

Additional Terms & Conditions with Specifications

Name of Work: Supplying and Installing of furniture and allied items for IIMC Dhenkanal.

1. Objective

The basic objective of this furniture procurement tender is to provide Factory-made Customized Furniture at specified locations in **Supplying and Installing of furniture and allied items for IIMC Dhenkanal.**

2. Scope of Work

1. The scope of work includes the design, manufacture, supply and installation of various factory-made customized furniture items as specified in the bid document.
2. The entire scope of the work shall be considered as single entity and the order will not be split.
3. The firm must quote for complete scope of work. Offers not covering complete scope of work will not be accepted and such firm proposals will be duly rejected.
4. The above work/installation must be done at site premises i.e. **Supplying and Installing of furniture and allied items for IIMC Dhenkanal.**
5. Buyer reserves the right to increase / decrease the order quantities by upto 100% for all or any of the items mentioned in the tender. The seller shall supply the increased quantity at their quoted rates only.
6. Buyer reserves the right to delete any item of the order based on the requirement. The vendor will not have any claim whatsoever on account of deletion of item by the Engineer in charge/Buyer. The work has to be executed as per final decision of the buyer.
7. Firms are advised to visit the site and survey to get acquainted with the actual layout of the site and quantum of work before quoting.
8. Bidder must quote for all items in the bid.
9. The work is required to be completed within timelines specified in the bid document after the placement of the order.

A. Design and Manufacturing:

1. The bidder should have a competent design team capable of creating furniture designs that are visually appealing, functional, and aligned with the organization's requirements.
2. The manufacturing process should involve skilled craftsmen and modern techniques to ensure high-quality furniture items.
3. The bidder should provide details about their design and manufacturing capabilities, including samples for the present work and/or relevant details of previous work.
4. The bidder is responsible for designing and manufacturing various furniture items as specified in the tender document.
5. The design should be aesthetically pleasing, ergonomic, and suitable for the intended use in our organization.

B. Quality and Materials:

1. The bidder should emphasize the use of premium quality materials that meet standards and ensure durability.

2. The materials should be sourced responsibly, with consideration for sustainability and environmental impact.
3. The bidder should provide information about the specific materials they intend to use for different furniture items and highlight their quality standards and certifications.

C. Customization and Variations:

1. The bidder should be flexible and capable of accommodating customization requests from the organization.
2. They should provide options for modifications to meet specific needs, such as adjustable features, additional storage options, or tailored dimensions.
3. The bidder should be able to provide options for different sizes, shapes, finishes, colors, or additional features without any additional cost within the specification for each item provided in the bid document, if necessary.
4. It is recommended to the bidder that they should quote their rates only after physical inspection of site.
5. All arrangements for making the furniture functional along with provision of necessary raceways/openings/ partitions/ fitting and fixtures etc. as required for making the furniture functional with the intended utility after connecting the existing wires/cables shall have to be made by the bidder. The bidder shall have to provide necessary support and cooperation to the main contractor who is executing main work so that final connectivity of existing cables through the furniture till the termination point/ final utility point as per requirement may be ascertained. Nothing extra shall be paid on this account and the bidder shall include the cost of all the connected items required for this purpose except for the cost of necessary cables, wires, sockets and switches under this work in their quoted amount.

D. Supply and Installation:

1. The bidder should ensure a smooth supply chain process, including proper packaging and safe transportation of furniture items to the specified location.
2. They should have experience in handling furniture installation and assembly, ensuring that the items are correctly set up and ready for use.
3. The bidder should strictly follow the delivery timeline.
4. The bidder should handle packaging, transportation, and any necessary assembly or installation of the furniture items.
5. The supply of materials connected to this work is to be managed completely by the bidder at their own arrangement including necessary loading, unloading, transportation, safety, storage arrangements except for storage space on as is where is basis shall be made available to the bidder at site. The space management as well as material management shall be responsibility of the bidder. Bidder shall however be responsible not to create any hindrance to other agencies who are executing work in the same premises.
6. Proper care should be taken during transportation and installation to ensure the furniture items are delivered without any damage

E. Warranty and After-Sales Service:

1. The bidder should provide **Five years warranty period from the OEM (Original Equipment Manufacturer) directly** for the furniture items, covering any defects in materials or workmanship.
2. The bidder is required to upload the details of after sales service like procedures for reporting issues, response times, and how they will handle repairs, replacements, or maintenance, the chain of command to be followed by the user. All these details are to be given on the OEM's letterhead.
3. The OEM/bidder should complete the process of rectification of complaint from lodging of complaint to its successful resolution within 7 days for minor complaints and within 20 days for all other complaints from the receipt of written complaint from competent authority. The complaints which do not require replacement of parts such as top, legs, sides, front boards, laminates, and similar materials shall be considered as minor complaints. The rectification of such minor complaints may require use/replacement of various types of fixing and fitting accessories. The decision of Engineer-in-charge for defining a minor or other type of complaint shall be final and binding on the bidder.
4. Timely Servicing/rectification of defects during warranty period; After having been notified of the defects/service requirement during warranty period, Seller has to complete the required Service/Rectification within 10 days' time. If the Seller fails to complete service/rectification with defined time limit, a penalty of **0.5%** of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service/rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to reimburse the cost of such service/rectification to the Buyer.
5. The OEM shall provide the service support certification for each of their product for the minimum period of 8 years after expiry of the warranty period. This service shall be on chargeable basis. Producing the above service support certification from the concerned OEM on their respective letter head duly signed by their authorized signatories shall be one of the conditions before release of ePBG after completion of desired period after successful completion of work and satisfactory services.

F. Compliance and Safety:

1. The bidder should adhere to relevant safety standards and regulations governing furniture manufacturing and use.
2. They should provide documentation or certifications demonstrating compliance with safety requirements.
3. The bidder should ensure that the furniture items are free from hazardous substances, such as toxic chemicals or allergens, to promote a safe and healthy environment.
4. The furniture items should comply with all relevant safety standards, regulations, codes and specification mentioned in the Additional Terms and Conditions.

5. The bidder should provide necessary certifications or documentation to demonstrate compliance with safety requirements.
6. It is essential to ensure that the furniture items are free from any hazardous substances or materials.
- 3. Evaluation of Technical Bid:** - To qualify in the Technical Bid, the Firm/ Bidder shall satisfy the criteria as mentioned below failing which the bid of the tenderer is liable to be rejected.

LIST OF MANDATORY DOCUMENTS TO BE UPLOADED (WITHOUT WHICH TECHNICAL BID SHALL BE CANCELLED):-

All the documents mentioned below shall become as the conditions and part of contract.

a) For All bidders:-

- i. The proposed OEM(s) are required to have a **registered office in India** for a period of not less than five years prior to the last date of uploading the bid. The bidder is required to upload the proof of compliance.

The OEM should have had an average **Annual Financial Turn Over** (Gross) of at least **Rs. 18,90,782 (Rupees Eighteen Lakhs Ninety Thousand Seven Hundred Eighty Two Only)** during the immediate last three consecutive financial years ending March 2025 (i.e. FY 2022-23, FY 2023-24 and FY 2024-25) as per returns filed with Income Tax Department. In case of association with multiple OEMs, the requirement of annual financial turnover shall have to be met by each OEM.

The financial turnover certificate shall be duly signed and issued by the certified Chartered Accountant on their letterhead and the same will be verified by Engineer in charge using UDIN website. Year in which no turnover is shown would also be considered for working out the average.

The OEM should not have incurred any loss (**profit after tax should be positive**) in more than two years during the available last three consecutive Financial years ending March 2025 (i.e. FY 2023-24 FY 2023-24 and 2024-25) duly audited and certified by the Chartered Accountant on their letterhead. In case of multiple OEMs, this criterion shall be met by each OEM. Balance sheets duly certified and audited by the Chartered Accountant to be uploaded. The balance sheet in case of private / Public Limited Company means it's stand-alone Finance Statement and consolidated financial statement both.

- ii. **Earnest Money:-** Bidders are required to submit an Earnest Money Deposit of **Rs. 1,26,052/-** as a security deposit. The EMD can be submitted in the form of Treasury Challan, Demand Draft, Pay order, Banker's Cheque, Deposit at Call Receipt, or Fixed Deposit Receipt of any Scheduled Bank in favor of the **Executive Engineer, BCD-III, CPWD, Bhubaneswar**.

The EMD can be submitted in any of the CPWD Division along the proforma of EMD receipt as attached in Annexure Y at page 20 in this bid document. Scanned copy of EMD and proforma of EMD receipt shall be uploaded by the bidder.

or

Bidders seeking exemption from EMD must provide valid supporting documents as per the relevant category specified in the GeM (Government e-Marketplace) General Terms and Conditions (GTC) along with their bid.

