a variety of combinations. These tiles are slid into the panels from the top before fixing the top horizontal. These tiles are supported from the top and bottom side with clips made from PP copolymer fitted in horizontal extrusion. These tiles should be of Fabric magnetic finish. Fabric Magnetic Tiles are fabric upholstered metal tiles in 0.6 mm thick G.I. Grade O as per IS: 277. The fabric is upholstered with adhesives. Bottom Tiles for 52.4 mm thick panel should be press-fitted on to the assembly frame of the panel with the help of snap-on clips made of nylon-66 and support clips made from PP copolymer. These tiles should be of Plain metal finish. Plain Metal Tiles are made of 0.6 mm thick M.S. CRCA Grade D as per IS: 513 and powder coated with Epoxy- Polyester finish. Worksurface should be made of 25 mm thick pre-laminated particle board having all its edges with minimum 2 mm thick PVC edge banding. The worksurface shall be provided with circular cut out of 0.65mm diameter as per the requirement, for the passing of wires. These cutouts shall be provided with ABS covers. Brackets provide support for worksurface. They should be classified as Worksurface Bracket mounted on to the Horizontal extrusion. It is made from 2.0 mm thick CRCA grade D steel as per IS: 513-19. 6 numbers of ribs are provided on the work surface for strengthening purposes. All the work surface should be mounted on the worksurface through round Philip head diameter 4 mm x 19 lengths having finish zinc plated blue. Holder Bracket made from 2.0 mm thick CRCA grade D steel as per IS:513-19. It is slid in between end trim and vertical extrusion and mounted on the work surface
1.6	Revolving chairs with arm, **Model 2**	**Revolving Chair with Mid Back Support and Armrest** **Seat/Back Assembly:** The seat and back assembly should be made up of

		1.2+/- 0.1 cm. thick hot-pressed plywood measures as per QA method described in OCP-QLTA-P14-18 and upholstered with fabric upholstery covers and moulded Polyurethane foam. The back foam must be designed with contoured lumbar support for extra comfort. The seat has extra thick foam on the front edge to give comfort to the popliteal area. Back size : 47.5 cm (W) x 69.5 cm (H), Seat Size : 47.0cm(W) x 48.0cm(D) Overall Width (W) : 76.3 cm, Depth (D) : 76.3 cm, Ht. (H) : 97.0-109.0 cm, Seat ht. : 42.5-54.5 cm. High Resilience (HR) Polyurethane foam: The HR polyurethane foam must be moulded with density of 45+/-2 Kg/cu.mtr. and hardness load 16+/-2kgf as per IS:7888 for 25% compression. **Armrests:** The one-piece armrests must be injection moulded from black co-polymer polypropylene. Centre Tilt Synchro mechanism: The mechanism should be designed with the following features: 360-degree revolving type. Upright position locking Tilt tension adjustment Seat/back tilting ratio of 1:3. **Pneumatic Height Adjustment:** The pneumatic height adjustment should have an adjustment stroke of 12.0+/-0.3 cm. Telescopic Bellow assembly: The bellow is 3 pieces telescopic type and injection moulded in black polypropylene. **Pedestal assembly:** The pedestal must be injection moulded in black 33% glass filled Nylon-66 and fitted with 5 nos. twin wheel castors. The pedestal is 66.3+/-0.5 cm. pitch centerdia (76.3+/-1.0cm with castors). **Twin Wheel castors:** The twin wheel castors must be injection moulded in Black Nylon. The pedestal should be injection moulded in black 33% glass filled Nylon-66. The pedestal should also have a 05 nos twin wheel castor.
1.7	Modular partition system size : 1800 mm (W) x 750 mm(D) x 1200 mm with CPU Trolley and KBPT.	**Dimensions: 1800mm(W) x 750mm(D) x 1200mm(H)** Panel Based modular furniture system should be comprised of two types of panels as per their thickness viz 52.4mm and 22.8 mm. The 52.4 mm panel should be comprised of – 2 nos of vertical extrusion made of aluminium. Horizontal extrusion made of aluminium at every division of tile/block. The numbers of these horizontal extrusions vary as per panel height. Blocks made out of composite construction of MDF and paper honeycomb. Number of these blocks may vary as per panel height. One no. of fabricated bottom frame as a welded structure of steel component. 2 nos. of bottom tiles, 2 nos. of top tiles, 1no of top trim made of aluminium extrusion, These panels are supported on legs with levellers The 22.8 mm panel should be comprises of – 2 nos. of vertical extrusion made of aluminium. Horizontal extrusion made of aluminium at every division of tile/block. The numbers of these horizontal extrusions may vary as per panel height Blocks made out particle board with various finishes. Number of these blocks vary as per panel height. 1no of top trim made of aluminium extrusion, 1no of end trim made of aluminium extrusion ,1 no of end trim cap made of aluminium die cast, These panels are supported on legs with levellers. These panels have restricted finish and no cable management facilities. Bottom frame integrated with uprights to form the understructure for the

		panel. Fabricated bottom frame for 52.4mm panel comprises L-channels, formed plates and steel tube welded together. Coated with epoxy powder coating and available in 300 mm to 1800 mm standard width with a height of 256 mm. The Panel legs should be used for supporting panels at a raised level to have a clean and airy workplace. Single side legs should be used for supporting the work surface on one side only. They should be fabricated by CO2 welded MS Tube with the MS base plate, over which leveler is fitted. They are classified as Single Side Leg for 52.4 mm panel & Single Side Leg for 22.8 mm panel. Coated with epoxy powder coating. Double side legs used for supporting the work surface on both sides. They should be fabricated by CO2 welded MS Tube with the MS base plate, over which leveller is fitted. They are classified as Double Side Leg for 52.4 mm panel & Double Side Leg for 22.8 mm panel. Coated with epoxy powder coating. Verticals and Horizontals work as a spine to the entire panel system. The blocks and metal frame should be held together by verticals at both ends of the panel and horizontals between each block and tile. Horizontal extrusions provide a slot for mounting accessories on the tiles. Top trim and end trim get fixed to the Horizontals and Verticals respectively Coated with epoxy powder coating. Cover Trims should be used to enhance the aesthetic of the system and offer finished looks to the entire system. Top and end trim connects to the Horizontals and Verticals respectively. Top trims and end trims are made of aluminum extrusion having an average wall thickness of 1.2 mm. Coated with epoxy powder coating. The Joinery post should be used for supporting panels to form different layout. Joinery post should be made of aluminium extrusion having an average wall thickness of 1.2 mm. Coated with epoxy powder coating. Die-Cast Caps should be used to cover exposed top edge of Panel at junctions and ends. Die-cast caps are made of aluminium alloy having an average wall thickness of 1.2 mm. Coated with epoxy powder coating. Grouting post should be used for supporting 52.4 mm panels in configurations, where a panel is not connected to the work surface or is a free-standing panel. It is connected to vertical extrusion of the panel and grounded to the floor below with grouting bolts. Grouting post is made of MS plate with the base plate of 5 mm thick. Coated with epoxy powder coating. Grouting post available only in a single size for all heights of panels. **Tiles:** Top Tiles for 52.4 mm thick panel can be offered in a variety of combinations. These tiles are slid into the panels from the top before fixing the top horizontal. These tiles are supported from the top and bottom side with clips made from PP copolymer fitted in horizontal extrusion. These tiles should be of Fabric magnetic finish. Fabric Magnetic Tiles are fabric upholstered metal tiles in 0.6 mm thick G.I. Grade O as per IS: 277. The fabric is upholstered with adhesives. Bottom Tiles for 52.4 mm thick panel should be press-fitted on to the assembly frame of the panel with the help of snap-on clips made of nylon-66 and support clips made from PP copolymer. These tiles should be of Plain metal finish. Plain Metal Tiles are made of 0.6 mm thick M.S. CRCA Grade D as per IS: 513 and powder coated with Epoxy- Polyester finish. Worksurface should be made of 25 mm thick pre-laminated particle board having all its edges with minimum 2 mm thick PVC edge banding. The worksurface shall be provided with circular cut out of 0.65mm diameter as per the requirement, for the passing of wires. These cutouts shall be provided with ABS covers.

