

THE WEST BENGAL NATIONAL UNIVERSITY OF JURIDICAL SCIENCES, KOLKATA  
(An Autonomous Law University established by the West Bengal Act No. IX of 1999)  
Dr. Ambedkar Bhavan 12, LB Block, Sector III, Salt Lake City, Kolkata - 700 106  
Phone: (033) 2569 4700 to 30; Fax: (033) 2335 7422/ 0511  
E-mail: ao@nujs.edu & Website: www.nujs.edu

Ref. No.: WBNUJS/PC/NIT/015/ACLIBAUD/2023-24

DATE: 26.05.2023

### NOTICE INVITING TENDERS

The West Bengal National University of Juridical Sciences, an Autonomous Law University established under WBNUJS Act, 1999 (West Bengal Act IX of 1999) adopted by the West Bengal Legislature in July, 1999. The University was notified under Clause (f) of Section 2 of the UGC Act, 1956 in August 2004 and granted affiliation by the Bar Council of India is in the process for procurement of the following item through the Offline Tenders under two cover bidding system (Technical+ Financial).

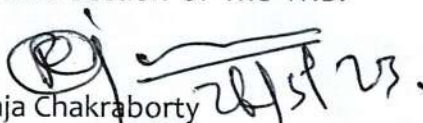
Item Description
<b>AIR CONDITIONING SYSTEM FOR LIBRARY AND AUDITORIUM</b>

The potential and eligible bidders are required to visit the University website (<https://www.nujs.edu/home/tenders/>) for submission the bid with proper documentation with in bidding schedule. Interested Bidders are also requested to check the detailed corrigendum time to time through the University Tenders Portal which may be uploaded against this tender.

#### Critical Dates of Tender

Sl.No.	Particulars	Date	Time
1.	Date of Online Publication/ Download of Tender	26.05.2023	10.00 am
2.	Bid Submission Start Date	26.05.2023	10.00 am
3.	Bid Submission Close Date	20.06.2023	3.00 pm
4.	Opening of Technical Bids	22.06.2023	
5.	Opening of Financial Bids	To be communicated later	
6.	Validity of the Bid Documents	180 Days from the date of opening	

All quotation and manual bid should be submitted in the respective section of The W.B. National University of Juridical Sciences.

  
Raja Chakraborty  
Registrar

Address for the submission:

**The Registrar**  
**THE W.B. NATIONAL UNIVERSITY OF JURIDICAL SCIENCES**  
**"DR. AMBEDKAR BHAVAN"**  
**12, LB BLOCK, SECTOR-III, SALT LAKE CITY, KOLKATA- 700 106**







## THE WEST BENGAL NATIONAL UNIVERSITY OF JURIDICAL SCIENCES

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E-mail: ao@nujs.edu <> Website: www.nujs.edu

### INSTRUCTION TO THE BIDDER

As per the decision of the University Authority, this tender document has been published on the University website (<https://www.nujs.edu/home/tenders/>). The bidders are required to submit hard copies of their bids at the respective section of the University.

### IMPORTANT INFORMATION

NIT REF. NO.	:	Ref. No.: WBNUJS/PC/NIT/015/ACLIBAUD/2023-24	
ITEM DESCRIPTION	:	AIR CONDITIONING SYSTEM FOR LIBRARY AND AUDITORIUM	
PERIOD OF STANDARED WARRANTY	:	5 YEARS ONSITE COMPREHENSIVE	
TENDER TYPE	:	OPEN TENDER	
NO. OF COVER	:	TWO (02) COVER SYSTEM	
DATE OF PUBLICATION OF TENDER	:	26.05.2023	
LAST DATE OF BID SUBMISSION	:	20.06.2023	
DATE OF OPENING OF TECHNICAL BIDS	:	22.06.2023	
PRE-BID MEETING DATE & TIME	:	31.05.2023 at 2.00 p.m.	
EARNEST MONEY DEPOSIT (EMD is refundable to the unsuccessful bidders against the application made by the unsuccessful bidders after the financial bid evaluation, No interest shall be paid against the earnest money deposited).	:	AMOUNT	2% of the quoted value
		Online receipt of EMD through SBI Collect Payment Gateway as per instruction given below.	

All are requested to follow the Instructions for making the payment through SBI Collect -

Access <https://www.onlinesbi.sbi/sbicollect/icollecthome.htm>

Select Category as 'Educational Institutions'

Select the Institutions Name as 'The West Bengal National University of Juridical Sciences'

Select the Payment Category as 'Earnest Money Deposit'

Please share the **SBI Collect Reference Number** with a copy of EMD receipt with bidding documents for proof of payment or reconciliation of fees.



### **EARNEST MONEY DEPOSIT:**

Earnest Money Deposit (EMD)/Bid Security as stated under IMPORTANT INFORMATION should be provided as applicable. The bid security should remain valid for a period of forty-five days beyond the final bid validity period.

A bidder's Bid Security will be forfeited if the bidder withdraws or amends its/his tender or impairs or derogates from the tender in any respect within the period of validity of the tender or if the successful bidder fails to furnish the required Performance Security within the specified period. The decision of the Competent Authority of WBNUJS Kolkata in this respect will be final and binding on all the stake holders.

### **EXEMPTION OF EARNEST MONEY DEPOSIT:**

Earnest Money is to be submitted by the all bidders except Micro and Small Enterprises (MSEs) as defined in MSE Procurement Policy issued by Department of Micro, Small and Medium Enterprises (MSME) or is registered with the Central Purchase Organization or the concerned Ministry or Department.