Only manufacturers for goods and service providers for services under the MSE (Micro and Small Enterprises) category are eligible for exemption from EMD. Traders/dealers are excluded from the purview of this policy as per GeM.

iii. Copy of PAN Card

iv. Valid GST Registration Certificate.

v. Certificate for undertaking of Warranty upto 5 years from date of completion of work stating: -

“The furniture shall have 5 Years warranty against all manufacturing defects at consignee location from date of completion of work directly by Manufacturer. All the manufacturing defects shall be rectified at consignee location free of cost upto warranty period of 5 years. Period for same shall start from the completion of work. Any complaint/defect must be attended within 48 hours during the warranty period, failing which penalty @ INR 1,000/-day will be deducted from the Performance Bank Guarantee (PBG)” Above undertaking to be uploaded with the Technical bid, however successful bidder after award of work, shall submit warranty certificate through Manufacturer for all furniture supplied for 5 years on Non-Judicial Stamp paper of Rs100/-.

vi. Compliance of BOQ specification.

vii. Acceptance of all tender terms and conditions.

viii. Bidder Information Form (format attached)

ix. EXPERIENCE CRITERIA:

The bidder or the proposed OEM should have satisfactorily completed the similar work of amount as mentioned below during the last 3 (three) years ending last day of month previous to the last day of submission of bid are invited in any Central government / State Government Organization/Institution. (Duly supported by the completion certificate by the client).

The value of completed works shall be brought to current costing level by enhancing at a simple rate of 7% per annum.

Similar work means: Supply & installation of furniture manufactured by OEM
and the furniture should include variety of furniture items like office, classroom, hostels, seminar halls etc in Central government / State Government Organization/ Institution.

One single similar works amounting not less than **Rs. 50,42,084 /-**

(or)

Two similar works amounting not less than **Rs. 37,81,563 /-**

(or)

Three similar works amounting not less than **Rs. 25,21,042 /-**

In case of association with multiple OEM's, the criteria given below should be qualified by each OEM.

One single similar works amounting not less than 80% of value of that components/items

(or)

Two similar works amounting not less than **60% of value of that components/items**

(or)

Three similar works amounting not less than **40% of value of that components/items**

The bidder is required to provide the Tender Specific **Manufacture Authorization form(s) (MAF)** on OEM(s) letter head in order to participate in the bid. This form(s) serves as an authorization from the manufacturer(s) allowing the bidder to represent their products or services in the bidding process. In case of multiple OEMs, the MAF shall be submitted by each OEM on their letter head.

x. CERTIFICATION:

The bidder can associate with a single/multiple OEM. Each OEM need to satisfy all the 3 certification criteria (I) to (III) mentioned below. The award of work to the successful bidder, the products offered shall be from the same set of the OEMs and shall satisfy the specifications, design and finish given in the bid.

These certifications are mandatory for the bid to be considered eligible. Bidders must provide the relevant documentation and evidence of compliance with the specified certifications as part of their bid submission. Failure to meet these requirements may result in the bid being disqualified.

xi. Furniture Industry and Standards Certification: (Should comply at least 1 out of 2 given below. i.e. either 'a' or 'b')

- a. **BIFMA Compliance:** This confirms that specific furniture products meet industry standards for quality, durability, and safety. At least Three Furniture item of the OEM shall be certified as BIFMA compliant. Relevant document in the form of official certificate/ official link/screenshot of the product listed on website www.bifma.org showing this compliance is to be uploaded by bidder.
- b. **Indian Design Mark** compliant issued by Indian Design Council - Design Excellence Certification: India Design Mark signifies excellence in form, function, quality, safety, sustainability, and innovation and communicates that the product is usable, durable, aesthetically appealing, and socially responsible. At least Three Furniture item of the OEM shall be certified as Indian Design Mark compliant. Relevant document in the form of official certificate/ official link/screenshot of the product listed on website showing this compliance is to be uploaded by bidder.

xii. Environmental, Sustainability, Durability & safety Certifications: (Should comply at least 3 out of 5 given below)

- a. **FSC Certificate (Forest Stewardship Council):** Responsible Forestry Certification: Ensures the use of wood products from responsibly managed forests.

- b. **Green Pro Certification issued by CII/UL/ IGBC:** Bidders shall submit valid green pro certification from their OEM. The certification should confirm compliance with low chemical emissions standards, ensuring a commitment to indoor air quality.
- c. **GRIHA Certificate:** Bidders shall submit valid GRIHA certification from their OEM. The certification should confirm compliance with sustainable developmental practices in the manufacturing process.
- d. **Indoor Advantage Gold Certification/BIFMA X7.1/M 7.1:** This certification assesses and certifies products for their low volatile organic compound (VOC) emissions, contributing to better indoor air quality.
- e. **BIFMA X 5.1:** General Purpose Office Chairs Tests: This certification involves a series of tests specifically designed to evaluate the strength, durability, and performance of general-purpose office chairs.

xiii. **Quality and Management Certification: (Should comply at least 3 out of 5 given below)**

- a. **ISO 9001:2015** Quality Standards QMS Certified (Quality Management System)- for Manufacture and supply of genuine leather upholstery issued by NABCB Approved Agencies.
- b. **ISO 45001:2018** OHSMS Certified (Occupational Health and Safety Management System) Manufacturing and supply of office furniture issued by NABCB Approved Agencies.
- c. **ISO 14001: 2015** Environmental Management System for Manufacture and supply of genuine leather upholstery issued by NABCB Approved Agencies.
- d. **ISO 50001:2018** (International standard for Energy Management Systems (EnMS), providing a framework for organizations to systematically improve their energy performance, efficiency, and use).
- e. The OEM products should be approved by All India Occupational Therapist Association (**AIOTA**) indicating that the products are designed ergonomically, and Valid certificate should be uploaded along with the bid where ever applicable.

NOTE:

- a. All certifications mentioned above shall be valid as on last date of bid submission.
- b. Bidders should upload copies of the certifications along with their tender documents. Certifications should clearly display the OEM's name, the certification body, and the certification's validity period.
- c. Failure to provide the required certifications shall result into disqualification of the bid.
- d. The Engineer-in-charge reserves the right to independently verify the authenticity and validity of the certificates uploaded.

xiv. FACTORY AND EQUIPMENTS:

- a) The OEM shall have a factory of his own for manufacturing the furniture and the factory shall contain at least 21 out of the following 27 machinery mentioned below.**
The bidder should produce a certificate on the OEM letterhead conforming to the list of machinery possessed by him.

1. Computer Controlled multi station through-feed edge banding machine.
2. Router Machine
3. Power Press Machine
4. Pipe Cutting Machine
5. Hydraulic Brake Press
6. Lazer Sheet Processing Machine / CNC Lazer Cutting Machine
7. Hot Press for Laminate Pressing
8. Post Forming Machine/Edge Banding Machine
9. Sliding Panel Saw Machine
10. Spindle Modular Machine
11. Multi Boring Machine
12. Sliding Panel Saw Machine
13. Multi Boring Machine
14. MIG / TIG Welding
15. Robotic Welding Machine
16. Spot Welding Machine
17. 9 / 10 tank In House Powder Coating Line with baking oven and powder application
18. Automatic Powder Coating Booth
19. CNC Tube/Pipe Bending Machine
20. Welding Machine
21. Facia Folding Machine
22. FTT Drilling Machine
23. HKL 380 angular saw / CNC Beam Saw Machine
24. IMA Edge Banding Machine
25. Mechanical Press 80T / 110T
26. Metal Sheet Cutting Line
27. Iron Folding Line

- b) For Authorized Dealers or Authorized distributors** (in addition to documents specified under (a) for all bidders, following documents are not required for the OEMs):-

- i. Valid Dealership/Distributor certificate from approved make, certificate shall be valid till the last date of receipt of tender, excluding extension if any.
- ii. The Authorized Dealer/Distributor should have an average annual turnover as per bid conditions on Gem portal in each of the **last three (i.e. Financial Year (i.e. FY 2022-23, FY 2023-24 and 2024-25) financial years** and Audited Balance sheet must be submitted along with a statement of account certified by a C.A. (Chartered Accountant). Also, the

profit and loss account statement for the last Three financial year with no loss in least two years of the financial years duly certified by a C.A.

iii. Undertaking of MoU with approved makes stating (Affidavit on Rs. 100/- Non Judicial Stamp paper to be submitted):-

“If I/we are awarded the contract I/we shall procure the furniture from the approved makes and shall submit the MoU with any of the approved makes in the Performa below along with PBG, If I/we fails to submit the same along with PBG, EMD deposited shall be forfeited or action as per EMD Deposit Declaration by the department: -

“Required items under this bid/tender shall be provided by (Approved Manufacturer) to the (Name of successful bidder) as per the nomenclature of item and specification as mentioned in the tender papers/ISI Code within the specified time frame and(Approved Manufacturer) shall provide warranty of Five years against the manufacturing defects and to undertake repair and replacement of the defective parts upto 5 years from the date of completion of the work.”

iv. Undertaking of proof of purchase for all the BoQ items from Approved makes stating: -

“I/we shall furnish a certificate from the manufacturers head office mentioning that the materials have been supplied by them for the particular work along with the GST invoice for the whole quantity supplied under this contract. If any discrepancy is found at any stage department can forfeit my PBG and I shall remove all the rejected material supplied from the site at my own cost with out any financial liability to department and I shall not be entitled for any payment for the furniture supplied and I shall not be allowed for next call of bidding.”