		Brackets provide support for worksurface. They should be classified as Worksurface Bracket mounted on to the Horizontal extrusion. It is made from 2.0 mm thick CRCA grade D steel as per IS: 513-19. 6 numbers of ribs are provided on the work surface for strengthening purposes. All the work surface should be mounted on the worksurface through round Philip head diameter 4 mm x 19 lengths having finish zinc plated blue. Holder Bracket made from 2.0 mm thick CRCA grade D steel as per IS:513-19. It is slid in between end trim and vertical extrusion and mounted on the work surface
1.8	Office Table with CPU Hanger   ENTERPRISE PEDESTAL	**Office Table With CPU hanger** Unit Width: 1500 | Unit Depth: 750 Overall size : 1500 mm (W) x 750 mm (D) x 728 mm (H) **c)** Top : Worksurface - 18mm thk. Pre Laminated Particle Board (PLB) All work surface edges are duly sealed with 2mm thick PVC Edgebanding b) Understructure : Modesty Panel - 18mm thk. Pre Laminated Particle Board (PLB) All work surface edges are duly sealed with 2mm thick PVC Edgebanding. Rectangular Frame - Fabricated component in 1.2mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester) Leg - Fabricated component in 38mmx25mmx1.2mm thick MS ERW Tube (IS:7138), Finish: Powder coat (Epoxy polyester). CPU Modesty - 0.8mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester) Plastic Cap for Cable travel - Injection Moulded Polypropylene Leveler glide for Leg - Nylon 6 & MS Bolt c) Storage - Pedestal : Shell - 0.6mm thick CRCA (IS:513) , Finish: Powder coat (Epoxy polyester) Drawer Tray - 0.6mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester) Drawer Front - 0.8mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester) Frame Assembly - 1.2mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester) Lock - 10 Lever Cam Lock. Handle - Injection Moulded Polypropylene. Leveller - Nylon6 & MS Bolt d) Wire-Management : Horizontal Wire Carrier - 0.7mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester) Vertical Wire Carrier - 0.8mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester)
1.9	Panel based modular partition system size : 1650 mm (W) x 600 mm(D) x 1200 mm (Partition Ht.) with Mobile	**Modular Partition System for Workstation (1650mm(W) x 600mm(D) x 1200mm(H))** Panel Based modular furniture system should be comprised of two types of

	pedestal, CPU Trolley and KBPT.	panels as per their thickness viz 52.4mm and 22.8 mm. The 52.4 mm panel should be comprised of – 2 nos of vertical extrusion made of aluminium. Horizontal extrusion made of aluminium at every division of tile/block. The numbers of these horizontal extrusions vary as per panel height. Blocks made out of composite construction of MDF and paper honeycomb. Number of these blocks may vary as per panel height. One no. of fabricated bottom frame as a welded structure of steel component. 2 nos. of bottom tiles, 2 nos. of top tiles, 1no of top trim made of aluminium extrusion, These panels are supported on legs with levellers The 22.8 mm panel should be comprises of – 2 nos. of vertical extrusion made of aluminium. Horizontal extrusion made of aluminium at every division of tile/block. The numbers of these horizontal extrusions may vary as per panel height Blocks made out particle board with various finishes. Number of these blocks vary as per panel height. 1no of top trim made of aluminium extrusion, 1no of end trim made of aluminium extrusion ,1 no of end trim cap made of aluminium die cast, These panels are supported on legs with levellers. These panels have restricted finish and no cable management facilities. Bottom frame integrated with uprights to form the understructure for the panel. Fabricated bottom frame for 52.4mm panel comprises L-channels, formed plates and steel tube welded together. Coated with epoxy powder coating and available in 300 mm to 1800 mm standard width with a height of 256 mm. The Panel legs should be used for supporting panels at a raised level to have a clean and airy workplace. Single side legs should be used for supporting the work surface on one side only. They should be fabricated by CO2 welded MS Tube with the MS base plate, over which leveler is fitted. They are classified as Single Side Leg for 52.4 mm panel & Single Side Leg for 22.8 mm panel. Coated with epoxy powder coating. Double side legs used for supporting the work surface on both sides. They should be fabricated by CO2 welded MS Tube with the MS base plate, over which leveller is fitted. They are classified as Double Side Leg for 52.4 mm panel & Double Side Leg for 22.8 mm panel. Coated with epoxy powder coating. Verticals and Horizontals work as a spine to the entire panel system. The blocks and metal frame should be held together by verticals at both ends of the panel and horizontals between each block and tile. Horizontal extrusions provide a slot for mounting accessories on the tiles. Top trim and end trim get fixed to the Horizontals and Verticals respectively Coated with epoxy powder coating. Cover Trims should be used to enhance the aesthetic of the system and offer finished looks to the entire system. Top and end trim connects to the Horizontals and Verticals respectively. Top trims and end trims are made of aluminum extrusion having an average wall thickness of 1.2 mm. Coated with epoxy powder coating. The Joinery post should be used for supporting panels to form different layout. Joinery post should be made of aluminium extrusion having an average wall thickness of 1.2 mm. Coated with epoxy powder coating. Die-Cast Caps should be used to cover exposed top edge of Panel at junctions and ends. Die-cast caps are made of aluminium alloy having an average wall thickness of 1.2 mm. Coated with epoxy powder coating. Grouting post should be used for supporting 52.4 mm panels in configurations, where a panel is not connected to the work surface or is a free-standing panel. It is connected to vertical extrusion of the panel and grounded to the floor below with grouting bolts. Grouting post is made of MS plate with the base plate of 5 mm thick. Coated with epoxy powder coating. Grouting post available only in a single size for all heights of panels.

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Bottom Tiles for 52.4 mm thick panel should be press-fitted on to the assembly frame of the panel with the help of snap-on clips made of nylon-66 and support clips made from PP copolymer. These tiles should be of Plain metal finish. Plain Metal Tiles are made of 0.6 mm thick M.S. CRCA Grade D as per IS: 513 and powder coated with Epoxy- Polyester finish.

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<tr><td>1.10</td><td>Storage Units Model 4</td><td>Dimension: 800mm width
Floor-to-ceiling vertical wall space optimally with overhead storage unit. Shelved cabinets made up of main and add-on units ensure use of full width of available wall-to-wall horizontal space. Widths ranging from 40.0cm to 100.0cm allow the flexibility to use small as well as large spaces optimally. Design ensures that it takes care of active, anticipated and archival storage needs. Option of wood or metal door to match your interiors. Label holders can be put up for easy access and retrieval of files. Storage flexibility achieved through use of adjustable shelves.</td></tr>
<tr><td>1.11</td><td>Table for printer & xerox -</td><td>Table for printer & xerox –
<table><tr><th>Unit Width</th><th>Unit Depth</th></tr><tr><td>1200</td><td>600</td></tr></table>
Overall size: 1200 mm (W) x 600 mm (D) x 728 mm (H)

d) Top : Worksurface - 18mm thk. Pre Laminated Particle Board (PLB) All work surface edges are duly sealed with 2mm thick PVC Edgebanding

b) Understructure : Modesty Panel - 18mm thk. Pre Laminated Particle Board (PLB) All work surface edges are duly sealed with 2mm thick PVC Edgebanding.
Rectangular Frame - Fabricated component in 1.2mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester)
Leg - Fabricated component in 38mmx25mmx1.2mm thick MS ERW Tube (IS:7138), Finish: Powder coat (Epoxy polyester).