### **CONTACT INFORMATION:**

Any queries relating to the tender document and the terms and conditions or technical specification, Bidders may contact to the following offices:

FOR ANY COMMERCIAL TERMS AND CONDITIONS:

Designated Officer:	<b>The Chairman, Procurement Committee</b>
Department:	<b>Store &amp; Purchase Section, WBNUJS Kolkata</b>
Email ID:	<b>ao@nujs.edu</b>
Telephone No:	<b>033-2569 4700 (Extn. 1040)</b>

For Technical Specification contact Campus Supervisor, 033-2569 4700 (Extn. 1050)





## **GENERAL TERMS AND CONDITION**

### **A. PRE-QUALIFICATION CRITERIA:**

- 1) Bidders should be the original equipment manufacturer (OEM) or an authorized dealer. For the later, Letter of Authorization from original equipment manufacturer (OEM) on the same and specific to the tender should be enclosed. An authorized dealer is strongly discouraged to authorize another dealer to quote on their behalf.
- 2) The OEM/authorized dealer must have service support team for providing the after sale service for warranty and onsite service near WBNUJS Kolkata, preferably at Kolkata.
- 3) Bidder must have supplied similar equipments/ goods of equal value or more to any Govt. organization. Copy of valid order and satisfactory completion certificate to be enclosed along with the technical bid.
- 4) Bidder will be responsible for delivery, erection, installation and commissioning of the goods /equipments.
- 5) Data/Specification sheet of the quoted model must be attached along with technical bid.
- 6) Technical compliance sheet with point wise explanation of the Specification as per **Annexure-I** must be attached along with technical bid.
- 7) Bidder should submit the details of company profile along with technical and financial credibility as following:
  - Current Trade License, Incorporation Certificate (if Applicable)
  - Company PAN Card,
  - GST Registration certificate,
  - up to date P-Tax Challan,
  - ITR and Profit and Loss statement with Balance Sheet for Last Three Financial Year etc.
  - Details Office Address with the details of contact person
  - Past Experience of Similar nature of Job in Government Organization.

### **B. BID VALIDITY:**

The quoted price shall be valid for a period of 180 days from the date of financial bid opening of the tender. The University may issue the order within 180 days from the date of opening of financial bid i.e. within the period of bid validity.

### **C. DELIVERY**

The delivery of the consignment(s) is/are required to be made within 45 days from the issue of the Work Order.



#### **D. PRICES:**

The price should be quoted on **Door Delivery WBNUJS Kolkata** basis including applicable Taxes, Charges etc. The bidder shall also show the amount of each item, the total of each section and the grand total of the whole tender.

#### **E. PERFORMANCE SECURITY:**

The Vendor shall require to submit the performance security in the form of irrevocable bank guarantee issued by any Indian Nationalized Bank /Schedule Bank for an amount of 3 % (Three Percent) of the order value within 10 days from the date of installation and should valid for a period of 395 days beyond the date of completion of all contractual obligations of the supplier including warranty. Compliance sheet of the Performance Security are mentioned in the specification.

The Performance Security will be forfeited and credited to the University's account in the event of a breach of contract by the supplier. The decision of the Competent Authority of WBNUJS Kolkata in this respect will be final and binding on all the stake holders. Performance Security may be refunded to the supplier without interest, after it duly performs and completes the contract in all respects.

#### **F. PAYMENT :**

- A) 60% of the order value will be released on receipt of materials at site against submission of claim.
- B) Balance 40% of the order value will be paid after satisfactory commissioning and completion of work.
- C) No freight, transportation or handling charges will be paid extra.

#### **G. INSTALLATION:**

Installation and commissioning of the supplied goods/accessories to be done by the successful bidders at our site with your instruments, accessories, tools & tackles and by deploying appropriate manpower as required, at your own cost.

#### **H. TRAINING:**

Training on operation, routine maintenance shall have to be provided to the Staffs/ Technicians etc. after the installation and commissioning at our site as needed and when requested to do so.

#### **I. BANK CHARGES:**

NEFT/RTGS/Out Station Bank Charges etc. to the beneficiary account.

#### **J. SUPPORTING EQUIPMENT:**

If equipment will require indigenous supporting instruments/accessories etc. at the time of the installation and commissioning, the same should be quoted in separate quotation.





**K. SERVICE FACILITY:**

Vendor should mention about the possible service set up in India and the contact details of the Authorized person.

**L. AGENCY COMMISSION:** No agency commission will be paid.

**M. SITE PREPARATION:**

The Vendor shall inform the University about the site preparation, if any, needed for the installation of equipment, immediately after the receipt of the Work Order. The Vendor must provide complete details regarding space and all the other infrastructural requirements needed for the equipment, which the University should arrange before the arrival of the equipment to ensure its timely installation and smooth operation thereafter.

The Vendor shall visit the University and see the site where the equipment is to be installed and may offer his advice and render assistance to the University in the preparation of the site and other pre-installation requirements.

**N. DOWNTIME:**

During the warranty period if the problem is not resolved within three working days, 25% of the security deposit will be forfeited as penalty. Downtime will be counted from the date and time of the filing of complaint within the business hours.

**O. AFTER SALES SERVICE:**

After sales service should be provided satisfactorily as per the requirement of the University.

**P. DISPUTES AND JURISDICTION:**

Any legal disputes arising out of any breach of contract pertaining to this tender shall be settled in the court of competent jurisdiction located within Kolkata, West Bengal.

**Q. FORCE MAJEURE:**

The Vendor shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

- For purposes of this Clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the Purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof. 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.

**R. LIQUIDITY DAMAGES:**

1 % per week of the order value will be applicable for belated supply towards liquidated damages subject to maximum of 10 % beyond the due date. Such amount will be deducted from any amount due or which may become due to Vendor.

The condition regarding the execution of LD Clause as mentioned above is given bellow -  
**For Indigenous Order:** Delivery/ Installation from the date of issue of Work Order

**S. RESOLUTION OF DISPUTES:**

The dispute resolution mechanism to be applied pursuant shall be as follows:

In case of Dispute or difference arising between the Purchaser and a vendor 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 Vice Chancellor, The West Bengal National University of Juridical Sciences (WBNUJS) Kolkata 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.

In the case of a dispute between the purchaser and a Foreign Vendor, 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. The venue of the arbitration shall be the place from where the order is issued.

**T. GOVERNING LANGUAGE:**

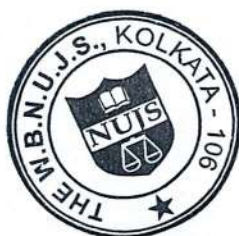
The contract shall be written in English language. English language version of the Contract shall govern its interpretation. All correspondence and other documents pertaining to the Contract, which are exchanged by the parties, shall be written in the same language.

**U. AWARD OF CONTRACT:**

WBNUJS Kolkata shall award the contract to the technically eligible lowest bidder. If more than one bidder happens to quote the same lowest price, WBNUJS Kolkata reserves the right to award the contract to more than one bidder or any bidder.