SPECIAL CONDITIONS:

1. The bidder should submit plant and machinery photographs with Geo tagging location in their manufacturing unit which are required for manufacturing the BOQ material. The illustrative list of machinery is given above.
2. In case of association with multiple OEM's, at least one OEM alone shall satisfy the above criteria.
3. **The buyer can increase or decrease the contract quantity or contract duration up to 25 percent at the time of issue of the contract either of single item or combined.**
4. **The dimensional tolerance upto $\pm 5\%$ shall be acceptable subject to approval of the Engineer -in-charge.**
5. The manufacture/ Bidder should have own testing lab set up to perform testing for raw material and finished goods by following test methods. The details of these testing lab machines has to be attached in the tender as mentioned below. The same will be shown during the plant visit if any.
6. Manufacturer/Bidder shall submit the Below Test machine details.
 - a. Flexibility & salt spray test for powder coating.
 - b. Scratch hardness and impact test.
 - a. Impact / Drop test (For Gloss and Matt Finish Both).
 - b. Locking Mechanism (No structural breakage and no loss of serviceability should be observed).
 - c. Door Usage Test (No structural breakage and no loss of serviceability should be observed).
 - d. Dry film thickness test (50 microns minimum).
7. OEM to provide in-house testing certificates for all the products at the time of supply of products. Bidders participating with multi brands products will not be accepted. Only bids with single brand product will be qualified.
8. The bidder should not be under liquidation, court receivership or similar proceedings and should not be bankrupt. Bidder to upload undertaking to this effect, with the bid.
9. If required the bidders will be asked to submit the product sample / mock up at the time of technical evaluation. If required, sample of material will be tested from selected Govt. or other approval Testing Laboratory at the cost of bidder and if it is found that material supplied is sub-standard from the tender specification, then the bidder will be disqualified for further processing.
10. Even though the bidders meet the above qualifying criteria, they are liable to disqualified at any stage of the tender process, if they have:
 - ***made misleading or false representations in the forms, statements and attachments submitted in proof of the qualification requirements; (Authority, in this regard reserves the right to verify from any person, banker of the applicant or companies issuing credentials in favor of the applicant)***

and / or

 - ***If vendor will quote unreasonably high/low bid prices and could not furnish rational justification to the client / Engineer-in-charge inviting these bids.***
11. Bidder's offer is liable to be rejected if they don't upload any of the certificates /documents asked in the Bid Document, in the Mandatory Terms & Conditions and in the Corrigendum, if any.

12. Final acceptance of the firm to execute the project shall be made based on conformity to technical specifications, appropriateness of the products offered, capability of the bidder to execute and service the project and appropriateness of financial offer from the point of view of cost effectiveness.
13. Joint Ventures are not allowed for bidding.
14. Project duration – Product manufacturing, delivery & Installation period – 60 days from the order by the department.
15. Images shown are for illustration purpose only. Any brand or name of the product is not associated to these images.

16. DISCREPANCY BETWEEN THE NOMENCLATURE OF ITEMS, SPECIFICATIONS, AND /OR THE DRAWINGS.

The following specifications are applicable for the work. In case of discrepancy between the nomenclature of items, specifications, and /or the drawings or in case no specifications are specified the following order of preference shall be observed:

- Nomenclature of items including the scope of work as given in Schedule of Quantities of this tender.
- Technical / Particular Specifications, Special Conditions and other provisions of this tender.
- Drawings.
- CPWD Specifications (latest edition) with upto date correction slips issued upto the last date of the month prior to month of submission of tender.
- BIS Codes with latest revisions issued upto the last day of the month prior to month of submission of tender.
- International standards and accepted international practices as approved by Engineer-in-Charge
- Sound Engineering Practice as per directions of the Engineer-in-Charge.
- If there are varying or conflicting provisions made in any document forming part of the contract, the Engineer-in-Charge shall be the deciding authority with regard to the intention/interpretation of the tender and his decision shall be final and binding on the contractor.

17. The contractor shall submit the relevant test certificate at the time of supply of furniture.

18. The successful tenderer would be required to submit the following drawings after award of work for approval before commencement of installation.

- All general arrangement drawings.
- Shop drawing of the complete furniture item including accessories details and installation system to be used with make for approval and manufacturer “specification.
- Complete layout dimensions for every unit/group of units with dimensions required for erection purposes.
- Any other drawing/information not specifically/mentioned above but deemed to be necessary for the job by the contractor.

19. DURING INSPECTION AND TESTING

All Furniture items shall be offered for initial inspection by the engineer-in-charge or officer authorized by him at manufacturer's works in India. The department may or may not inspect the material at its discretion. The contractor will intimate the date of testing of furniture's / equipment's at the manufacturer's works before dispatch. Contractor shall make all arrangements for inspection of material at works. The department reserves the right to get the equipment inspected by third party inspection also. Such inspection shall be of following categories:

- Inspection of materials/ equipment to be witnessed at the manufacturer's premises/ at its authorized works in India, in accordance with relevant BIS/ Agreement Inspection Procedure.
- To receive material at site with manufacturer's Routine & Type Test certificates.
- To inspect material at the authorized dealers godown to ensure delivery of genuine material.
- To receive material after physical inspection at site.
- Adequate care to ensure that only tested and genuine materials of proper quality are used in work shall be ensured by firm. The firm shall ensure that:
- Material will be ordered and delivered at site only with the prior approval of the department. The contractor shall, however, be responsible for timely delivery of material. (a) As and when the order is placed for the items, it shall be endorsed to the engineer-in-charge along with details of Agency, model no. and other delivery details.

20. COMPLIANCE WITH REGULATIONS AND INDIAN STANDARDS

Nothing in this specification shall be construed to relieve the successful tenderer of his responsibility for the design, manufacture and installation of the equipment with all accessories in accordance with currently applicable statutory regulations and safety codes.

- 20.1 **CRCA steel (cold rolled close annealed):-** Grade of CRCA sections to be used should be 'CRI' or 'Commercial quality' as per IS-513: Part 1 (Latest edition).
- 20.2 **Polyester Powder Coating:-** Polyester powder coat finish with min DFT of 60 micron shall be done as per CPWD specification. Shade of powder coating is as approved by Engineer - in - charge.
- 20.3 **Rubber Wood -** Rubber wood should be as per IS 14960 (latest edition). The timber shall be treated as per IS 401 (latest edition) with the specified preservative chemicals. The dry sal retention (DSR) and penetration of the preservative chemicals shall conform to the values corresponding to Hazard class H1 as per IS 14960 (latest edition) when determined in accordance with the methods given in IS 2753 (Part 1) (latest edition). Also, it should be kiln seasoned and with moisture content not more than 15%. Finger jointing process using automated finger jointing machine shall be adopted for jointing the rubber wood.
- 20.4 **Plywood:-** Marine plywood confirming to IS 710 (latest edition) and CPWD specifications shall be used.

20.5 PU Polishing: -

•Surface preparation:

The wood surface shall be cleaned using sand paper (sand paper no: 180 and then 320 or 400) along the grains. The loose particles on the surface shall be cleaned using a cloth.

If the surface has any dents, dents fillers, as per the manufacturer specification shall be applied over the dented areas.

To achieve the colour, if required, wood stains, as per the manufacturer specifications shall be applied and allowed to dry for 30 to 120 minutes.

•Materials:

The PU polish a two-pack system consist of sealer and top coat (matt or glossy). The mixing ratio for the base and hardener (catalyst) is 80:20 for both sealer and top coat. The thinner as per the manufacturer specification shall be used to create the required consistency for spray/brush application.

•Application:

The PU polish a two-pack system consist of sealer and top coat (matt or glossy). The mixing ratio for the base and hardener (catalyst) is 80:20 for both sealer and top coat. The thinner as per the manufacturer specification shall be used to create the required consistency for spray/brush application.

•Sealer coat:

1st coat of the sealer mixed as said above shall be applied over the prepared wood surface and allowed to dry for a period of 8 to 10 hours (for brush application), 5 to 6 hours (for brush application). The surface shall be rubbed with sand paper as per the manufacturer specification and the loose particles on the surface shall be cleaned using a cloth. 2nd coat shall be applied by the following same procedure as that of the first coat. 3rd coat shall be applied, if required by following the same procedure for the 1st coat.

•Top coat:

1st coat of the top coat mixed as said above shall be applied over the prepared wood surface and allowed to dry for a period of 8 to 10 hours (for brush application), 5 to 6 hours (for brush application). The surface shall be rubbed with sand paper as per the manufacturer specification and the loose particles on the surface shall be cleaned using a cloth. 2nd coat shall be applied by the following same procedure as that of the first coat. 3rd coat shall be applied, if required by following the same procedure for the 1st coat. Coverage of the sealer and top coat shall be as per the manufacturer specifications.

- 20.6 **Fasteners:** - *The nuts & bolts should be SS 304/ ELECTO-Galvanized confirming to IS 3655(latest edition). Chemical mechanical properties confirming to IS 1363(Part 1-3), IS 1364(Parts 1-2) (latest edition).*

20.7 **Centre tilt mechanism:** -The centre tilt mechanism shall be such that the chair shall not topple in statics well as moving positions. The chair shall remain stable in any condition.