CPU Modesty - 0.8mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester)</td></tr>
</table>

		Plastic Cap for Cable travel - Injection Moulded Polypropylene Leveler glide for Leg - Nylon 6 & MS Bolt c) Storage - Pedestal : Shell - 0.6mm thick CRCA (IS:513) , Finish: Powder coat (Epoxy polyester) Drawer Tray - 0.6mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester) Drawer Front - 0.8mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester) Frame Assembly - 1.2mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester) Lock - 10 Lever Cam Lock. Handle - Injection Moulded Polypropylene. Leveller - Nylon6 & MS Bolt d) Wire-Management : Horizontal Wire Carrier - 0.7mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester) Vertical Wire Carrier - 0.8mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester)

<table>
<tr><td colspan="3">F. THIRD FLOOR RIGHT WING</td></tr>
<tr><td>1.</td><td colspan="2">INCUBATION</td></tr>
<tr><td>SLNO</td><td>ITEM WITH MODEL</td><td>SPECIFICATION</td></tr>
<tr><td>1.1</td><td>Office Table along with back unit and storage unit Model 2</td><td>
<table>
<tr><td></td><td>Middle Desk</td><td>Middle ERU</td></tr>
<tr><td>Top Thickness</td><td>18</td><td>18</td></tr>
<tr><td>Top Dimension</td><td>1650*700</td><td>1000*450</td></tr>
<tr><td>Under structure Height</td><td>725</td><td>725</td></tr>
<tr><td>Overall Hieght</td><td>743</td><td>743</td></tr>
</table>
A) Understructure:
• The understructure is in prelam panels, made with PLT boards.
• 2-Drawer and 3-Drawer storage units with different combinations to support Tops, made with 18mm PLT boards of different colours.
• Modesty and back panels, made with 18mm PLT boards.

B) PLT Board Tops (Straight Edges) for Executive desk and side unit:
• Tops for Junior1, Junior2, and Middle desk with ERU are of 18mm thickness.
• Made of 18mm thick PLT board with 2mm PVC lipping
• Wenge and Savannah Maple PLT board used for making Tops.
</td></tr>
<tr><td>1.2</td><td>Revolving chair Model 1</td><td>Revolving Chair with Head Rest</td></tr>
</table>

		Seat Assembly: The seat should have made up of 1.4±0.1 cm thick hot-pressed plywood upholstered with fabric and moulded polyurethane foam. It has to be a seat depth adjustment of 5.0±0.3 cm integrated into the seat through a sliding mechanism. • Seta size**:** 50.0 cm (W) X 49.0 cm (H) **Back Assembly:** The back has to be injection moulded in Glass-filled Polyamide which is upholstered with Mesh fabric. The back consists of adjustable Lumbar support made of injection moulded Polypropylene having an adjustment of 6.0±0.1 cm. • **Back Size:** 50.0 cm (W) X 68.0 cm (H) **Polyurethane Foam:** The polyurethane foam for the seat should have density = 55 ± 5 kg/m3. **Adjustable Armrests:** The height-adjustable armrest must be made of Polyamide structure and Polypropylene housing with moulded PU arm top shall have an adjusted of 7.0±0.3cm. **Mechanism:** The mechanism must be designed with the following features: • 360-degree revolving type. • Center tilt syncro. • 3 position (including upright lock) giving the option of variable tilt angle to the chair with an anti-shock feature. **Headrest:** The headrest must be injection moulded in Glass Filled Polypropylene which is upholstered with foam and fabric. It shall have an adjustment of 6.0±0.1 cm & its assembled over the Full back chair. Pneumatic Height Adjustment: The pneumatic height adjustment should be chrome plated with an adjustment stroke of 9.0±0.3 cm. **Pedestal Assembly:** The pedestal has to be injection moulded polyamide and fitted with 5 nos twin wheel castors. The pedestal is 66.0 ± 0.5 cm P.C.D. **Twin Wheel Castors:** The twin wheel castors should be be injection moulded in black Glass-filled polyamide having 6.0±0.1 cm wheel Diameter.
1.3	Visitor Chair **Model 1**	**Visitor Chair** **Seat Assembly:** The seat should have made up of 1.4±0.1 cm thick hot-pressed plywood upholstered with fabric and moulded polyurethane foam. It has to be a seat depth adjustment of 5.0±0.3 cm integrated into the seat through a sliding mechanism. • Seta size: 50.0 cm (W) X 49.0 cm (H) **Back Assembly:** The back must be injection moulded in Glass-filled Polyamide which is upholstered with Mesh fabric. The back should consist of adjustable Lumbar support made of injection moulded Polypropylene having an adjustment of 6.0±0.1 cm. • Back Size: 50.0 cm (W) X 68.0 cm (H) **Polyurethane Foam:** The polyurethane foam for the seat should have density = 55 ± 5 kg/m3. **Adjustable Armrests:** The height-adjustable armrest should be made of Polyamide structure and Polypropylene housing with moulded PU arm top having an adjusted of 7.0±0.3cm. **Sled Base Frame:** The powder-coated welded tubular frame should be made of dia. 2.8±0.03 cm X0.2±0.02 cm thick M.S. Round tube. The frame is fitted with plastic caps made pf injection moulded glass-filled Polypropylene.

Terms and Conditions:

1. Price quoted should be separately mentioned (Basic Rate & GST). (As per BOQ)
2. Quotations must be valid for 90 days.
3. Delivery at Central Stores of NIPER Guwahati, NIPER Guwahati campus at Changsari.
4. All prices should be F.O.R NIPER Guwahati
5. Payment terms will be 35% payment within 30 days from the date of delivery and 55% payment up on installation and satisfactory certification by the indenter along with the committee and balance 10% will be released after 3 months observation after installation.

Pre-Requisite Qualifications:

1. The bidder should be the Original furniture manufacturer (OFM) or its authorized dealer with not less than 10 crore turnover of past 3 years (supporting documents must enclose).
2. The OFM/ authorized dealer supplying the furniture must strictly adhere to the specification mentioned in the tender.
3. No deviation from the Specification will be entertained.
4. In case the bidder is an OFM, relevant papers like certificate of incoporation, registration certificate, PAN, GST, & balance sheet for last 3 years/ PF/ ESIC documents to be enclosed.
5. In case the bidder is the authorized dealer, formal agreement/ dealer certificate of the bidder with the OFM is to be enclosed. The association of the bidder with the OFM should be of 3 years.
6. The bidder must furnish the details (Name/ address/ ph. No) of their and local representative / service center at NIPER Guwahati to provide quick service to the institute.
7. Bidder must be an ISO 9001/ 14001, 18001, Green Guard, BISMA, 450001, 50001, AIOTA.
8. Preference will be given to the green certified bidder. (Certificate in this regard needs to be enclosed).
9. The bidder should have supplied furniture in reputed educational institutes or Govt. bodies such as IITs and NITs at least 3 similar work with one order of at least 100 lac or two orders of 60 lac or three orders of 50 lac, order copies in this regard is to be furnished.
10. Bidder will display sample of each items after opening of technical bid and before opening of financial bid on suitable date as decided by the institute.
11. The displayed samples should be lifted by the vendor within 28 days post finalization of the tender otherwise NIPER Guwahati will not be responsible for any misplaced sample.
12. Financial Bids of approved samples and technically qualified bidder will be opened only.
13. No freight charges or other expenses shall be paid for logistics of displayed samples.
14. Institute reserves the right to visit the manufacturing facility of the bidder before finalizing the tender.
15. The bidder will arrange for the visit of the committee to their facility.
16. List of machines used in manufacturing of the furniture to be enclosed along with the tests conducted.
17. Product offered must be with 5 years of warranty.
18. Firms/ bidders blacklisted at any stage or by any government body or by NIPER Guwahati need not to apply.
19. The lowest bidder will not be the only criteria for placing the order.
20. The OFM should have a toll free service number applicable for all state which should be in existence for over 3 years so as to ensure timely redressal of any service issues.
21. Bidders should submit sample for their quoted products. Sample for each quote must be sent to the undersigned address. Failing in which the vendor will be disqualified from the tender
22. Supplied items should be covered under transit insurance (wear & tear).
23. Solvency certificate required of Rs. 05 Crore in case of OFM.
24. All disputes are subject to Guwahati jurisdiction.
25. The Bidder should have Annual Business Turnover of minimum 10 Crores for the last two Financial years i.e. 2016-17 & 2017-18. (Must Enclose copy of audited annual accounts).
26. The Bidder should have submitted filed ITR for last two years i.e. A.Y. 2017-18 & A.Y. 2018- 19.(Copy of filed Acknowledgments to be submitted.)