**V. PURCHASER'S RIGHT TO VARY QUANTITIES AT THE TIME OF AWARD:**

WBNUJS Kolkata reserves the right at the time of award of Contract to increase or decrease the quantity of items specified in the Schedule of Requirements without any change in price or other terms and conditions.





#### **W. INDEMNITY:**

The vendor shall indemnify, protect and save WBNUJS Kolkata against all claims, losses, costs, damages, expenses, action suits and other proceeding, resulting from infringement of any law pertaining to patent, trademarks, copyrights etc. or such other statutory infringements in respect of all the equipment supplied by him.

#### **X. TERMINATION FOR DEFAULT:**

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

- 1) If the Vendor fails to deliver, erect, install and commission any or all of the Goods within the period(s) specified in the order, or within any extension thereof granted by the Purchaser; or
- 2) If the Vendor fails to perform any other obligation(s) under the Contract.
- 3) If the Vendor, in the judgment of the Purchaser has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

For the purpose of this Clause:

- 1) **“Corrupt practice”** means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.
- 2) **“Fraudulent practice”** means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition;”

In the event the Purchaser terminates the Contract in whole or in part, the Purchaser may procure, upon such terms and in such manner, as it deems appropriate, Goods or Services similar to those undelivered, and the Vendor shall be liable to the Purchaser for any excess costs for such similar Goods or Services. However, the Vendor shall continue the performance of the Contract to the extent not terminated.

#### **Y. OFFICE FOR COMMUNICATION :**

The Bidder is desirable to have an office in West Bengal and service delivery centre in or around Kolkata. The Bidder should mention in detail their support infrastructure including address, contact Phone No., Fax No., e-Mail ID etc. and modalities by which fast response to maintenance calls and minimum downtime will be ensured.





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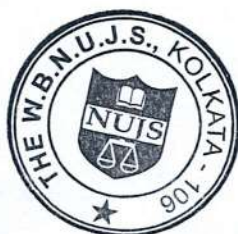
**W.B. (INDIA)**

**TENDER FOR REFURBISHMENT OF AIR-CONDITIONING WORK  
OF AUDITORIUM & LIBRARY**



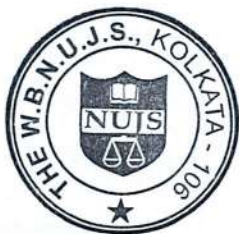
**Eligibility criteria for participation in the tender:-**

1. The prospective bidders shall be bonfire resourceful contractor (Not a member of joint Venture or sub-contractor) and intending bidder should have following credential criteria
  - a. Intending tenderers should produce credentials of a single work of similar nature(conforming to components of work as mentioned in the BOQ) of completed work, of the minimum value of Rs 70,00,000 of the estimated amount put to tender during 5(five) years prior to the date of issue of the tender notice
  - b. Intending tenderers should produce credentials of 2(two) similar nature work (conforming to components of work as mentioned in the BOQ) of completed work, each of the minimum value of Rs 40,00,000 of the estimated amount put to tender during 5(five) years prior to the date of issue of the tender notice
2. The prospective bidders shall have in their engagement experienced technical personnel, Minimum being one degree and one diploma holder in Electrical Engineering.
3. The Bidder must have Electrical Supervisor holding Supervisor competency on the parts 1, 2, & 11 or equivalent National Supervisors'
4. Average annual Total Turnover in the last 3 financial years has to be at least same value of the project for which tender is invited. (Copy of audited annual report is to attached with form 3B) Profitability and Net worth of the company has to be positive during last 3-years in Financial Year period. In case of Proprietorship and Partnership Firms and Company, Tax Audit Report shall have to be furnished along with Balance sheet and Profit and Loss account and all schedules forming the part of Balance Sheet and Profit and Loss Account.
5. The intending tendered must procure the materials from Manufacturer / OEM. Authorization certificate should be issued by the personnel that particular company, so that standard warranty support of the Manufacturer / OEM is ensured. Documents that authenticate procurement should be sent from email of the Authorized Signatory manufacturer/OEM with stating Tender **Ref. No. WBNUJS/PC/NIT/015/ACLIBAUD/2023-24**, Date **26-05-2023** of Issuance of certificate, validity of authorization and the name, Designation, contact no, email-ID of that authorized signatory to the Tender inviting Authority. OEM authorization should be submitted prior to issuance of LOA failing which the bid may be cancelled and appropriate action leading to debarment may be taken in due course. (ii) The OEM will not be allowed / considered in the make list for at least next 5 or more similar nature of tender, if any complaint is raised from the intending bidders for not issuing OEM Certificates in favour of the bidder.





6. The tender inviting Authority reserves the right to reject / cancel any offer without assigning any reason whatsoever and is not liable for any cost that might have incurred by any Bidder at the stage of Bidding.
7. The tender inviting & Accepting Authority through an "Evaluation Committee" will determine the eligibility of each bidder. The financial offer of the prospective bidder will be considered only if the bidder qualifies in the Technical Bid.
8. If any document submitted by a bidder found to be either manufacture or false; in all such cases the eligibility of the bidder will be out rightly rejected at any stage without any prejudice. The decision of the tender inviting Authority will be final and no challenge against such decision will be entertained.
9. The tender inviting Authority reserves the right to accept or reject any Bid and to cancel the Bidding processes and reject all Bids at any time prior to the Award of Contract (Final acceptance after completion of agreement in 2911) without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the ground for Employer's (tender accepting authority) action.
10. The selected agency has to submit scheme layout diagram for approval of the EIC of department and as built drawing on completion of the work Defect Liability Period will be one year from the date of completion notified by Engineer-in-Charge.
11. The implementing agency has to provide skilled manpower for at least one month for handing over of Inventory to Administration on completion of the work.
12. Restoration of defect in Electro mechanical equipment due to natural calamity or force majeure or act of God if any will not come under scope of the defect liability.
13. As built drawing, safe operating procedure, Trouble-shooting manual will have to be submitted in multiple copies.(Seven sets).
14. Factory test reports of all Components will have to be submitted.
15. Testing Commissioning reports all equipment's duly signed by testing Engineer, OEM representatives, supervisor SCC permit at site.
16. All materials, not otherwise specified, shall be in accordance with the latest appropriate Indian Standard Specifications where such exist.
17. Bidder should submit copies of declaration of indemnity from original equipment manufacturer to provide free service and technical support during installation, testing, commissioning and within defect liability period if entrusted with work after evaluation of online bid and before award of Letter of Intent.