20.8 *All MDF board used shall confirm to IS 12406:2021.*

20.9 *All laminates should confirm to IS 2046(Pars 1 to8):2025 and bear standard mark.*

20.10 All veneers should confirm to IS14315(1995).

20.11 All plywood should be ISI Marked as per IS303-1989.

20.12 All prelaminated particle board should be as per IS 12823: 2015.

21. Placing at final location the contractor shall examine the final locations for placement of furniture items. He will take the measurement of door widths to pass. The furniture items. If assembled furniture item does not pass through the door then the contractor has either to disassemble the furniture item or to bring the furniture item in deassembled condition from the manufacture's work. The furniture item in this case would be reassembled at final location for placement & nothing extra shall be paid on this account.
22. In the event of prolongation of agreement due to delay or reduction in scope of work, no claim on account of reduction in scope of work, loss of business, loss of profit consequently overheads and any type of interest etc. shall be entertained

Preference to PPP-MII Policy (Make in India):

1. The Government has issued public procurement policy (Preference to Make in India) vide Ministry of Commerce and Industry Development of industrial policy and promotion (PPS) vide order no. P- 45021/2/2017-PP BE-II as amended.
2. The agency shall submit list of makes of materials proposed to be used on the work from local suppliers (as defined in the above order) along with minimum local content as specified below for approval of the department out of the approved makes kept in the tender.
3. The department will be approving only makes of the materials having a minimum local content of 20% for use on this work, out of the preferred makes list.
4. The minimum local content of 20% is considered for the complete item including labor component.
5. The Bidder is required to upload the Minimum local content declaration certificate.

*Bidder should have **Valid GST Number & PAN Number in India**. The bidder is required to upload proof of compliance.*

An undertaking regarding Customization, Installations, adherence to safety standards and all terms and conditions of the bid document is prescribed in Annexure Z at page 23 of

this bid document. This undertaking is to be uploaded by the bidder duly signed by the bidder and associated OEM(s), if any. In case of multiple OEMs, all the associated OEMs are required to give the above-mentioned undertaking.

Warranty and after sales service:

The bidder is required to submit an OEM undertaking stating that all components provided will have a 5-year OEM warranty from the date of issue of the completion certificate. The manufacturer's warranty for the furniture, as well as any accessories, must be provided directly to the customer. In case of multiple OEMs, all the associated OEMs are required to give the above-mentioned undertaking.

Note:

- a. The organization conducting the tender reserves the right to reject or accept any bid, irrespective of meeting the eligibility criteria, based on its discretion and in compliance with the applicable rules and regulations.
- b. Bidders are advised to carefully read and understand the eligibility criteria and ensure compliance with the requirements specified in the Bid document before submission of their bid.
- c. Only those bidders who fulfill the above mentioned technical and financial requirements, will

be considered eligible for opening of their financial bid.

OTHER TERMS AND CONDITIONS

i. Site Visit:

- a. Bidders are advised to visit and assess the site before bidding.
- b. The site visit will provide bidders with a better understanding of the project requirements, room sizes for designing the furniture setup, and the expected quality and style of the furniture to be supplied.
- c. The site visit shall also enable the bidder to understand the requirement of electrical connections to be connected to the furniture and the current status of site.

ii. Bidders are Requested to study the photos and Detailed Specification:

- a. Bidders are advised to thoroughly study the photos and detailed specification of the furniture, which have been uploaded in the bid document.
- b. It is essential for bidders to carefully examine these images and drawings to ensure a comprehensive understanding of the furniture requirements before quoting their rates.

iii. Bids from Joint ventures are not acceptable.

iv. Bidders shall not be under a declaration of ineligibility for corrupt and fraudulent practices.

- v. It is the responsibility of the approved bidder to get the supplied furniture/ items tested for quality assurance conforming to relevant specifications & standards, by the third- party quality control agency / firm, assigned by the Engineer in Charge. The fees towards testing shall be borne by approved bidder.

vi. The bidder is required to submit an OEM undertaking stating that all components provided will have a 5-year OEM warranty from the date of issue of the completion certificate. The manufacturer's warranty for the furniture, as well as any accessories, must be provided directly to the customer.

vii. Even though an applicant may satisfy the above requirements, he would be liable to disqualification if he has made misleading or false representation or deliberately suppressed the information in the forms, statements and enclosures required in the technical bid document.

viii. The lowest bid will be determined based on the technically compliant/acceptable offer with the lowest total cost, including applicable taxes and GST.

ix. The bidder shall also be required to upload all other relevant documents as specified in the GEM Bid Document.

x. The successful bidder should submit required test reports as per product specification as and when demanded by the Engineer-in-charge.

xi. The successful bidder should give required samples at free of cost for testing as per product specifications including its transportation to testing laboratories. The cost of tests shall be borne by the bidder.

xii. The dimensions given in the Annexure 1 of all the furniture items are to be considered carefully by the bidders. A tolerance of plus/minus 5% is permissible in all dimensions mentioned in the specifications including dimensions of understructure, finishing items, laminates, top surfaces, final sizes of furniture items etc.

xiii.

Engineer in charge:	Executive Engineer-Bhubaneswar-III, CPWD, Bhubaneswar
Clause 25	
(i) Conciliator	SDG (Kolkata).
(ii) Arbitrator Appointing Authority	Chief Engineer, CPWD, Bhubaneswar.
(iii) Place of Arbitration	To be decided by Arbitrator in consultation with both the parties.

4. APPROVED MAKE OF MATERIALS:

A List of Approved Brand Names of Various Materials / Products are shown below for usage in execution of Work. However, Approved equivalent material of any other Specialized Companies / Firms may also be used, in case it is established that the Brands Specified below are not available in the market and subject to Approval of the alternate Brand by the Engineer-in -charge.

It must be ensured, in general, that all materials to be used in the works shall bear BIS Certification mark. In cases where for a particular material/product, BIS Certification Mark is not available, then the material proposed to be procured can be used subject to the condition that it should conform to CPWD Specifications and relevant BIS codes. In such cases written approval of the Engineer-in -Charge shall be obtained before use of such material in their works.

The list given below does not absolve the Executing Agency from their responsibility for using these products. It is only after, they are satisfied about the quality and performance, and the products shall be used. To achieve this, proper check on the quality of the product, actually to be used, should be exercised.

Sl. No.	Material Description	Brand/Makes *
1	Plywood (All Grades)/ Blockboard / Flush Shutters / MDF Board	Century Ply / Green Ply/ Archi Ply/ Uni Ply/ Kitply /Action Tesa / Merino Laminates / Durian Industries
2	Particle Boards	Century Ply/ Archid Ply/ Somani/ Duratuff
3	Decorative Laminates	Century Laminate/Merino/ Greenlam Sunmica
4	Glass-Lear / Toughened / Frosted / Mirror	Saint-Gobain / AIS / Gold Plus
5	Acrylic Emulsion Paint / Soft Sheen Enamel / Synthetic Enamel Paint	Asian/ Berger/ Nerolac / Dulux
6	Hi-Gloss Metal Paint	MRF / Berger / Akzonobel
7	Melamine Polish Water Based	MRF / Asian
HARDWARE AND FITTINGS		

8	Patch Fittings (Top Patch, Bottom Patch, Lock)	Dorma / GEZE / Hafele / Hettich / EBCO / Godrej
9	Concealed Tower Bolt	Dorma /GEZE / Hafele / Hettich / Godrej
10	Multi-Purpose Lock	Dorma / GEZE / Hafele / Hettich / Godrej
11	Cabinet Hinge (Auto Closing)	Hafele / Ozone / Doorset / Hettich / Dorma / EBCO / Geze
12	Drawer Slide System (Metabox)	Hafele / Hettich / EBCO
SCREWS		
13	Joinery Works	Kundan / Alloy / GKW/ Nettle fold / Pooja / Atul
14	Hardware, Fittings	SS Star Head Screw as per Manufacturers Specification / Blum / Hettich / Hafele / Godrej / Dorset / Ozone
15	Frosted Film/Antiskid Film / Mirror Tape / Vinyl Graphics	3M
16	Glass Sealant	Dow Corning / GE / 3M / LG
17	Aluminium Sections	Jindal / Hindalco / Bhoruka
18	GI-Sections	Saint-Gobain / Gyproc
19	MS Sections	TATA / JINDAL /JSW /SAIL
20	Ceramic Coated Writing Board - Regular/ Magnetic	Alkon
21	Softboard	Celotex / Chisel / Jolly Board
22	Fabric	Response / Comarade
23	Adhesives For Joinery Works	Pidilite / 3M / Henkel / Kleibert

NOTE: Brands other than mentioned in above approve list can be approved by Chief Engineer based on proposal of Engineer-in-charge.

5. **Furniture Specifications:** Furniture Specifications are Enclosed at Annexure-1.

6. **Timelines for Delivery of Furniture:**

After opening of financial bids, the successful bidder shall adhere to the following time line for supply and approval of sample furniture and main delivery.

a) **Delivery of sample Furniture:**

- i) Submission of detailed design, drawings, make, model, shade, pattern, and material: The successful bidder is required to promptly submit detailed design, drawings, make, shade, pattern, and material for all furniture items within 7 days from award of to the successful bidder. It shall also include comprehensive detailed design, shop drawings and 3D visual representations all furniture and shall obtain the approval of Engineer in charge. In case of requirement, the bidder may be required to give detailed presentation of the scheme.
- ii) Engineer-in-charge reserves right to suggest modifications in the design, drawings and proposal submitted and all such modifications are to be carried out by the bidder, till approval is obtained. **The bidder shall have to obtain approval from the Engineer-in charge, within 10 days from the award of work to the successful bidder.** Nothing extra is payable on account of changes in design and subsequent manufacturing.