Note: Bidders may be disqualified, if: a) they have made misleading or false representation of facts or deliberately suppressed the information to be provided in the forms, statements and enclosures of this document; b) they have record of poor performance such as abandoning work, not properly completed.

Experience and TechnicalCapacity:

The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s):

a. Equipment / System offered must be of the most recent series/models incorporating the latest improvements in design. The models should be in successful operation for at least one year as on date of Bid Opening.
b. The bidder (OEM/Direct Distributor/Dealer) should have supplied and installed during past 3 years, at least two similar equipments / systems as mentioned in Chapter-4. The Bidder should furnish the information on all past supplies and satisfactory performance during past 3 years in the Performance Statement Form (Chapter-8, Annexure D). Bidders shall invariably furnish documentary evidence (Client's certificate) in support of the satisfactory operation of the equipment /system.
c. Details of Service Centres and information on service support facilities that would be provided after the warranty period (in the Service Support Form- Chapter-8Annexure-F).
d. That adequate and specialized expertise is already available or will be made available following the execution of the contract in the Purchaser's country, to ensure that the support services are responsive and adequate as per ITB1.13.2(c).

CHAPTER 5

Price Schedule Forms

Table of Contents

Note: The bidder may fill in the appropriate Price Schedule Form and enclose with the bidding documents as per Clause 1.10 and 1.18.3 of the bidding documents. i.e. to be enclosed with the technical bid)

PRICE SCHEDULE FOR GOODS BEING OFFERED FROM ABROAD

Name of the Bidder_____ **TENDER No.**_____

1	2	3	4	5	6*		7*		8*		9*		10	11
Sl. No.	Item Descrip-tion	Country of origin	Unit	Quantity	Unit price		Total price (5x6)		Charges for Insurance & transportation to port//place of destination		Total price (7+8)		Indian Agents Commis-sion as a percent of FOB /FCA price included in the Quoted price	Appx. Ship-ment weight and volume
					FOB (named port of ship-ment	FCA (named place of delivery)	FOB (named port of ship-ment	FCA (named place of delivery)	Ocean	Air	CIF	CIP		

Note:

Currency _____ Total Bid price in foreign currency _____

in words

(a) Indian agents name & address _____

(b) Installation, commissioning & training charges, if any _____

(c) Cost of Spares, if any _____

(d) The Indian agent's commission shall be paid in Indian Rupees only based on the Exchange Rate prevailing on the date of negotiation of documents in accordance with clause 22.1 of GCC.

(e) The cost of optional items shall be indicated separately.

Signature of Bidder _____

Name _____

Business Address _____

PRICE SCHEDULE FOR GOODS BEING OFFERED FROM INDIA

Name of the Bidder_____ **Tender No._____**

1	2	3	4	5	6	7	8	9	10	11
Sl. No.	Item Descrip-tion	Country of origin	Unit	Quantity	Ex-Works, Ex-warehouse, Ex-show room off the shelf price (inclusive of all taxes already paid)	Total price Ex-Works, Ex-ware-house, Ex-show room off the shelf price (inclusive of all taxes already paid) 5x6	VAT & other taxes like excise duty payable, if contract is awarded	Packing & forwarding up to station of dispatch, If any	Charges for inland transportation, insurance up to Lab. / Instt.	Installation, commissioning and training charges, if any

Total Bid price in foreign currency _____

in words.

Signature of Bidder _____

Name _____

Business Address _____

Note :

(a) The cost of optional items shall be indicated separately.

(b) Cost of Spares, if any _____

CHAPTER 6

Qualification Requirements

The bidder shall furnish documentary evidence to demonstrate that the bidder satisfies the following bidders' eligibility criteria.

(a) The Bidder should be a manufacturer/authorized representative of a manufacturer who must have designed, manufactured, tested and supplied the equipment(s) similar to the type specified in the "Technical Specification". The MAF must be enclosed with the technical bid. Such equipments must be of the most recent series/models incorporating the latest improvements in design. The models should be in successful operation for at least one year as on date of Bid Opening.

(b) The Indian Agents of foreign manufacturers/ suppliers quoting directly on behalf of their principals for items appearing in the restricted list of the current EXIM policy of the Govt. of India (c) Either the Indian Agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. However, the offer of the Indian Agent should also accompany the authorization letter from their principal. Further, to maintain sanctity of tendering system one Indian agent cannot represent two different foreign principals in one tender.

(d) The Bidder should furnish the information on all past supplies and satisfactory performance in the proforma (Performance Statement Form).

(e) Bidders shall invariably furnish documentary evidence (client's certificate) in support of the satisfactory operation of the equipment.

(f) Details of Service Centres and information on service support facilities that would be provided after the warranty period (in the Service Support Form).

(g) That adequate and specialized expertise is already available or will be made available following the execution of the contract in the Purchaser's country, to ensure that the support services are responsive and adequate as per ITB 13.2(c).

CHAPTER 7

Contract Form

Contract No. _____ Date:_____

THIS CONTRACT AGREEMENT is made

the *[insert: number]* day of *[insert: month], [insert: year]*.

BETWEEN

(1) The National Institute of Pharmaceutical Education and Research working under the department of Pharmaceuticals, Ministry of Chemicals and Fertilizers of the Government of India having its office at New Delhi, India represented by _____*[insert complete name and address of Purchaser* (hereinafter called "the Purchaser"), and

(2) *[insert name of Supplier],* a corporation incorporated under the laws of *[insert: country of Supplier]* and having its principal place of business at *[insert: address of Supplier]* (hereinafter called "the Supplier").

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the

Supplier for the supply of those Goods and Services in the sum of *[insert Contract Price in words and figures, expressed in the Contract currency(ies)]* (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

01. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

02. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract:

(a) This Contract Agreement

(b) Special Conditions of Contract

(c) General Conditions of Contract

(d) Technical Requirements (including Schedule of Requirements and Technical Specifications)

(e) The Supplier's Bid and original Price Schedules

(f) The Purchaser's Notification of Award

(g) *[Add here any other document(s)]*

03. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

04. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

05. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of Union of India on the day, month and year indicated above.

For and on behalf of NIPER Guwahati

Signed: *[insert signature]*

in the capacity of *[insert title or other appropriate designation]*

in the presence of *[insert identification of official witness]*

Signed: *[insert signature]*

in the capacity of *[insert title or other appropriate designation]*

in the presence of *[insert identification of official witness]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]*

in the capacity of *[insert title or other appropriate designation]*

in the presence of *[insert identification of official witness]*

CHAPTER 8

Other Standard Forms

(To be enclosed as indicated below)

Table of Contents

Note : Please refer clause 1.9.1 of the bidding documents for other documents to be attached with the bids/offers.

Bidder Information Form

(a) [The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted. This should be done of the letter head of the firm]

Date: *[insert date (as day, month and year) of Bid Submission*]

Tender No.: *[insert number from Invitation for bids]*

Page 1 of_____ pages

01.	Bidder's Legal Name *[insert Bidder's legal name]*
02.	In case of JV, legal name of each party: *[insert legal name of each party in JV]*
03.	Bidder's actual or intended Country of Registration: *[insert actual or intended Country of Registration]*
04.	Bidder's Year of Registration: *[insert Bidder's year of registration]*
05.	Bidder's Legal Address in Country of Registration: *[insert Bidder's legal address in country of registration]*
06.	Bidder's Authorized Representative Information Name: *[insert Authorized Representative's name]*

	Address: *[insert Authorized Representative's Address]* Telephone/Fax numbers: *[insert Authorized Representative's telephone/fax numbers]* Email Address: *[insert Authorized Representative's email address]*
07.	Attached are copies of original documents of: *[check the box(es) of the attached original documents]* Articles of Incorporation or Registration of firm named in 1, above.