18. The entrusted agency should open an office establishment in the vicinity of the work site during execution of work and continue its presence up to completion of defect liability period. The employees deployed for the project should have adequate knowledge and will have to be provided with Identity Card which will be authenticated by administration.
19. Completion and hand over of installation under each segment of BOQ will be considered as milestone.
20. The entrusted agency should submit a statement which shall contain the necessary information and declaration by the Contractor as well as by his Supervisor appointed to execute and supervise the work.
21. The work will be completed within 90 days from the date of work order.





## 1.1 BASIS OF DESIGN

- 1.1.1 Site Location: **Kolkata**  
1.1.2 Geographic location: **22.65°N; 88.45°E**  
1.1.3 Altitude: **6M above mean sea level.**

### 1.1.4 Outdoor Design Conditions:

Outdoor Design Conditions for **Kolkata** are based on Weather data files published by ISHRAE exceeding less than **0.4%** annual cumulative frequency, are considered as follows:

#### Summer

- Dry Bulb Temperature: 99.7°F (37.6°C)  
Mean Coincident Wet Bulb Temperature: 83.1°F (28.3°C)

#### Monsoon

- Wet Bulb Temperature: 94.5°F (34.7°C)  
Mean Coincident Dry Bulb Temperature: 87.3°F (30.7°C)

#### Winter

- Dry Bulb Temperature: 54.9°F (12.7°C)  
Mean coincident Wet Bulb Temperature: 52.9°F (11.6°C)

### 1.1.5 Indoor Design Conditions

- Auditorium & Stage 25±2°C DBT with RH around 60%



### 1.1.6 FALSE CEILING INSULATION

False Ceiling insulated with 50MM Thick Expanded Polystyrene Density 16Kg/Cumtr.

### 1.1.7 ELECTRIC POWER SUPPLY:

3Ø, four wire, AC 415 Volts  $\pm$  10% & 50 Hz  $\pm$  5% Incoming Electric Power Supply with suitable Double Earth protection shall be made available to each Outdoor and each AHUs Unit.

**Area to be conditioned: The WB National University of Juridical Sciences. 12 LB BLOCK , SECTOR – III, SALT LAKE, KOLKATA – 700 106** – Auditorium with its Stage Area and Library with its sitting area. Details are as under:

Description	AHUs CFM	DX AHUs TR	Row deep coil	AHUs Qty	ODU HP	ODU QTY
Library	12000 CFM	32 TR	6 row deep	2	40	2
Auditorium	15000 CFM	40 TR	6 row deep	2	50	2

### DESCRIPTION OF THE SYSTEM

To cater to the above requirement, it is proposed to provide

1. Two No's Air Handling Units of Capacity 15000CFM /37.5 TR each working in conjunction with 50HP VRV/VRF Air Cooled Condensing Units each for the Auditorium Area
2. Two No's Air Handling Units of Capacity 12000CFM /32 TR each working in conjunction with 40HP VRV/VRF Air Cooled Condensing Units each for the Auditorium Area
- a) The Air Handling Units will be located in Floor Areas in Air Handling Rooms to be constructed adjacent to the existing Return Air Shaft. The Condensing Units will be located on the terrace of the AHU Room / On Structural Platform mounted on the near wall of the Auditorium Building. Cooled and treated air will be supplied through sheet metal duct and distributed through Supply Air Grills to the Auditorium. The Return Air from the Auditorium will be picked up through Return Air Grilles and brought back to the Shaft through the annular space between the Return Air Boxing and the Supply Air duct to the AHU Room. The Supply Air Duct will be thermally and acoustically insulated to reduce the noise from AHU Rom to reach the Auditorium.

### SCOPE OF WORK





The Scope of Work covered under this tender includes

- a) Dismantling, removal and disposal of the existing air-conditioning system with Air Handling Units, Condensing Unit, Ducting, Refrigeration Piping with their support, Electricals pertaining to existing air-conditioning system. Bidder will have to furnish their buy back price for these items which will be part of the tender evaluation process. Bidder will have to take extreme care so as not to damage the existing false ceiling, acoustic paneling and other installations and furniture inside the Auditorium.
- b) Supply, Installation, Testing, Commissioning, Performance Testing and Handing over of the new Air-conditioning system as detailed under the tender. Bidders are advised to visit the site and get first hand understanding of the site and its requirements.
- c) Providing All Inclusive Annual Maintenance Services for the complete installation for a period of Three Years after the expiry of Defects Liability Period
- d) Providing all Handing Over Documents covering
  1. As Installed Drawings
  2. Operation/Maintenance and Trouble Shooting Manual

#### **DEFECTS LIABILITY PERIOD**

The entire installation and its components shall be warranted against faulty materials and poor workmanship for a period of 12 Months from the date testing and commissioning or 15days from date of invoice.

#### **ITEMS TO BE PROVIDED BY SAME AGENCIES**

1. All Civil work like construction of AHU Room with foundation for Air Handling Units and floor drain point
2. Breaking open and making good of walls for passage of ducts, Tubes, Cables etc
3. Opening and re-fixing of Acoustic Boards false ceiling panels as required to carry out the work
4. Return Air Boxing
5. Isolation Doors for Staircase along the wings
6. 3Ø, 50Hz  $\pm$ , 415V  $\pm$  10%, 4Wire AC Power Supply to the Incomer feeders of AHU Panels, Split AC Units with Double Earth protection
7. Electric power for carrying out installation work at one point in site
8. Water Supply point in each AHU Room for Coil cleaning
9. False Ceiling Insulation work, as required
10. Storage Space and Space for working at site



**Separate Estimate cost to be enclosed with the BOQ by the Vendor**

### **COMPLETION PERIOD**

The entire Scope of Work needs to be completed within 12 Weeks from the date of Award of the Work.





## **DOUBLE SKIN AIR HANDLING UNIT**

### **SCOPE**

The scope of this section comprises the supply, erection, testing and commissioning double skin construction air handling units, conforming of these specifications and in accordance with auto-cad drawings and of the Schedule of Quantities.

### **TYPE**

The Air Handling Unit shall be horizontal, floor mounted in double skin construction, draw – through type comprising of various section such as mixing plenum, filter section, coil section, fan section, filter plenum as per details given in Drawings and Schedule of Quantities.

### **CAPACITY**

The air handling capacities, External static pressure shall be as detailed in the Bill of Quantities.