- iii) The successful bidder shall have to provide sample furniture at the premises for all the items mentioned in the bid document as per approval received from the Engineer in charge. The sample furniture should be complete in all respects as mentioned in the specifications. **This work of providing sample furniture and getting approval of samples from the Engineer-in-charge/buyer has to be completed within 15 days from award of work.** Since the furniture of hostels and classrooms is priority for the buyer, the samples of these furniture items should be got approved by the bidder as soon as possible. The necessary modifications in the sample furniture provided by the bidder shall have to be incorporated by the bidder within the timeline mentioned above.
- iv) The space for sample furniture shall be provided at **IIMC, Dhenkanal**.
- v) Manufacturing of mass furniture items shall be taken up by the bidder as per approval accorded for the Design, drawings, Make, shade, colour, pattern and sample furniture.

b) Delivery of Furniture items:

- i. The successful bidder shall have to supply and install the furniture approved under sample furniture for **IIMC, Dhenkanal within 60 days from award of work**. The location for placing and fixing these items shall be decided by the Engineer-in- Charge/buyer. Failure to achieve this milestone within the time specified shall attract a compensation for delay @2% of the total accepted bid amount.

The successful bidder must ensure timely sample approvals, production, packaging, transportation, placing in position, fitting, fixing etc. including all other incidental charges and expenses to make the furniture items fully usable within the time specified above to meet this delivery deadline.

c) Delay in delivery over 60 days from award of work:

The successful bidder must ensure to complete the work within the time allotted i.e. 60 days from award of work. The compensation for delays as defined under Clause 6 b) (i) above are for any delay beyond the specified time period of 60 days. This compensation for delay shall remain same if the work is completed in all respects within 60 days from the date of award. In case of delay in completion of work is such that the work is completed beyond 60 days from the date of award, additional compensation for delay @1% per month of such additional delay shall be levied subject to total maximum of 10% of contract amount.

The compensation for delay shall be levied on the bidders for the period of delay found attributable to the bidder.

d) Quoting of Rates and No Escalation:

- i. The bidder must quote their rates as **all-inclusive rate** considering all incidental expenses, taxes, transportation, packing, loading, unloading, and any other incidental charges as may be applicable to complete the work within the delivery timelines mentioned above.
- ii. The quoted rates shall remain firm and fixed for the entire duration of contract without any variation in rates due to market fluctuations, cost increases, or any other factors during the contract period. **The quoted rates shall be fixed without any provision of escalation.**

e) Acceptance of furniture at Delivery:

- i. The department reserve right to accept the furniture only if the items supplied are same as per the samples approved. If the supply is not same as the samples approved or any other defect/shortage is found, the delivery shall not be accepted and in such case, no payment shall be made for the supply. Hence bidder shall be careful before supply and shall ensure supply as per the approved samples to avoid rejection.

7. PAYMENT SCHEDULE:

- a) The payment shall be released to the agency as per actual progress of work based on items executed at site as per BOQ.
- b) It is however mentioned that the agency shall be eligible for release of first payment only after completion of component of work mentioned under Clause 6 (a) above including color selection and approval of sample furniture items.
- c) In case of non-achievement/delay in achieving the delivery timelines, necessary compensation for delay shall be deducted from the bills as mentioned in this bid document under Clause 6.

8. AFTER AWARD OF WORK:

1. Performance Guarantee (PG):

- a) The successful bidder will be required to submit a Performance Guarantee or Bank Guarantee in the form of Treasury Challan, Demand Draft, Pay order, Banker's Cheque, Deposit at Call Receipt, or Fixed Deposit Receipt of any Scheduled Bank in favor of the **Executive Engineer, BCD-II, CPWD, Bhubaneswar** within 7 days from the date of issue of LOA (Letter of Acceptance). The Performance Guarantee is to be submitted physically in the office of Executive Engineer–II, CPWD, Pokhariput, Bhubaneswar, Odisha within the specified time period.
- b) **The Performance Guarantee/Bank Guarantee shall be equivalent to 5% of the accepted tendered value of the contract valid up to 68 months.**
- c) **No Security deposit shall be deducted. The PG shall be retained as Security deposit which shall be released after the satisfactory completion of the work and warranty period of 5 years.**
- d) The Bank Guarantee for PG shall be submitted on the standard Proforma as mentioned on **Annexure Y2** page 21-22 of this bid document.
- e) In case PBG is not submitted within 7 days following action may be taken:
 - i. EMD shall be forfeited and bidder shall not be allowed in participation in recall of said work.
 - ii. For EMD Exempted bidders: - Bidder will be suspended and shall not be eligible to participate in the Tenders invited by CPWD, for a period of **Two years**.
- f) If the successful bidder fails to take up the work or fails to deliver the supply or deliver the supply which is not as per approved samples then Engineer in Charge/buyer, shall issue a show cause notice and if reply found unsatisfactory, shall forfeit the EMD/PG, as deemed fit.
- g) If there is any defect in the quality of work, delay in delivery of furniture items or any other violation of terms and conditions given in this bid document, the Engineer-in-charge may issue a show cause notice and if reply found unsatisfactory, suitable action as deemed fit may

be taken including forfeiture of Performance Guarantee.

2. **Factory Inspection:** The Engineer-in-Charge or his authorized representatives reserve the right to inspect the factory during the manufacturing process. The bidder shall extend full assistance and allow inspection.
3. **Fittings Recess/Cuts:** The bidder shall provide the necessary recess/cut required for housing the fittings on the furniture free of cost. The sizes of the required recess/cut shall be communicated to the bidder upon the approval of the design by the Engineer- in- Charge.

Any items procured by the bidder without obtaining prior approval will be summarily rejected, and their delivery will not be accepted.

These tender conditions outline the necessary steps for the successful execution of the furniture procurement. Compliance with these conditions is mandatory for the bidder, and deviations may lead to consequences including forfeiture of Performance Guarantee.

Time allowed for execution of work: 45 days

RECEIPT OF DEPOSITION OF ORIGINAL EMD

(Receipt No. / date.....)

*The Executive Engineer of all Divisions of CPWD should receive the original EMD
for tender of other division.*

1. **Name of work & Location:** - Supplying and Installing of furniture and allied items for IIMC Dehnkanal.
2. GeM Bid No.:-
3. Estimated Cost : **Rs. 63,02,605/-**
4. Earnest money: **Rs. 1,26,052/-**
5. Last date and time of submission of bid: as mentioned in the bid document

- 1.*Name of Contractor/Bidder:
- 2.*Form of EMD (FDR/Bankers Cheque/BG etc).....
3. *Amount of Earnest Money Deposit
- 4.*Date of submission of EMD

Signature, Name and Designation of EMD

Receiving officer (EE/AE(P)/AE/AAO) along with Officer stamp

1. The Executive Engineer receiving EMD in original form shall examine the EMD deposited by the bidder and shall issue a receipt of deposition of earnest money to the agency in a given format uploaded by tender inviting EE. The receipt may be issued by the AE(P)/AE/AAO.
2. The Executive Engineer receiving original EMD shall also intimate tender inviting Executive Engineer about deposition of EMD by the agency by email/fax/telephonically.
3. The original EMD receiving Executive Engineer shall release the EMD after verification from the Gem portal website that the particular contractor is not L-1 bidder and work is awarded.
4. The bid inviting Executive Engineer will call for original EMD of the L-1 bidder from EMD receiving Executive Engineer immediately.

*to be filled in by EMD receiving EE/AE/AAO

Form of Bank Guarantee for Performance Guarantee

(Guarantee offered by Bank to CPWD in connection with the execution of contracts)

1. Whereas the Executive Engineer (name of division)....., CPWD on behalf of the President of India (hereinafter called “The Government”) has invited bids under(NIT number)..... dated for (name of work)..... The Government has further agreed to accept irrevocable Bank Guarantee for Rs. (Rupees only) valid upto (date)*..... as Earnest Money Deposit from (name and address of contractor) (hereinafter called “the contractor”) for compliance of his obligations in accordance with the terms and conditions of the said NIT.

OR**

2. Whereas the Executive Engineer (name of division)....., CPWD on behalf of the President of India (hereinafter called “The Government”) has entered into an agreement bearing number with(name and address of the contractor)(hereinafter called “the Contractor”) for execution of work (name of work) The Government has further agreed to accept an irrevocable Bank Guarantee for Rs..... (Rupees only) valid upto (date)..... as Performance Guarantee/Security Deposit/Mobilization Advance/Refund of mile stone withheld amount from the said Contractor for compliance of his obligations in accordance with the terms and conditions of the agreement.
3. We, (indicate the name of the bank) (herein after referred to as “the Bank”), hereby undertake to pay to the Government an amount not exceeding Rs. (Rupees.....only) on demand by the Government within 10 days of the demand.
4. We,(indicate the name of the Bank), do here by undertake to pay the amount due and payable under this guarantee without any demur, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said Contractor. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs... Rupees..... only).