Signature of Bidder _____

Name _____

Business Address _____

MANUFACTURERS' AUTHORIZATION FORM

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer.

Date: *[insert date (as day, month and year) of Bid Submission]*

Tender No.: *[insert number from Invitation For Bids]*

To: *[insert complete name and address of Purchaser]*

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at [insert full address of Manufacturer's factories], do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 21 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of*

Bidder]

Dated on _____ day of _____, _____ *[insert date of*

signing]

BID SECURITY FORM

Whereas _____

(hereinafter called the tenderer")

has submitted their offer dated _____

for the supply of _____

(hereinafter called the tender")

Against the purchaser's tender enquiry No._____

KNOW ALL MEN by these presents that WE _____

of _____ having our registered office at

_____are bound unto _____(hereinafter called the "Purchaser")

In the sum of _____

For which payment will and truly to be made to the said Purchaser, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this _____day of _____20_____.

THE CONDITIONS OF THIS OBLIGATION ARE:

(1) If the tenderer withdraws or amends or modifies or impairs or derogates from the Tender in any respect within the period of validity of this tender.

(2) If the tenderer having been notified of the acceptance of his tender by the Purchaser during the period of its validity:-

(3) If the tenderer fails to furnish the Performance Security for the due Performance of the contract.

(4) Fails or refuses to accept/execute the contract.

WE undertake to pay the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it owing to the occurrence of one or both the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including 45 days after the period of tender validity and any demand in respect thereof should reach the Bank not later than the above date.

_____

(Signature of the authorized officer of the Bank)

Name and designation of the officer

Seal, name & address of the Bank and address of the Branch

Note: Whenever the bidder chooses to submit the Bid Security in the form of Bank Guarantee, then he should advise the banker issuing the Bank Guarantee to immediately send by Registered Post (A.D.) an unstamped duplicate copy of the Guarantee directly to the Purchaser with a covering letter to compare with the original BG for the correctness, genuineness, etc.

PERFORMANCE STATEMENT FORM

(For a period of last 3 years)

Name of the Firm…….

Order Placed by (full address of Purcha-ser)	Order No. and date	Descrip-tion and quantity of ordered equip-ment	Value of order	Date of comple-tion of deliver as per contract	Date of actual completion of delivery	Remarks indicating reasons for late delivery, if any	Has the equipment been installed satisfactory? (Attach a certificate from the purchaser/Co nsignee)	Contact person along with Telephone No., FAX No. and e-mail address

Signature and Seal of the manufacturer/Bidder …….

Place :

Date :

DEVIATION STATEMENT FORM

The following are the particulars of deviations from the requirements of the tender specifications:

Sl. No.	Name of Specifications / Parts / Accessories of Tender Enquiry	Specifications of Quote Model / Part / Accessory	Compliance Whether Yes or No	Deviation, if any to be indicated in unambiguous terms (The compliance / Deviation should be supported by relevant Technical Literature)	Technical Justification for the Deviation, if any. If specification is superior / inferior than asked for in the enquiry, it should be clearly brought out in the justification
	Technical deviations **Commercial deviations**				

Signature of Bidder

- ✓ If the bidder offers more than one model, then the Compliance Statement must be enclosed for each and every model separately.
- ✓ The technical and commercial deviations should be indicated separately.
- ✓ If the bidder fails to enclose the compliance statement, his bid is likely to be rejected.

Place:

Date:

Signature and seal of the

Manufacturer/Bidder

NOTE:

1) Where there is no deviation, the statement should be returned duly signed with an endorsement indicating “No Deviations”.

SERVICE SUPPORT DETAIL FORM

Sl. No.	Nature of training Imparted	List of similar type of equipments serviced in the past 3 years	Address, Telephone Nos. , Fax Nos and e-mail address

Signature and Seal of the manufacturer/Bidder…….

Place :

Date :

Bid Form

a) [The Bidder shall fill in this Form in accordance with the instructions indicated No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date: *[insert date (as day, month and year) of Bid Submission]*

Tender No.: *[insert number from Invitation for Bids]*

Invitation for Bid No.: *[insert No of IFB]*

To: *[insert complete name of Purchaser]*

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: *[insert the number and issuing date of each Addenda];*

(b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services *[insert a brief description of the Goods and Related Services];*

(c) The total price of our Bid, excluding any discounts offered in item (d) below, is: *[insert the total bid price in words and figures, indicating the various amounts and the respective currencies];*

(d) The discounts offered and the methodology for their application are:

Discounts. If our bid is accepted, the following discounts shall apply. *[Specify in detail each discount offered and the specific item of the Schedule of Requirements to which it applies.]*

(e) Our bid shall be valid for the period of time specified in ITB Sub-Clause 20.1, from the date fixed for the bid submission deadline in accordance with ITB Sub-Clause 24.1, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(f) If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause 41 and GCC Clause 13 for the due performance of the Contract;

(g) The following commissions, gratuities, or fees have been paid or are to be paid with respect to the bidding process or execution of the Contract: *[insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity]*

Name of Recipient	Address	Reason	Amount
_____	_____		
_____	_____		
_____	_____		

(If none has been paid or is to be paid, indicate "none.")

(k) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.

(l) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Signed: *[insert signature of person whose name and capacity are shown]*

In the capacity of *[insert legal capacity of person signing the Bid Submission Form]*

Name: *[insert complete name of person signing the Bid Submission Form]*

Duly authorized to sign the bid for and on behalf of: *[insert complete name of Bidder]*

Dated on _____ day of _____, _____ *[insert date of signing]*

PERFORMANCE SECURITY FORM

MODEL BANK GUARANTEE FORMAT FOR PERFORMANCE SECURITY

To,

……..

WHEREAS …….

(name and address of the supplier) (hereinafter called "the supplier") has undertaken, in pursuance of contract no. ……. dated …….to supply (description of goods and services) (herein after called "the contract").

AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee by a scheduled commercial bank recognized by you for the sum specified therein as security for compliance with its obligations in accordance with the contract;

AND WHEREAS we have agreed to give the supplier such a bank guarantee;

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of ……. (amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the supplier before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until the ….. day of ……, 20……..

(Signature of the authorized officer of the Bank)

…….

Name and designation of the officer

…….

Seal, name & address of the Bank and address of the Branch

Note: Whenever, the bidder chooses to submit the Performance Security in the form of Bank Guarantee, then he should advise the banker issuing the Bank Guarantee to immediately send by Registered Post (A.D.) an unstamped duplicate copy of the Guarantee directly to the Purchaser with a covering letter to compare with the original BG for the correctness, genuineness, etc.

ACCEPTANCE CERTIFICATE FORM

No. Dated

M/s. _____

_____

_____

Sub: Certificate of commissioning of equipment

---

01. This is to certify that the equipment as detailed below has/have been received in good condition along with all the standard and special accessories (subject to remarks in Para 2). The same has been installed and commissioned.

(a) Contract No. _____ Date_____

(b) Description of the equipment_____

(c) Name of the consignee_____

(d) Scheduled date of delivery of the consignment to the Lab./Instts._____

(e) Actual date of receipt of consignment by the Lab./Instts._____

(f) Scheduled date for completion of installation/commissioning_____

(g) Training Starting Date _____

(h) Training Completion Date _____

(i) Names of People Trained _____

(j) Actual date of completion of installation/commissioning_____

(k) Penalty for late delivery (at Lab./Instts. level)Rs._____

(l) Penalty for late installation (at Lab./Instts. level Rs._____

Details of accessories/items not yet supplied and recoveries to be made on that account:

Sl. No.	**Description**	**Amount to be recovered**

02. The acceptance test has been done to our entire satisfaction. The supplier has fulfilled his contractual obligations satisfactorily

or

The supplier has failed to fulfil his contractual obligations with regard to the following:

(a) ……

(b) ……..….