### **HOUSING/CASING**

The casing of the Air Handling Unit shall be of double skin construction. The frame work shall be of Extruded Aluminium hollow sections with thermal break profile. The frame shall be assembled using pressure die cast nylon plastic joints to make a sturdy, strong and self-supporting frame work for various section.

Double Skin Panels will be 48mm/50mm thick in double skin sandwich insulated construction with CFC Free Polyurethane foam Density  $40 \pm 2$  Kg/Cumtr injected between outer skin of 0.6mm pre-coated GSS and 0.6mm plain GSS inner skin. The panels shall be screwed from inside to the framework with soft rubber gasket in between to make the joints airtight.

Frame work for each section shall be joined together with soft rubber gasket in between to make the joints air tight. Suitable air tight access doors/panels with aluminium hinges and nylon locks shall be provided for access to various sections of the unit for regular maintenance. The entire housing shall be mounted on heavy duty aluminium / Galvanized Steel channel base.



## AIR HANDLING UNIT FAN

The fan shall be DIDW Centrifugal with Forward Curved Impeller driven by the drive motor through V-Belt Drive. The fan shall have certification from AMCA for air and sound. The wheel and housing shall be fabricated from heavy gauge galvanized steel. The fan impeller shall be mounted on EN8 or C-40 carbon steel solid shaft supported to housing and heavy duty ball bearings. The impeller and fan shaft shall be statically and dynamically trim balanced to ISO 1940 quality grade after assembly.

The fan outlet velocity shall not be more than 10.2 m/sec. Fan housing with motor shall be mounted on common extruded aluminium / hot dip Galvanized Steelcase mounted inside the air handling housing on anti-vibration mounts. The fan outlet shall be connected to casing with the help of fire retardant fabric, mounted on aluminum extruded channels, acting as a flexible connection for anti-vibration.

## COOLING COILS

The cooling coil shall be multi-row type with seamless copper tubes having 12.5 mm to 15 mm outer diameter with wall thickness of 27SWG. The coil shall have continuous anti-corrosive blue-coated 0.16 mm thick aluminium plate fins. The fins shall be spaced by collars forming integral part of the fins and the fins should be firmly bonded to copper tubes by mechanical expansion.

Face velocity of air across the coil shall not exceed 2.54 Meters per second.

Fin spacing shall be 11 to 13 fins per inch (4 to 5 fins per cm). Tubes shall be mechanically expanded for maximum thermal contact with fins.

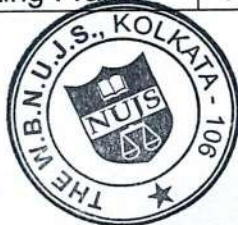
The Cooling Coil shall be Direct Expansion Type. Each section of the Cooling Coil shall be provided with suitable distributor and orifice plate.

The coil shall be pitched in the unit casing for proper drainage. The condensate drain tray complete with drain connection for proper drainage shall be constructed out of 22G stainless steel with welded joints. The SS drain pan shall have multiple slopes to ensure no stagnancy of water (zero water retention).

## FILTERS

Combination of Pre filter and Fine filters— Each unit shall have filter section with pre-filters and fine filters mounted on common frame with the following technical specifications.

a)	Mounting Frame	:	Galvanized Steel.
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b)	Type	:	Box type Pre Filter and Flanged Type Fine filter
c)	Filter Frame	:	GSS / Anodized Aluminium
d)	Media	:	Non-woven synthetic supported by HDPE mesh Washable Type
e)	Sealing of Media	:	Epoxy
f)	Efficiency	:	G-4 - 90% down to 10 micron particle size as pre and F6 Fine filters of 95% down to 5 microns

## MOTOR AND DRIVE

Fan motors shall be EFF1 rated suitable for  $415 \pm 10\%$  volts,  $50 \pm 5\%$  Hz, 3 phase power supply, squirrel-cage, totally enclosed fan cooled with class F insulation and IP-54 protection. Motor shall be especially designed for quiet operation and motor speed shall not exceed 1440 RPM. Drive to fan shall be through V-Belt and Pulleys. The motor rating shall be at least 15% more than shaft load (kW) of fan.

## OTHER ACCESSORIES

Each unit must have safety features as under:

- The fan access door shall be equipped with port hole window and micro-switch inter locked with fan motor to ensure switching off the fan motor automatically in the event of door opening.
- The air handling units shall be equipped with weather proof marine light for proper illumination inside fan section.
- Fan and motor base shall be properly earthed.
- All screws used for panel fixing and projecting inside the unit shall be covered with PVC caps to avoid human injury.

## PERFORMANCE DATA

The Air Handling Unit shall be selected for the lowest operating noise level of the equipment. Fan performance rating and power consumption data with operation points clearly indicating shall be submitted and verified at the time of testing commissioning of the installation.



## PERFORMANCE TESTING

Cooling capacity of air handling unit shall be computed from the measurements of air flow and dry and wet bulb temperatures of air entering and leaving the coil. Flow measurements shall be by Hot Wire anemometer and temperature measurements by accurately calibrated mercury in glass thermometers. Computed results shall conform to the specified capacities and quoted ratings. Power consumption shall be computed from measurements of incoming voltage and input current.

## LIMITATIONS

- a) The filter velocity at face of filter shall not be more than 2.54Mtr./Sec
- b) The coil face velocity not be more than 2.54Mtr/Sec.
- c) The Outlet velocity at fan outlet shall be not more than 10.2Mtr/Sec.







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### AIR –COOLED OUTDOOR CONDENSING UNIT- VRV/VRF

The outdoor unit shall be factory assembled, in weather proof casing constructed from heavy gauge mild steel panels with powder coated finish.