5. We, (indicate the name of the Bank), further undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor in any suit or proceeding pending On non-judicial stamp paper of minimum Rs. 100 before any Court or Tribunal, our liability under this Bank Guarantee being absolute and unequivocal. The payment so made by us under this Bank Guarantee shall be a valid discharge of our liability for payment there under and the Contractor shall have no claim against us for making such payment.
6. We, (indicate the name of the Bank), further agree that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation here under to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said Contractor or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said Contractor or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
7. We, (indicate the name of the Bank), further agree that the Government at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor at the first instance without proceeding against the Contractor and notwithstanding any security or other guarantee the Government may have in relation to the Contractor's liabilities. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.
8. We, (Indicate the name of the Bank), undertake not to revoke this guarantee except with the consent of the Government in writing.
9. This Bank Guarantee shall be valid up to..... unless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. (Rupees only) and unless a claim in writing is lodged with us within the date of expiry or extended date of expiry of this guarantee, all our liabilities under this guarantee shall stand discharged.

Date

Witnesses:

1. Signature.....

Authorized signatory
Name and address
Name Designation
Staff code no.

Bank seal

2. Signature
Name and address

UNDERTAKING TO BE UPLOADED BY BIDDER

(Undertaking regarding Customization, Installations, adherence to safety standards and all terms and conditions of the bid document)

I/we hereby undertake the following points:

1. **Customization and variations:** Features such as color, finishing, adjustable features, shapes and sizes shall be customizable as per the user requirement without any additional cost within the specifications for each item provided in the bid document.
2. **Supply and installation:** I/We shall ensure a smooth supply chain process, including proper packaging and safe transportation of furniture items to the specified location within the timelines specified in the contract. Installation shall be done by experienced persons well adept at handling the concerned furniture items and the installed furniture shall be tested before use.
3. **Compliance and safety:** I/We shall adhere to the safety standards and regulations governing manufacture of the furniture items. I/we shall ensure compliance of all safety regulations, codes, and relevant norms during the entire process of the scope of our work in this contract.
4. **That we shall comply to all the terms and conditions of this bid document.**

Signature of Bidder

Signature of Associated OEM (if any)

BIDDER INFORMATION FORM

1. Name & Address of the respondent with contact details (telephone, fax, email)
2. Firm Inception Details:
 - a. Year of establishment.
 - b. Date of commencement of practice.
3. Legal status of the respondent (attached attested copy of Original Documents defining the legal Status)
 - i. An Individual
 - ii. A Proprietary firm.
 - iii. A firm in Partnership.
 - iv. A limited company or Corporation.
 - v. Joint venture.
4. Particulars of Registration with government bodies (attached attested copy of Original Documents)
 - i. organization/place of registration.
 - ii. Registration number.
5. Names and titles of directors/officers involved in the project.
6. Designation of individuals authorized to act for the organization.
7. Information on whether the respondent had to suspend any project for more than six months and reasons.
8. Whether the respondent or a partner abandoned any awarded project and reasons.
9. Whether the respondent or partner has been debarred/blacklisted by any organization.
10. Whether the respondent or partner has been convicted by a court of law.
11. Specialization fields of consultancy and in-house capabilities.
12. Any other information considered necessary.

Signature of Bidder

Special Repair, Retrofitting and Renovation work of Audio & Video Block, Administrative Block & Academic Block, Girls Hostel and roof treatment of Guest House of Indian Institute of Mass Communication (IIMC) Campus, Dhenkanal, Odisha. SH:-Supplying of furniture for Audio & Video Block, Administrative Block in IIMC Campus, Denkanal.

Sl No.	Item Description	Specifications		Qty	Unit
1	Conference table	Table Top: Size-L 9000 X D 2400 X H 750 MM Made of 35 mm HDHMR board hollow table top Understructure: made of 25 mm HDHMR board All edges protected with 2 mm pvc edge banding with hot meltglue Provision of soft close flip top box (total 8 nos.), raceway and riser for wire management		1	each
2	High back chair	Supplying and Placing in Position of the mesh finish high back chair with KTS Mech 4 Position Locking, Soft touch PU Arms, Chrome-Plated Pedestal, Adjustable Backrest. Chair Seat Height - min 47.5 to max 57.5cm Width-60.0 cm and Depth-76.0 cm Min 70 mm thick HR polyurethane foam with a density of $45 \pm 2 \text{ kg/m}^3$ and hardness load of $16 \pm 2 \text{ kgf}$ at 25% compression, the seat has extra-thick foam on the front edge to provide comfort to the popliteal area Back should be continuous from seat level Height - min120 to max 128.4cm, Min 70 mm thick HR polyurethane foam with a density of $45 \pm 2 \text{ kg/m}^3$ and hardness load of $16 \pm 2 \text{ kgf}$ at 25% compression Adjustable Backrest The backrest cons should consist of a sliding up down mechanism, which can be adjusted in the range of $7.5 \pm 0.5 \text{ cm}$ and can be locked in 5 positions for correct position of lumbar support. Adjustable Headrest The headrest cons should consist of a sliding up down mechanism, which can be adjusted in the range of $7.5 \pm 0.5 \text{ cm}$ and can be locked in 5 positions for correct position of neck support. Pneumatic Height Adjustment The pneumatic height adjustment has an adjustment of $9.0 \pm 0.3 \text{ cm}$. Support Mechanism The mechanism should be designed with the following features: 360° revolving type, Single point control, Front pivot for tilt with feet resting on ground ensuring more comfort, Tilt tension adjustment, 4-position locking with anti-shock feature, Seat back tilting ratio of 1:2,		1	each

		Seat depth adjustment of 6.0 ±0.5cm can be locked in 6 positions Pedestal Assembly The pedestal should be fabricated from 0.2 ± 0.02 cm thick HR sheet (should be: DD 1079 / HR skin pass), chrome plated and assembled with injection moulded black polypropylene hub cap and 5 nos. twin wheel castors. The pedestal should be 66.0±0.5cm. Pitch-center dia. (76.0±1.0 cm with castors). Twin Wheel Caster The twin wheel castors should be injection moulded in black Nylon. All as per the direction of Engineer-in-charge			
3	Mid back revolving chair	Supplying and Placing in Position of the mesh finish mid back chair with KTS Mech 4 Position Locking, Soft touch PU Arms, Chrome-Plated Pedestal, Adjustable Backrest.. Chair Seat Height - min 47.5 to max 57.5cm Width-60.0 cm and Depth-76.0 cm Min 70 mm thick HR polyurethane foam with a density of 45 ± 2 kg/m³ and hardness load of 16 ± 2 kgf at 25% compression, the seat has extra-thick foam on the front edge to provide comfort to the popliteal area Back should be continuous from seat level Height - min 93 to max 110.4cm, Min 70 mm thick HR polyurethane foam with a density of 45 ± 2 kg/m³ and hardness load of 16 ± 2 kgf at 25% compression Adjustable Backrest The backrest cons should consist of a sliding up down mechanism, which can be adjusted in the range of 7.5±0.5cm and can be locked in 5 positions for correct position of lumber support. Pneumatic Height Adjustment The pneumatic height adjustment has an adjustment of 9.0 ±0.3cm. Support Mechanism The mechanism should be designed with the following features: 360° revolving type, Single point control, Front pivot for tilt with feet resting on ground ensuring more comfort, Tilt tension adjustment, 4-position locking with anti-shock feature, Seat back tilting ratio of 1:2, Seat depth adjustment of 6.0 ±0.5cm can be locked in 6 positions Pedestal Assembly The pedestal should be fabricated from 0.2 ± 0.02 cm thick HR sheet (should be: DD 1079 / HR skin pass), chrome plated and assembled with injection moulded black polypropylene hub cap and 5 nos. twin wheel castors. The pedestal should be 66.0±0.5cm. Pitch-center dia. (76.0±1.0 cm with castors).		30	each