(c) ……

(d) ……...

The amount of recovery on account of failure of the supplier to meet his contractual obligations is as indicated at Sr. No. 3.

For Supplier	For Purchaser
Signature …..……..	Signature……..
Name ……..	Name……...
Designation ……..	Designation…….
Name of the firm…….	Name of the ……... Lab./Instt.
Date …….……	Date…….

Format of the Integrity Pact

INTEGRITY PACT

Between

National Institute of Pharmaceutical Education and Research (NIPER) Guwahati hereinafter referred to as "The Principal".

And

……herein referred to as "The Bidder/ Contractor."

Preamble

The Principal intends to award, under laid down organizational procedures, contract/s for ……The Principal values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/ transparency in its relations with its Bidder(s) and/or Contractor(s).

In order to achieve these goals, the Principal will appoint an Independent External Monitor (IEM), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section 1 – Commitments of the Principal

(1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:

(a) No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.

(b) The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.

(c) The Principal will exclude from the process all known prejudiced persons.

(2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act, or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary action.

Section 2 – Commitments of the Bidder(s)/Contractor(s)

(1) The Bidder(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

(a) The Bidder(s)/Contractor(s) will not, directly or through any other Person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.

(b) The Bidder(s)/Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal.This applies in particular to prices, specifications, Certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

(c) The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act; further the Bidder(s)/Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

(d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly the Bidder(s)//Contractors(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. Further details as mentioned in the "Guidelines on Indian Agents of Foreign Suppliers" shall be disclosed by the Bidder(s)/Contractor(s). Further, as mentioned in the Guidelines all the payments made to the Indian agent/representative have to be in Indian Rupees only. Copy of the "Guidelines on Indian Agents of Foreign Suppliers" is annexed and marked as Annexure.

(e) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

(2) The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3 – Disqualification from tender process and exclusion from future Contracts

If the Bidder(s)/Contractor(s), before award or during execution has committed a transgression through a violation of Section 2, above or in any other form such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/Contractor(s) from the tender process or take action as per the procedure mentioned in the "Guidelines on Banning of business dealings". Copy of the "Guidelines on Banning of business dealings" is annexed and marked as Annex -"B".

Section 4 – Compensation for Damages

(1) If the Principal has disqualified the Bidder(s) from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/ Bid Security.

(2) If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages of the contract value or the amount equivalent to Performance Bank Guarantee.

Section 5 – Previous transgression

(1) The Bidder declares that no previous transgressions occurred in the last 3 Years with any other Company in any country conforming to the anti-corruption approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.

(2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or action can be taken as per the procedure mentioned in "Guidelines on Banning of business dealings."

Section 6 – Equal treatment of all Bidders / Contractors/ Sub-contractors

(1) The Bidder(s)/Contractor(s) undertake(s) to demand from all Subcontractors a commitment in conformity with this Integrity Pact, and to submit it to the Principal before contract signing.

(2) The Principal will enter into agreements with identical conditions as this one with all Bidders, Contractors and Subcontractors.

(3) The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Section 7 – Criminal charges against violating Bidders / Contractors/ Subcontractors

(1) The Principal appoints competent and credible Independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.

(2) The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the Director, NIPER Guwahati.

(3) The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The

Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder(s) / Contractor(s) / Subcontractor(s) with confidentiality.

(4) The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.

(5) As soon as the Monitor notice, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.

(6) The Monitor will submit a written report to the Director, NIPER Guwahati within 8 to 10 weeks from the date of reference or intimation to him by the Principal and should the occasion arise, submit proposals for correcting problematic situations.

(7) Monitor shall be entitled to compensation on the same terms as being extended to/provided to Director, NIPER Guwahati.

(8) The word 'Monitor' would include both singular and plural.

Section 9 – Pact Duration

This Pact begins when both parties have legally singed it. It expires for the Contractor 10 months after the last payment under the contract, and for all other Bidders 6 months after the contract has been awarded.

If any claim is made/lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/determined by Director, NIPER Guwahati.

Section 10 – Other provisions

(1) This agreement is subject to Indian Law. Place of performance and Jurisdiction is the Registered Office of the Principal, i.e. New Delhi

(2) Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.

(3) If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.

(4) Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

_____ _____

(For & On behalf of the Principal) (For & On behalf of Bidder/Contractor)

(Office Seal) (Office Seal)

Place……

..

Date……..

Witness 1:

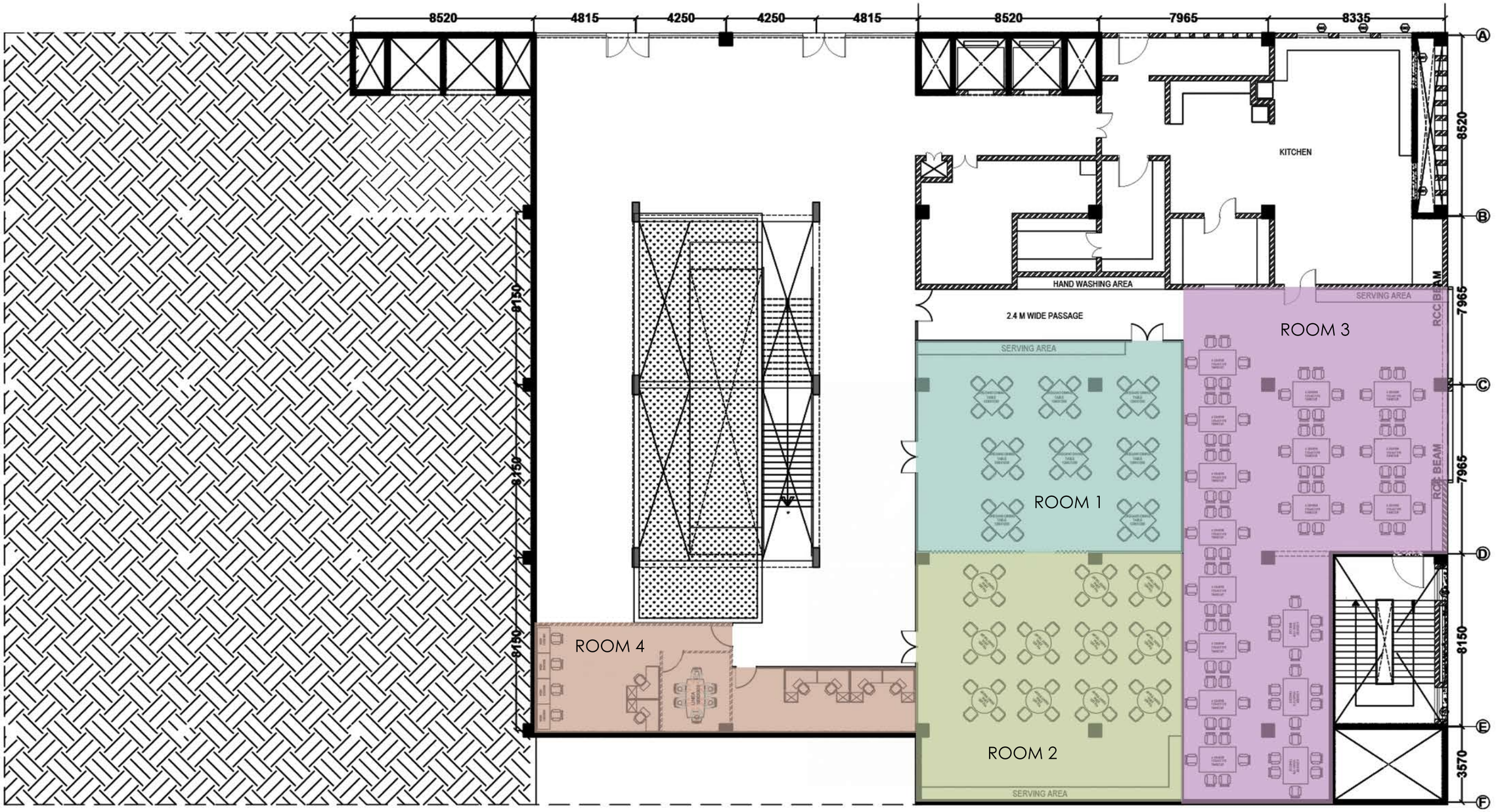
(Name & Address): _____

_____

_____

Witness 2:

(Name & Address): _____



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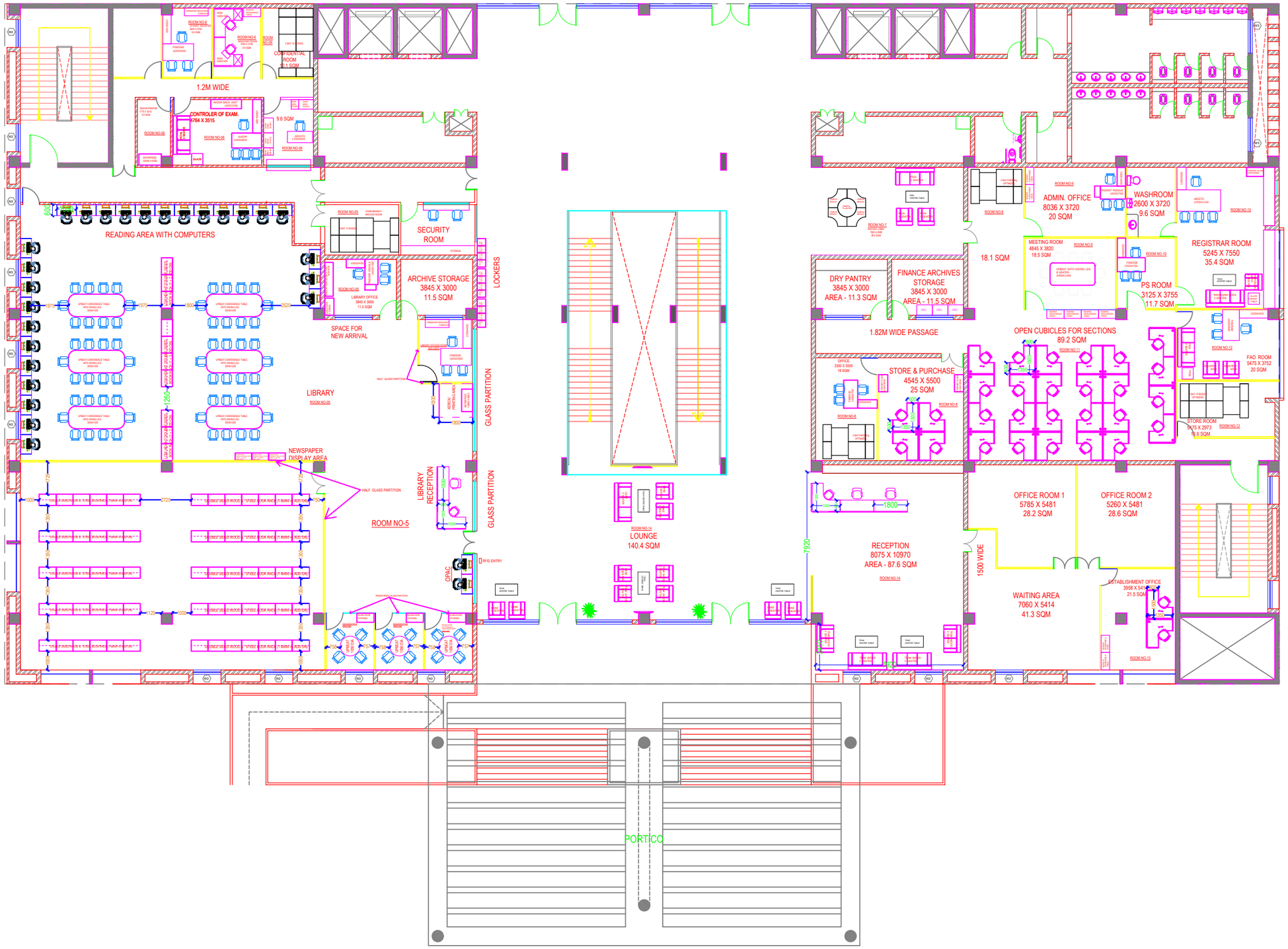
- ROOM 2 - 143.6 SQM
- ROOM 3 - 231.7 SQM
- ROOM 4 - 71.9 SQM

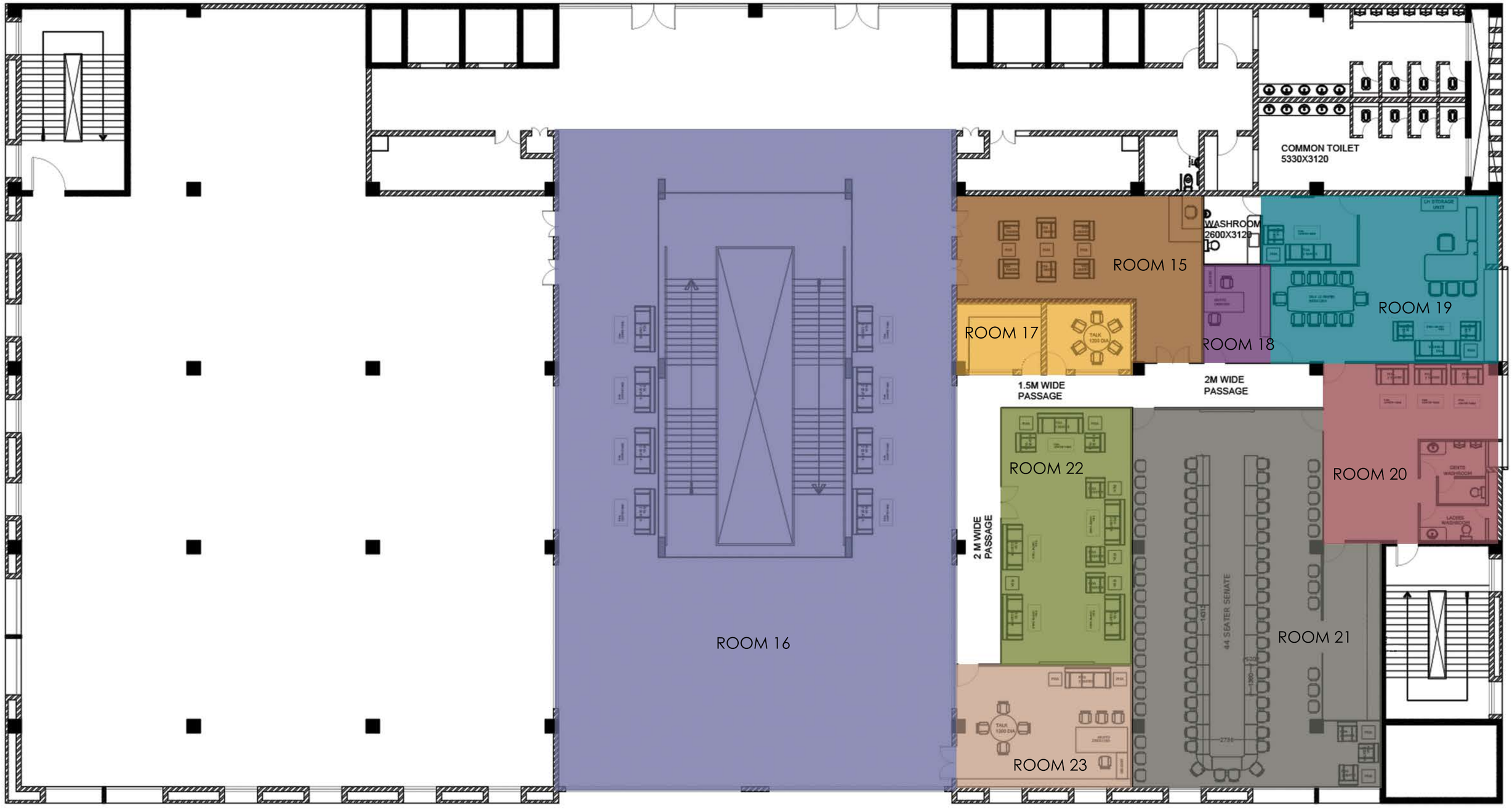


DESCRIPTION/BY	DATE

PROJECT:

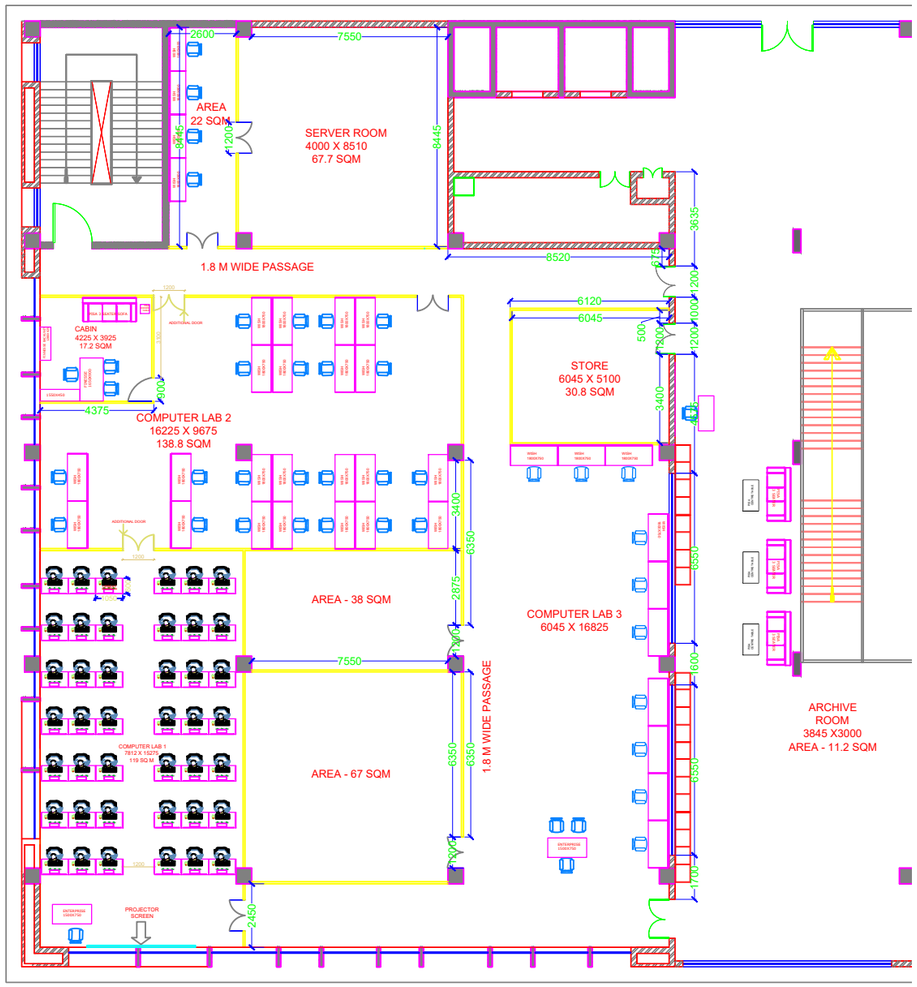
H-BLOCK,NIPER INSTITUTE,GUWAHATI
FIRST FLOOR,
DIMENSION LAYOUT

SCALE DATE



LEGENDS :

- ROOM 15 - 61 SQM
- ROOM 16 - 534 SQM
- ROOM 17 - 23.6 SQM
- ROOM 18 - 13.4 SQM
- ROOM 19 - 80 SQM
- ROOM 20 - 64.6 SQM
- ROOM 21 - 176.4 SQM
- ROOM 22 - 68.8 SQM
- ROOM 23 - 534.4 SQM



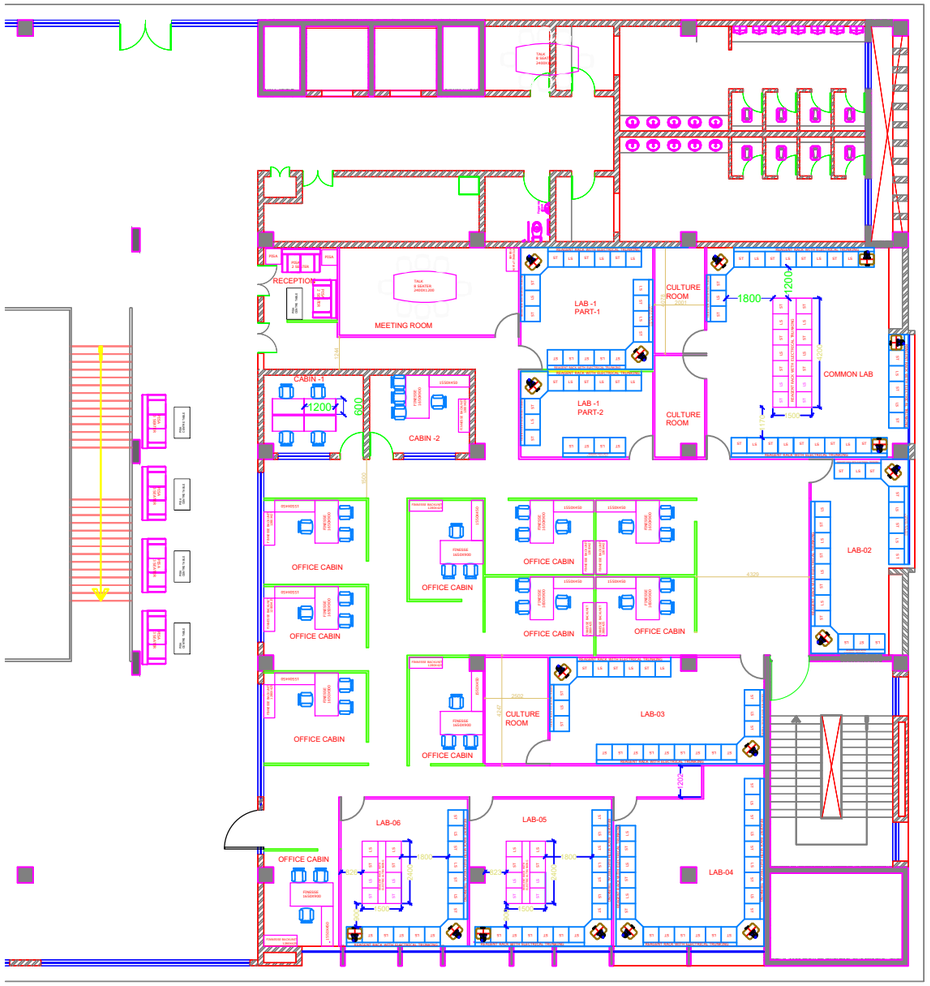
DESCRIPTION/BY	DATE

PROJECT:

H-BLOCK,NIPER
INSTITUTE,GUWAHATI
THIRD FLOOR,
DIMENSION LAYOUT

SCALE	DATE
N.T.S	
SIGNED BY	DATE

INCUBATION CENTRE (THIRD FLOOR)



DESCRIPTION/BY	DATE

PROJECT:

H-BLOCK,NIPER
INSTITUTE,GUWAHATI
THIRD FLOOR,
DIMENSION LAYOUT