VRF/VRV ac system with inverter scroll compressor (all the compressor of outdoor units and connected to the respective air handling units indoor units as outlined in technical specification or drawing of the following capacities. The outdoor unit shall comprise of a minimum of 2 compressors beyond 12 Hp, air-cooled condenser with fan, interconnecting refrigerant piping with necessary oil and refrigerant bypass lines if required, accumulator, purge valves, necessary controls for the unit to operate depending on the system load required at different times, safety controls to protect the system from high discharge pressure, low suction pressure, low oil pressure, high motor winding temperature and any other safeties. Unit should be capable to operate at a voltage range of 360V-440V, 50 Hz. VRF/VRV-X, Top Discharge, Cooling Only outdoor units equipped with highly energy efficient Scroll Compressors with all inverter compressor(s) with variable refrigerant temperature, having compressor motor of 6 pole, special designed four faces heat exchanger, ODU dB level less than 65 at a distance 1 Meter, centrifugal fan for condenser, ODU having front suction & top discharge, Y-branch as required, outdoor unit support, auto check function for connection error, auto address setting, refrigerant cooled PCB circuit at ODU and capacity as mentioned below. VRF/VRV System shall be suitable for working on 50 °C ambient temperature, Refrigerant R 410A. Compressor must be of OEM make. The unit price shall be inclusive of full charge of Refrigerant Gas & Oil, Freight, Insurance, all Taxes & Duties etc. as applicable In INR.

The compressor shall be Hermetically Sealed Scroll Compressor with R410A Refrigerant.





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### REFRIGERATION PIPING

The Refrigeration pipe material shall be of hard drawn seamless copper tubes with thickness of 20SWG (0.914mm).

Refrigerant Piping Fittings shall be of Forged copper fittings.

Refrigerant piping shall be laid in accordance with good engineering practice as applicable to the air-conditioning industry, and shall include charging connections, necessary insulation and all other standard items normally forming part of proper refrigerant circuits.

Before joining any copper pipe or fittings, the internals shall be thoroughly cleaned of any dirt, dust, grease etc. by passing a clean cloth via wire or cable through its entire length. The piping shall be continuously kept clean while installation work is being carried out. Finally it shall be thoroughly blown out using nitrogen gas.

After completion of installation of the refrigerant piping, the refrigerant piping system shall be pressure tested for 24Hours, using Dry nitrogen gas at pressure as specified by OEM (Original Equipment Manufacturer).

All refrigerant pipes shall be laid on Perforated tray / STANDARD SUPPORT MATERIAL, properly supported and anchored to the building/ structure using steel hangers, fastener, brackets and supports.

Refrigeration Piping shall be duly insulated as specified separately under "INSULATIONS"







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## INSULATIONS

### 1. Refrigerant piping specifications

Insulation material shall be Closed Cell Elastomeric Nitrile Butadiene Rubber. Density of Material shall be STANDARDS AS PER OEM APPROVED. Thermal conductivity of elastomeric nitrile rubber shall not exceed 0.035 W/mK at mean temperature of 0°C The insulation shall have fire performance such that it passes Class 'O' as per BS 476 Part 6 for Fire Propagation and Class 1 as per BS 476 Part 7 for surface spread of flame. Moisture Diffusion Resistance Factor or 'μ' value should be minimum 7000. For pipe dia. up to 3 inches, tube insulation should be used. For pipe dia. 4 inches & above, sheet insulation should be used.

Thickness of the insulation shall be as specified for the individual application. All pipe shall be insulated in the manner specified herein. Before applying insulation, all pipes shall be brushed and cleaned. All Pipe surfaces shall be free from dirt, dust, mortar, grease, oil, etc. Nitrile Rubber insulation shall be applied as follows:

Wherever flat sheets shall be used it shall be cut out in correct dimension.

All longitudinal and transverse joints shall be sealed as per manufacturer recommendations.

The insulation shall be continuous over the entire run of piping, fittings and valves.

All valves, fittings, joints, strainers, etc. shall be insulated to the same thickness as specified for the main run of piping and application shall be same as above. Valves bonnet, yokes and spindles shall be insulated in such a manner as not to cause damage to insulation when the valve is used or serviced.

The detailed application specifications are as mentioned separately. The manufacturer's trained installer should only be used for installation.

## ELECTRICALS

### CONTROL WIRING

Control cables shall be 1100 volts grades FRLS as per IS 1554 made from copper conductor of 1.0 Sq. mm FLEXIBLE PVC insulated





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## LIST OF APPROVED MAKES–HVAC WORKS

Tenderers should base their offer on the following makes only

TO ENSURE PROPER WORKMANSHIP, THE CONTRACTOR SHALL OBTAIN PRIOR APPROVAL OF THE SUB-CONTRACTORS FOR PIPING, INSULATION WORK.

	VRF/VRV Air-conditioning System	Approved Make List
1	Outdoor Units - R410A (Cooling Only)	HITACHI/DAIKIN/OG/ PANASONIC/CARRIER
2	DX- AHUS	EDGE TECH / ZECO
3	Y-joints/refnet	HITACHI/DAIKIN/OG/ PANASONIC/CARRIER
4	R410 A gas	floron / Stallion / As per OEM Standard
5	Copper Refrigerant Piping	Rajco / OEM Approve make
6	Pipe Insulation	Armacell / OEM Approve make
7	Drain Piping:	ASHIRVAD / SUPREME / OEM STANDARD
8	Control -Transmission Wiring	Polycab / RR Kabel / OEM STANDARD







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Annexure -II

## BILL OF QUANTITIES

ALL EQUIPMENT & ACCESSORIES SHALL BE OFFERED IN LINE WITH TECHNICAL SPECIFICATION

SL. NO	DESCRIPTION OF ITEM	UNIT	QTY	UNIT RATE (RS)	TOTAL AMOUNT (RS)
1	Supply of VRV/VRF ac system with inverter scroll compressor (all the compressor of outdoor units and connected to the respective air handling units indoor units as outlined in technical specification or drawing of the following capacities. The outdoor unit shall comprise of a minimum of 2 compressors beyond 12 hp, air-cooled condenser with fan, interconnecting refrigerant piping with necessary oil and refrigerant bypass lines if required, accumulator, purge valves, necessary controls for the unit to operate depending on the system load required at different times, safety controls to protect the system from high discharge pressure, low suction pressure, low oil pressure, high motor winding temperature and any other safeties. Unit should be capable to operate at a voltage range of 360V-440V, 50 Hz.				
Sec A	Supply of Modular type VRV-X/VRF, Top Discharge, Cooling Only outdoor units equipped with highly energy efficient Scroll Compressors with all inverter compressor(s) with variable refrigerant temperature VRF/VRT SMART, having compressor motor of 6 pole, special designed four faces heat exchanger, ODU dB level less than 65 at a distance 1 Meter, centrifugal fan for condenser, ODU having front suction & top discharge, Y-branch as required, outdoor unit support, auto check function for connection error, auto address setting, refrigerant cooled PCB circuit at ODU and capacity as mentioned below. VRV/VRF System shall be suitable for working on 50 °C ambient temperature, Refrigerant R 410A. Compressor must be of OEM make. The unit price shall be inclusive of full charge of Refrigerant Gas & Oil, Freight, Insurance, all Taxes & Duties etc. as applicable In INR.				
1a	50HP ( Make : Daikin / Panasonic / OG/ CARRIER/HITACHI)	Set	2		
1b	40HP ( Make : Daikin / Panasonic /OG/ CARRIER/HITACHI)	Set	2		