		Twin Wheel Caster The twin wheel castors should be injection moulded in black Nylon. All as per the direction of Engineer-in-charge			
4	Writing pad chair	chair, PU arm, PLPB folding writing pad, book tray under seat, powder coated MS pipe frame, Width & Depth of Chair as measured from pedestal - Width-76.0 cm and Depth-76.0 cm. fabric upholstery Min 70 mm thick HR polyurethane foam with a density of $45 \pm 2 \text{ kg/m}^3$ and hardness load of $16 \pm 2 \text{ kgf}$ at 25% compression writing pad size 535 x 300 x 18 mm thick Book tray below seat internal dimensions not less than 600 Wx 600D x 150 H		32	each
5	Desk	Supplying and placing in position non sharing desking system workstation 6 Seater 40X40 mm square pipe Wall thickness 1.25mm Table Top- 18mm MDF Board Table top size-L 1800mm X D 1200mm X H 1050 mm Edge banding with 2 mm PVC tape of matching color with hot melt glue Middle partition: 25mm thickness, height 300 mm 18 mm softboard, fixed in C shaped metal powder coated holders UnderStructure: metal legs of 50 x 50 mm and connectors of 40 x 40 mm		4	each
6	Computer Workstation 2	COMPUTER WORK STATION2 seater Work StationSize - 1200L X 600D X 750H MM Made of HDHMR of all 18mm with keyboard tray and cup, provision provided all edges with edge band with 2 mm pvc edgebanding with hot melt glue Supplying and placing in position of item Providing and placing WISH panel & tile based modular workstation of size 1200x600x750mm, with partition thickness as 52.4 mm thick and height of 1200 mm including powder coated aluminium trims. All as per the direction of Engineer-in-charge Partitions Both front partition as well as side partition panels to be provided of same specification. The panels will have white magnetic board and tackable fabric to be used as pin board each of minimum size 450H x 450 W one on front panel and one on side panel. Both panels to be of equal size and interchangeable as per end user. Work surface 18 mm thick HDHMR with flat PVC lipping edge banding of size mentioned as per layout. Tiles: Combination of top tiles should be fabric tackable tile & White Board, half each. The size should be such that it can be interchanges with side panel also. Wire Management Wires should be taken into the system through cable ducts from the junction boxes and it should be carried upto the panels through concealed conduits inside the blocks. Partition below working surface Intermediate two no of blocks should be in Decorative Laminate finish.	 	4	each

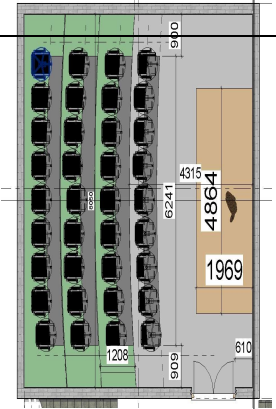
seater work station	Kick panel / Bottom tiles should be Plain metal of 250+/-10 mm height.			
	Legs - Metal powder coated legs should be there at the end and shared condition. System shall also have 120 mm high powder coated standalone panel legs to give the system an elevated look. Note: All partitions and side panels have levelling screws for adjustment in case of Uneven floor to take care of +/- 40 mm of uneven flooring each alone .			
	Pedestals Mobile pedestal 400W x 450D x 600H with legs – facia 18 mm and drawer base 9 mm thick, 3drawer = 2box+1file. With lockable casters			
	CPU trolley - with lockable castors.			
	KBPT with mouse tray – Metal.			

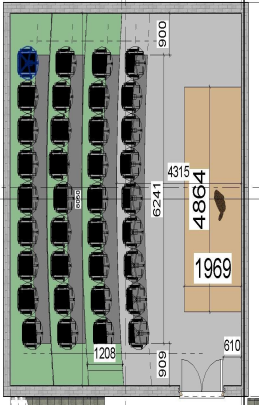
7	Computer Workstation 3 seater work station	3 seater Work StationSize - 3600 L X D 600 X H 750 MM Made of HDHMR of all 18mm with keyboard tray and cup ,ups provison provided all edges with 2 mm pvc edge banding with hot melt glue	 	2	each
		Supplying and placing in position of item Providing and placing WISH panel & tile based modular workstation of size 1200x600x750mm, with partition thickness as 52.4 mm thick and height of 1200 mm including powder coated aluminium trims. All as per the direction of Engineer-in-charge			
		Partitions Both front partition as well as side partition panels to be provided. The panels will have white magnetic board and tackable fabric to be used as pin board each of minimum size 450H x 450 W one on front panel and one on side panel. Both panels to be of equal size and interchangeable as per end user. the side panels shall be detachable to allow user convenience of shared worktop or separated.			
		Work surface 18 mm thick HDHMR with flat PVC lipping edge banding and circular cable ring.			
		Tiles: Combination of top tiles should be fabric tackable tile & White Board, half each.			
		Wire Management Wires should be taken into the system through cable ducts from the junction boxes and it should be carried upto the panels through concealed conduits inside the blocks.			
		Partition below working surface Intermediate two no of blocks should be in Decorative Laminate finish. Kick panel / Bottom tiles should be Plain metal of 250+/-10 mm height.			
		Legs - Metal powder coated legs should be there at the end and shared condition. System shall also have 120 mm high powder coated standalone panel legs to give the system an elevated look. Note: All partitions and side panels have levelling screws for adjustment in case of Uneven floor to take care of +/- 40 mm of uneven flooring each alone.			
		Pedestals Mobile pedestal 400W x 450D x 600H with legs – facia 18 mm and drawer base 9 mm thick, 3drawer = 2box+1file. With lockable casters			
		CPU trolley - with lockable castors.			
		KBPT with mouse tray – Metal.			

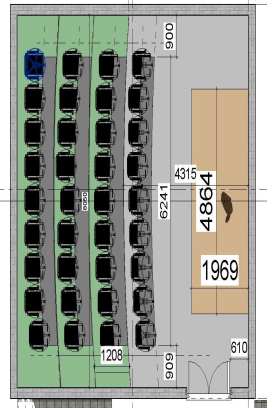
8	Visitor Chairs	Width & Depth of Chair as measured from pedestal – Seat Width-520 mm and Depth-76.0 cm. PP Seat Back, SS Pipe Frame UPPER STRUCTURE: It is a single shell 1.2 ± 0.1 cm thick hot-pressed plywood with moulded polyurethane foam on top and backing foam on the rear side. It is upholstered with an option of knitted fabric and leatherette. The seat has extra-thick foam on the front edge to provide comfort to the popliteal area. The foam backing is done on the back for extra fluffiness and comfort. SEAT AND BACK HIGH RESILIENCE (HR) POLYURETHANE FOAM: The HR polyurethane foam for the seat and back is moulded with a density of 45 ± 2 kg/m³ and hardness load of 16 ± 2 kgf at 25% compression. TUBULAR FRAME: The powder-coated tubular frame is of cantilever type which also supports the back and is made of $\varnothing 2.54 \pm 0.03$ cm x 0.2 ± 0.016 cm thick S.S 304 tube. Backrest Height: ~58 cm to 62 cm ARMRESTS: The armrest top is moulded from polyurethane (PU) with a metal insert and mounted onto a tubular frame. All as per the direction of the Engineer-in-charge.		60	each
9	Sofa set	2 nos. Single Seater Sofa, Wooden Frame, SS Leg, Size in mm - 715(L) X 750(D) X 725(H) and 1 no. Three Seater Sofa, Wooden Frame, SS Leg, Size in mm - 1670(L) X 750(D) X 725(H) Seat & Body: The under-structure is made of a combination of plywood and pinewood members. The plywood is 12mm thick, moisture-resistant and termite-proof. Pinewood members with cross-sections of 22x64, 22x40, 22x100, and 34x64 mm are used, without major knots or surface defects. A 3.8mm dia. zigzag spring assembly is mounted on the seat structure with spring mounting plastic clips for support and additional cushioning. Paper-coated MS rod is connected to all springs with clips to provide strength to the spring assembly. Non-woven fabric is stapled on the seat structure frame above the spring assembly to prevent tearing of the seat foam due to contact with the metal springs. The complete under-structure is assembled by gluing, nailing, and stapling. 3mm MDF and 2mm cardboard are stapled on the structure to provide a surface for foam sticking and upholstery stapling. Seat Foam: The seat is made of PU foam with a density of 28 kg/m³ of thickness 75mm, with an additional top layer of super soft PU foam with a density of 32 kg/m³ with a thickness of 50mm and with super soft topper foam of 32 kg/m³ 25mm thickness. A 200 GSM Recron sheet is wrapped and glued over this seat top foam. The seat front bottom vertical surface is glued with PU foam of 28 kg/m³ density minimum 25 mm thickness to avoid discomfort. The side vertical surface, body front taper vertical, back vertical surface, and top horizontal surface are glued with PU foam of 28 kg/m³ density minimum 25 mm thickness to avoid discomfort. Upholstery: Seat upholstery is made in dual-tone color with leatherette options.		2	set of 2 no's single seater and 1 no. 3 seater

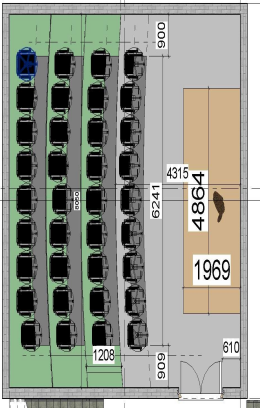
Back Top Cushion:

The under-structure is made of a combination of plywood and pinewood members. The plywood is 12mm thick, moisture-resistant and termite-proof. Pinewood members with cross-sections of 22x64, 22x40, 22x100, and 34x64 mm are used, without major knots or surface defects. A 3.8mm dia. zigzag spring assembly is mounted on the seat structure with spring mounting plastic clips for support and additional cushioning purpose. All work to be executed as per the direction of the Engineer-in-charge.

10	Centre table	Overall Size: 1200W x 600D x 450H mm Centre Table, tempered Glass with Wooden frame UnderStructure: 45x45 mm Wooden frame with rack below, finishing as decided by E-in-Charge Table Top Material & Size: 10mm Tempered Glass, L x W x T: 1000 x 650 x 10 mm, Color: Clear		2	each
11	Curved seating-Desk 01	Curved seating - Desk Size: 6240WX450DX750H PLPB 25MM worktop size OSLBoard Bottom Side inwhite color . Legs(25X50) & modestyshould be made by metal CRCA sheetpropotionet 0.8MM powder coated 45 microns. necessary hardware . Popup flip Box. Desk Dimensions (Per User/Pair): Desk Depth (D): 450mm. Desk Width: Matches the seat width, providing approximately 665mm of space per user. Legs are made of MS ERW tube section of size 75x75x2mm thick oval tube with 5 mm thick HR brackets and 2mm thick CRCA brackets welded on to the tubes. Assembly is powder coated with epoxy polyester. Leg height varies from 705 to 1005 in pitch of 50 as per layout. the legs shall be placed such that to avoid hindrance to movement of chairs, spacing of frames must not be less than 660 mm without compromising the structural strength Sturdy anchoring by anchor bolts on to base of 8mm thick plate for proper resting of leg. Shoe made of ultramid- Nylon are provided at the bottom for covering the base plate. Side Clads: Two side clads made of 18mm thick plate with 0.8mm thick PVC lipping and on the outside covered with welded metal structure made of of 2mm thick CRCA powder coated with epoxy polyester. Worktop: Worktop are made of 25mm thick prelaminated board of E1-P2 Grade and approved shade. All the edge of work surface are provided with machine passed 2mm thick PVC edge band glued with hot melt glue. Modesty: Modesty is made of 25mm thick pre laminated twin board of and approved shade. All the edge of modesty are provided with machine pressed 2mm thick PVC edge band glue with hot melt glue. This Item consist of only one desk irrespective of number of tables shown in picture		1	each

12	Curved seating-Desk 02	Curved seating - Desk Size: 6240WX450DX750H PLPB 25MM worktop size OSLBoard Bottom Side inwhite color . Legs(25X50) & modestyshould be made by metal CRCA sheet propotionet 0.8MM powder coated 45 microns. necessary hardware . Popup flip Box. Desk Dimensions (Per User/Pair): Desk Depth (D): 450mm. Desk Width: Matches the seat width, providing approximately 665mm of space per user. Legs are made of MS ERW tube section of size 75x75x2mm thick oval tube with 5 mm thick HR brackets and 2mm thick CRCA brackets welded on to the tubes. Assembly is powder coated with epoxy polyester. Leg height varies from 705 to 1005 in pitch of 50 as per layout. the legs shall be placed such that to avoid hindrance to movement of chairs, spacing of frames must not be less than 660 mm without compromising the structural strength Sturdy anchoring by anchor bolts on to base of 8mm thick plate for proper resting of leg. Shoe made of ultramid- Nylon are provided at the bottom for covering the base plate. Side Clads: Two side clads made of 18mm thick plate with 0.8mm thick PVC lipping and on the outside covered with welded metal structure made of of 2mm thick CRCA powder coated with epoxy polyester. Worktop: Worktop are made of 25mm thick prelaminated board of E1-P2 Grade and approved shade. All the edge of work surface are provided with machine passed 2mm thick PVC edge band glued with hot melt glue. Modesty: Modesty is made of 25mm thick pre laminated twin board of and approved shade. All the edge of modesty are provided with machine pressed 2mm thick PVC edge band glue with hot melt glue. This Item consist of only one desk irrespective of number of tables shown in picture	 The drawing shows a side view of a curved seating desk. It features a row of chairs on the left, a central desk area, and a modesty panel on the right. Dimensions are labeled: 6240 (total width), 450 (desk depth), 750 (modesty height), 1208 (chair width), 909 (desk width), 610 (modesty width), 4864 (modesty panel width), 1969 (modesty panel height), 4315 (total height), 900 (desk height), and 6241 (total width including modesty).	1	each
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13	Curved seating-Desk 03	Curved seating - Desk Size: 6240WX450DX750H PLPB 25MM worktop size OSLBoard Bottom Side inwhite color . Legs(25X50) & modestyshould be made by metal CRCA sheetpropotionet 0.8MM powder coated 45 microns. necessary hardware . Popup flip Box. Desk Dimensions (Per User/Pair): Desk Depth (D): 450mm. Desk Width: Matches the seat width, providing approximately 665mm of space per user. Legs are made of MS ERW tube section of size 75x75x2mm thick oval tube with 5 mm thick HR brackets and 2mm thick CRCA brackets welded on to the tubes. Assembly is powder coated with epoxy polyester. Leg height varies from 705 to 1005 in pitch of 50 as per layout. the legs shall be placed such that to avoid hindrance to movement of chairs, spacing of frames must not be less than 660 mm without compromising the structural strength Sturdy anchoring by anchor bolts on to base of 8mm thick plate for proper resting of leg. Shoe made of ultramid- Nylon are provided at the bottom for covering the base plate. Side Clads: Two side clads made of 18mm thick plate with 0.8mm thick PVC lipping and on the outside covered with welded metal structure made of of 2mm thick CRCA powder coated with epoxy polyester. Worktop: Worktop are made of 25mm thick prelaminated board of E1-P2 Grade and approved shade. All the edge of work surface are provided with machine passed 2mm thick PVC edge band glued with hot melt glue. Modesty: Modesty is made of 25mm thick pre laminated twin board of and approved shade. All the edge of modesty are provided with machine pressed 2mm thick PVC edge band glue with hot melt glue. This Item consist of only one desk irrespective of number of tables shown in picture		1	each
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14	Curved seating-Desk 04	Curved seating - Desk Size: 6240WX450DX750H PLPB 25MM worktop size OSLBoard Bottom Side inwhite color . Legs(25X50) & modestyshould be made by metal CRCA sheetpropotionet 0.8MM powder coated 45 microns. necessary hardware . Popup flip Box. Desk Dimensions (Per User/Pair): Desk Depth (D): 450mm. Desk Width: Matches the seat width, providing approximately 665mm of space per user. Legs are made of MS ERW tube section of size 75x75x2mm thick oval tube with 5 mm thick HR brackets and 2mm thick CRCA brackets welded on to the tubes. Assembly is powder coated with epoxy polyester. Leg height varies from 705 to 1005 in pitch of 50 as per layout. the legs shall be placed such that to avoid hindrance to movement of chairs, spacing of frames must not be less than 660 mm without compromising the structural strength Sturdy anchoring by anchor bolts on to base of 8mm thick plate for proper resting of leg. Shoe made of ultramid- Nylon are provided at the bottom for covering the base plate. Side Clads: Two side clads made of 18mm thick plate with 0.8mm thick PVC lipping and on the outside covered with welded metal structure made of 2mm thick CRCA powder coated with epoxy polyester. Worktop: Worktop are made of 25mm thick prelaminated board of E1-P2 Grade and approved shade. All the edge of work surface are provided with machine passed 2mm thick PVC edge band glued with hot melt glue. Modesty: Modesty is made of 25mm thick pre laminated twin board of and approved shade. All the edge of modesty are provided with machine pressed 2mm thick PVC edge band glue with hot melt glue. This Item consist of only one desk irrespective of number of tables shown in picture		1	each
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15	Medium back revolving chair	Medium back revolving chair Medium Back revolving chair, Foam on seat with mesh upholstery, Plastic frame Back with mesh upholstery with Lumber support, PP handles with flip option, regular tilt Mechanism with single position locking, Nylon base and nylon wheels Chair Seat Height - min 47.5 to max 57.5cm Width-60.0 cm and Depth-76.0 cm Min 70 mm thick HR polyurethane foam with a density of $45 \pm 2 \text{ kg/m}^3$ and hardness load of $16 \pm 2 \text{ kgf}$ at 25% compression, the seat has extra-thick foam on the front edge to provide comfort to the popliteal area Back should be continuous from seat level Height - min 93 to max 110.4cm, Min 70 mm thick HR polyurethane foam with a density of $45 \pm 2 \text{ kg/m}^3$ and hardness load of $16 \pm 2 \text{ kgf}$ at 25% compression Adjustable Backrest The backrest cons should consist of a sliding up down mechanism, which can be adjusted in the range of $7.5 \pm 0.5 \text{ cm}$ and can be locked in 5 positions for correct position of lumber support. Pneumatic Height Adjustment The pneumatic height adjustment has an adjustment of $9.0 \pm 0.3 \text{ cm}$. Support Mechanism The mechanism should be designed with the following features: 360° revolving type, Single point control, Front pivot for tilt with feet resting on ground ensuring more comfort, Tilt tension adjustment, 4-position locking with anti-shock feature, Seat back tilting ratio of 1:2, Seat depth adjustment of $6.0 \pm 0.5 \text{ cm}$ can be locked in 6 positions Pedestal Assembly The pedestal should be fabricated from $0.2 \pm 0.02 \text{ cm}$ thick HR sheet (should be: DD 1079 / HR skin pass), chrome plated and assembled with injection moulded black polypropylene hub cap and 5 nos. twin wheel castors. The pedestal should be $66.0 \pm 0.5 \text{ cm}$. Pitch-center dia. ($76.0 \pm 1.0 \text{ cm}$ with castors). Twin Wheel Caster The twin wheel castors should be injection moulded in black Nylon. All as per the direction of Engineer-in-charge		48	each
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