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2	Supply of double skin air handling unit with blower, motor, drive set, Dx cooling coil (6 Row deep), drain pan, filters, vibration isolators and other accessories as required to complete the installation. The price shall include any soft copper connection from the main hard drawn pipe to the unit cooling coil. The expansion valve and refrigerant isolation valves at inlate and outlet of the AHU to be considered along with the AHU prices of the following capacities.				
2a	40 TR (15000 CFM, 50 mm SPWG, 6 Row deep cooling coil) Floor mounted	no.	2		
2b	32 TR (12000 CFM, 50 mm SPWG, 6 Row deep cooling coil) Floor mounted	no.	2		
	( Make : VRV / VRF same make preference / Zeco/ Edgetech)				
3	AHU Connection kit				
3a	50HP ODU	No	2		
3b	40HP ODU	No	2		
Total For Equipment Part					
Add GST @28%					Extra
Sec B					
4	Installation, testing and commissioning of VRF/VRV ac system with inverter scroll compressor (all the compressor of outdoor units and connected to the respective air handling units indoor units as outlined in technical specification or drawing of the following capacities. The outdoor unit shall comprise of a minimum of 2 compressors beyond 12 hp, air-cooled condenser with fan, interconnecting refrigerant piping with necessary oil and refrigerant bypass lines if required, accumulator, purge valves, necessary controls for the unit to operate depending on the system load required at different times, safety controls to protect the system from high discharge pressure, low suction pressure ,low oil pressure, high motor winding temperature and any other safeties. Unit should be capable to operate at a voltage range of 360V-440V,50 Hz.				







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4a	50HP	Set	2		
4b	40HP	Set	2		
5	Installation, testing and commissioning of double skin air handling unit with blower, motor, drive set, Dx cooling coil (6 Row deep), drain pan, filters, vibration isolators and other accessories as required to complete the installation. The price shall include any soft copper connection from the main hard drawn pipe to the unit cooling coil. The expansion valve and refrigerant isolation valves at inlate and outlet of the AHU to be considered along with the AHU prices of the following capacities.				
5a	40 TR (15000 CFM, 50 mm SPWG, 6 Row deep cooling coil) Floor mounted	no.	2		
5b	32 TR (12000 CFM, 50 mm SPWG, 6 Row deep cooling coil) Floor mounted	no.	2		
6	Copper Refrigerant Piping with Insulation:				
	Supply ,Installation, Testing & Commissioning of Copper Refrigerant piping for VRV/VRF system complete with fittings, supports, joining, insulation with nitrile rubber, commissioning as per specifications , all accessories as per specifications any other item required to make the system complete. Nominal dia in mm OD.	Lot.	1		
7	SITC of flexible canvass connection for air handling unit	no.	4		
8	Communication Cabling between IDUS and The ODUS.	Lot	1		
9	Commissioning of VRV/VRF system including topping R410A gas as per site requirements. Refrigerant shall be environmental friendly R410A.	HP	180		





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10	Starter panel for AHUs & VRV/VRF ODU	No	4		
11	Power cabling- Copper 10Sqmm.	Mtr.	180		
12	Dismantle of Old AHUs and Package AC ODUs (only Auditorium and Library)	Lot	1		
<b>Total For installation part :</b>					
Add GST @18%					Extra

Sec- C	<b>Buy Back Price - as a scrap</b>				
	<b>for Library</b>				
	12000cfm/30TR - 2 nos AHUS	Lot	1		
	7.5 TR x 4nos of each AHUs circuit				
	with all ref pipe and accessories				
	<b>for Auditorium</b>				
	15000cfm/37.5TR - 2nos AHUS	Lot	1		
	7.5 TR x 5nos of each AHUs circuit				
	with all ref pipe and accessories				
<b>Total Buy Back Offer Price</b>					

(Signature of the Authorized Person with Organization Seal)

Designation with Contact No:

Company Name:







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### ANNEXURE- III

#### FORMAT OF 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 letter head of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer].

#### Tender Ref.No with Date:

To

The Vice-Chancellor

The West Bengal National University of Juridical Sciences

"Dr. Ambedkar Bhavan"

12, LB Block, Sector-III, Salt Lake City, Kolkata- 700 106

Dear Sir,

We \_\_\_\_\_ who are established and reputable  
Manufacturers of \_\_\_\_\_ having factories/office at

\_\_\_\_\_ (address of factory/office) do  
hereby certify that \_\_\_\_\_  
(Name of the Authorized Dealer) is our authorized dealer to quote against your tender enquiry  
no \_\_\_\_\_ dated \_\_\_\_\_.

We hereby extend our full guarantee and warranty in accordance with the General Conditions of Contract, with respect to the Goods / Services offered by the above authorized company.

Yours faithfully,

Name of the Signatory:

Contact Number

Name of Manufacturer

Seal and Signature





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### ANNEXURE- IV

#### PAST EXPERIENCE (LIST OF GOVT. ORGANIZATION/DEPARTMENT)

List of Government Organizations/ Private Organisations for whom the Bidder has undertaken such work during last three years (must be supported with supply orders)			
Name of the organization	Name of Contact Person/ User with Designation	Year of Supply/ Installation	Contact No.

(Signature of the Authorized Person with Organization Seal)

Designation with Contact No:

Company Name:







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**ANNEXURE- V**

**PERFORMANCE SECURITY FORM**  
(MODEL BANK GUARANTEE FORMAT FOR PERFORMANCE SECURITY)

To

The Vice-Chancellor  
The West Bengal National University of Juridical Sciences  
"Dr. Ambedkar Bhavan"  
12, LB Block, Sector-III, Salt Lake City, Kolkata- 700 106

WHEREAS ..... (Name and address of the supplier) (Hereinafter called "the supplier") has undertaken, in pursuance of contract no. .... dated .....to supplies (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 vendor, 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 vendor 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 vendor 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.

**FOR Vendor**

Signature .....

Name.....

Designation .....

**FOR PURCHASER**

Signature .....

Name.....

Designation .....





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Date .....

Date .....

## ANNEXURE- VI

### BIDDER INFORMATION FORM

(TO BE PRINTED ON ORGANIZATION LETTER HEAD)

Company Name : \_\_\_\_\_  
Registration Number : \_\_\_\_\_  
Registered Address : \_\_\_\_\_

Name of Partners /Director : \_\_\_\_\_  
City : \_\_\_\_\_  
Postal Code : \_\_\_\_\_  
Company's Establishment Year : \_\_\_\_\_  
Company's Nature of Business : \_\_\_\_\_

Company's Legal Status (tick on appropriate option )  
1) Limited Company;  
2) Undertaking; 3) Joint Venture; 4) Partnership  
5) Others (In case of others please specify)

Company Category  
1) Micro Unit as per MSME  
2) Small Unit as per MSME  
3) Medium Unit as per MSME  
4) Ancillary Unit; 5) SSI  
6) Others (In case of others please specify)

### CONTACT DETAILS

Contact Name : \_\_\_\_\_  
Email Id : \_\_\_\_\_  
Designation : \_\_\_\_\_  
Phone No : \_\_\_\_\_  
Mobile No : \_\_\_\_\_

### BANK DETAILS

Name of Beneficiary : \_\_\_\_\_  
A/c No. CC/CD/SB/OD : \_\_\_\_\_  
Name of Bank : \_\_\_\_\_  
IFSC No. (Bank) : \_\_\_\_\_  
Branch Address and Branch Code : \_\_\_\_\_

### OTHER DETAILS

Vendor's PAN No. : \_\_\_\_\_







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Vendor's GST

:

(Signature of the Authorized Person with Organization Seal)

Designation with Contact No:

Company Name:

### ANNEXURE- VII

#### DECLARATION REGARDING CLEAN TRACK/NO LEGAL ACTION (to be provided on letter head of the firm)

I hereby certify that the above firm namely \_\_\_\_\_ is neither blacklisted by any Central/ State Government/ Public Undertaking/ University nor any criminal case registered / pending against the firm or its owner / partners anywhere in India (or) against any of its branches (or) partners abroad.

I also certify that the above information is true and correct in any every respect and in any case at a later date it is found that any details provided above are incorrect, any contract given to the above firm may be summarily terminated and the firm blacklisted.

(Signature of the Authorized Person with Organization Seal)

Designation with Contact No:

Company Name:





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**ANNEXURE- VIII**

**ACCEPTANCE OF TENDER**

(TO BE PRINTED ON ORGANIZATION LETTER HEAD)

**Tender Ref.No with Date:**

To  
The Vice-Chancellor  
The West Bengal National University of Juridical Sciences  
"Dr. Ambedkar Bhavan"  
12, LB Block, Sector-III, Salt Lake City, Kolkata- 700 106

I/ We \_\_\_\_\_ (name and designation of the bidder) on behalf of \_\_\_\_\_ (name of the organization/company) have downloaded / obtained the tender document(s) for the above mentioned 'Tender from the University website (\_\_\_\_\_). I/ We hereby certify that I/ we have read the entire terms and conditions of the tender documents from Page No. \_\_\_\_\_ to \_\_\_\_\_ (including all documents like annexure(s), schedule(s), specification terms and condition etc.), which form part of the contract agreement and I/ we shall abide hereby by the terms / conditions / clauses contained therein. The corrigendum(s) issued from time to time by your organization have also been taken into consideration, while submitting this acceptance letter.

I/ We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety. I/ We do hereby declare that our organization/company has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking. I/ We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract.

**(Signature of the Authorized Person with Organization Seal)**

**Designation with Contact No:**

**Company Name:**







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Phone: (033) 2335 7397/ 0510/ 2811, 2569 4700 to 30 <> Fax: (033) 2335 7422/ 0511

E-mail: ao@nujs.edu <> Website: www.nujs.edu

### ANNEXURE- IX

#### FORM OF BID-SECURING DECLARATION (To be printed on Organization Letter Head)

To

The Chairman, Purchase Committee  
The West Bengal National University of Juridical Sciences  
"Dr. Ambedkar Bhavan"  
12, LB Block, Sector-III, Salt Lake City, Kolkata- 700 106

Ref: Tender Document No.

Dated \_\_\_\_\_

I/We, the undersigned hereby certify that if we withdraw or modify our Bid during the period of validity, or if we are awarded the contract and fail to sign the contract, or we fail to submit a performance security before the deadline defined in this tender document, we will be suspended for the period of **Three (3) years** from being eligible to submit Bids for contracts for which tenders are floated by the University.

Dated this \_\_\_\_\_ day of \_\_\_\_\_

For and on behalf of M/s. \_\_\_\_\_

Address: \_\_\_\_\_

Signature with Stamps \_\_\_\_\_





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## ANNEXURE- X

### CHECK LIST

PARTICULAR	BIDDER REMARKS
Name and address of the Bidder/Organization with Contact no and Email ID :	
Name and address of the foreign principal with Contact no and Email ID:	
Name and address of the company to whom order to be placed:	
Period Standard Warranty Offered:	
Whether comply to submit the Performance security.	
Whether the bidder comply to deliver and install the equipment/ instrument as per tender:	
Whether the bidder agreed to provide the after sale service during the warranty period as per the requirement of the University:	
Whether the bidder quoted all the items/ component of the equipments as per the tender Specification:	
Whether the bidder uploaded the detailed technical specification/technical offer/ technical quotation of the item/equipment's:	
Whether the bidder uploaded the signed copy of all annexure including the check list:	
HSN/SAC code of the quoted item/equipment:	
Whether the item/equipment is duty free (upload proper documents / declaration in case of duty-free item):	
Whether the bidder uploaded all documents showing the technical eligibility and financial credibility:	
Whether the bidder agreed to provide clarification during the evaluation process of the tender:	
Whether uploaded the Authorization Certificate from the	







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Principal/Manufacturer with contact information:	
Price bid should be submitted in excel format as per BOQ	

- Mention "NA" if not applicable

(Signature of the Authorized Person with Organization Seal)

Designation with Contact No:

Company Name:

