

# DIAMOND HARBOUR WOMEN'S UNIVERSITY

## NOTICE INVITING e-TENDER

Online Tenders are invited for Delivery of consumable items for SERB funded research project in Zoology Laboratory (Principal investigator – Dr. Shantanabha Das). The works includes Delivery and Installation of Laboratory instruments in Department of Zoology of Diamond Harbour Women's University.

Reputed suppliers/ vendors / bidders having sufficient experience and credentials for successful completion of "Similar Nature" of work in a Government Department/PSU/Autonomous Body/University or any reputed organization. Bidder must have adequate Service Personnel for providing on-site warranty service within the stipulated time.

1	Tender No. & Date	E-NIT/Zoo/37/DHWU/2022 dated 21.10.2022
2	Brief description of Job	Delivery of consumable items for SERB funded research project in Zoology Laboratory (Principal investigator – Dr. Shantanabha Das)
3	Tender Fee	NIL
4	Earnest Money Deposit	<b>Rs. 5000/- (Rupees Five Thousand only).</b> The amount is to be paid in the <b>Diamond Harbour Women's University, SERB (Zoo-SD) Project A/C, A/C No. 1675104000097097, IDBI Bank, Sarisha Branch, IFSC: IBKL0001675, MICR: 700259039 through online mode.</b>
5	Date of Downloading / Sale of Tender 21.10.2022document	21.10.2022 from 5.00 pm
6	Bid Submission Start date & time	21.10.2022 from 5.00 pm
7	Last date & time of EMD submission (online)	05.11.2022at 12.30 pm
8	Last date & time of Bid Submission	05.11.2022at 12.30 pm
9	Date & time of Technical Bid Opening	07.11.2022 at 12.30 pm
10	Contact	9875485152

1. Intending bidder may download the tender documents from the website <https://wbtenders.gov.in> directly with the help of Digital Signature Certificate. Cost of Earnest Money Deposit (EMD) may be remitted through online mode from any Scheduled Bank in favour of **Diamond Harbour Women's University, SERB (Zoo-SD) Project A/C, A/C No. 1675104000097097, IDBI Bank, Sarisha Branch, IFSC: IBKL0001675, MICR: 700259039** and also to be documented through e-filling. Proof of Transaction details must be submitted. In this E-NIT tender fee is not required but EMD is required. Intending bidder may also download the tender documents from the website of the University [www.dhwu.ac.in](http://www.dhwu.ac.in).
2. Both Techno Commercial Bid and Financial Bid are to be submitted concurrently duly digitally signed in the website <https://wbtenders.gov.in>
3. Tender documents may be downloaded from website and submission of Techno Commercial Bid and Financial Bid will be done as per Time Schedule stated in Section – C of this Tender Document.
4. The Financial Bid of the prospective Bidder will be considered only if the Techno Commercial Bid of the bidder is found qualified by the Tender Committee. The decision of the 'Tender Committee' will be final and absolute in this respect. The list of Qualified Bidders will be displayed in the website.

## **CONTENTS OF THE TENDER DOCUMENT**

The Tender document comprises of the following:

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SECTION – B	ELIGIBILITY CRITERIA
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SECTION – D	INSTRUCTION TO BIDDER
SECTION – E	BID FORM
SECTION – F	TECHNO COMMERCIAL EVALUATION & AWARDDING OF CONTRACT
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SECTION – K	CAPABILITY OF BIDDER
SECTION – L	BIDDER’S DETAILS
SECTION – M	MANUFACTURER’S AUTHORIZATION FORM
SECTION – N	PRE-BID MEETING QUERY
SECTION – O	LIST OF CLIENTS OF SIMILAR ORDERS
SECTION – P	PROFORMA FOR PERFORMANCE BANK
SECTION – Q	GUARANTEE NIT DECLARATION

## SECTION – A

### SCOPE OF WORK & RESPONSIBILITY

For vendors / bidders:

- 1) **Supply:** Entrusted bidder must supply and work as per work order. All supplies must be certified. Supplied components must satisfy the specifications and guidelines, as applicable. Bidder is allowed to propose only one make / model per system or software or items required for the proposed solution. Bids with optional offers would be summarily rejected.
- 2) **Installation, Integration & Implementation:** Delivery & Installation will be governed by the stated guidelines and associated standards & in line with the scope of work defined in this document. The delivery / supply of the materials done by successful Bidder at respective location only. The Post installation warranty supports are the sole responsibility of the Original Equipment Manufacture (OEM) and /or bidder.
- 3) **Service Quality and Assurance:** Services within installation, warranty period must be rendered with OEM for hardware.
- 4) **Warranty:** All hardware component service items should have minimum warranty period of period i.e. 12 months from the date of final acceptance of the system by the user. Within warranty period, entrusted OEM will replace, re-integrate faulty, buggy components.
- 5) **Delivery:** All materials are to be delivered at office of the Diamond Harbour Women's University. After necessary checking, testing, marking of the all materials under supervision of DHWU. Successful bidder will take necessary step to transport the material at installation site and take up the installation there at their own cost.
- 6) **Warranty Certificate:** On successful installation bidder to get installed equipments with actual serial no. duly certified by respective OEM for minimum one year warranty coverage. Any change in equipment serial no. should be reflected in OEM website or OEM declaration in their Letter head. Final Bills will be submitted after completion of this activity.

## SECTION – B

### ELIGIBILITY CRITERIA

1. The bidder must be a company registered under Companies Act, 1956/2013 or Partnership or LLP or OPC or Proprietary Firm. Documentary (Certificate of incorporation/Relevant document) evidence to be submitted.
2. The bidder should have their presence in Kolkata with own office. Valid proof should be submitted along with the bid.
3. The bidder should have valid GST Registration Certificate, PAN & Trade License. Bidder shall have to submit photocopy of the documents.
4. The bidder shall have executed “Similar Nature” of single order.
5. Bidder should submit Earnest Money Deposit (EMD) of Rs. 5000.00(Rupees Five Thousand Only) **Diamond Harbour Women’s University, SERB (Zoo-SD) Project A/C, A/C No. 1675104000097097, IDBI Bank, Sarisha Branch, IFSC: IBKL0001675, MICR: 700259039 through online mode.**
6. Manufacturers tender specific authorizations for Zoology Laboratory Instruments must be submitted as per format enclosed (Section - M).
7. The bidder shall submit Bid Form (Section – E) duly signed by the authorized signatory of the company as per the format enclosed. Deviation in format may not be accepted.
8. The bidder shall not have been blacklisted by any University/State/Central Government or PSU Organization or bilateral/multilateral funding agencies for breach of ethical conduct or fraudulent practices as on date of submission of the proposal. **Declaration on bidder’s letter head to be submitted.**

**SECTION – C**

**DATE AND TIME SCHEDULE**

<b>Sl. No.</b>	<b>Particulars</b>	<b>Date &amp; Time</b>
1	Date of uploading of N.I.T. & other Documents (online) (Publishing Date)	21.10.2022 from 5.00 pm
2	Documents download / sale start date (Online)	21.10.2022 from 5.00 pm
3	Last Date and time of sending the queries (Offline)	02.11.2022 from 12.30 pm
4	Corrigendum, if any will be published (On Line)	NA
5	Bid Submission start date & time (Online)	21.10.2022 from 5.00 pm
6	Last Date & time of submission of original Demand Draft/Pay Order for cost of Earnest Money Deposit (online)	05.11.2022 from 12.30 pm
7	Bid Submission closing date & time (Online)	05.11.2022 from 12.30 pm
8	Bid opening date & time for Technical Proposals (Online)	07.11.2022 from 12.30 pm
9	Date for opening of Financial Bid (Online)	To be notified later

## SECTION – D

### INSTRUCTION TO BIDDER

#### 1. DEFINITIONS

In this document, the following terms shall have following respective meanings:

“Acceptance Test Document” means a document, which defines procedures for testing the functioning of installed system. The document will be finalized with the contractor within 7 days of issuance of the Letter of Award.

“Bidder” means any firm offering the solution(s), service(s) and /or materials required in the tender. The word Bidder when used in the pre award period shall be synonymous with Bidder, and when used after award of the Contract shall mean the successful Bidder.

“Contract” is used synonymously with Agreement.

“Contract Price” means the price to be paid to the Contractor for providing the Solution, in accordance with the payment terms.

“Contractor” means the Bidder whose bid to perform the Contract has been accepted by Tender Committee and is named as such in the Letter of Award.

“Default Notice” mean the written notice of Default of the Agreement issued by one Party to the other.

“Installation” means installation of Instruments of Zoology Laboratory of Diamond Harbour Women’s University.

“Fraudulent Practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a Contract and includes collusive practice among Bidders (prior to or after Bid submission) designed to establish Bid prices at artificial noncompetitive levels.

“Good Industry Practice” shall mean the exercise of that degree of skill, diligence and prudence which would reasonably and ordinarily be expected from a reasonably skilled and experienced Operator engaged in the same type of undertaking under the same or similar circumstances.

“GoI” shall stand for the Government of India.

“GoWB” means Government of West Bengal

“Personnel” means persons hired by the Bidder as employees and assigned to the performance of the Infrastructure Solution or any part thereof.

“Similar Nature of Work” means of Delivery of consumable items for SERB funded research project in Zoology Laboratory (Principal investigator – Dr. Shantanabha Das)

“Project” Delivery of consumable items for SERB funded research project in Zoology Laboratory (Principal investigator – Dr. Shantanabha Das).

“Services” means the work to be performed by the Bidder pursuant to this Contract, as described in the detailed Scope of Work.

“Interest rate” means “364 days Government of India (GoI) Treasury Bills” rate.

“Law” shall mean any Act, notification, bye law, rules and regulations, directive, ordinance, order or instruction having the force of law enacted or issued by the Central Government and/or the Government of West Bengal or any other Government or regulatory authority or political subdivision of government agency.

“LOI” means issuing of Letter of Intent shall constitute the intention of the DHWU to place the Purchase Order with the successful bidder.

“Operator” means the company providing the services under Agreement

“Requirements” shall mean and include schedules, details, description, statement of technical data, performance characteristics, standards (Indian as well as International) as applicable and specified in the Contract.

“Service” means provision of Contracted service viz., operation, maintenance and associated services for DEPLOYED SYSTEMS as per Section titled “Scope of Work”

“Termination Notice” means the written notice of termination of the Agreement issued by DHWU.

“Uptime” means the time period when specified services are available with specified technical and service standards as mentioned in section titled WARRANTY SUPPORT” “%Uptime” means ratio of 'up time' (in minutes) as mentioned in section titled “Warranty support”

"Service Down Time" (SDT) means the time period when specified services with specified technical and operational requirements as mentioned in section titled "WARRANTY SUPPORT" are not available to DHWU and its user departments and organizations.

"DHWU" means DIAMOND HARBOUR WOMEN'S UNIVERSITY.

## **2. COST OF BIDDING**

The bidder shall bear all costs associated with the preparation and submission of the bid and DHWU will no case be responsible for those costs regardless of the conduct or outcome of the bidding process.

## **3. BID DOCUMENT**

Bidder is expected to examine all instructions, forms, terms and requirement in the bid document. The invitation to bid together with all its attachment thereto shall be considered to be read, understood and accepted by the bidder unless deviations are specifically stated in the seriatim by the bidder. Failure to furnish all information required by the bid document or a bid not substantially responsive to the bid document in every respect may result of the bid.

## **4. AMENDMENT OF BID DOCUMENT**

At any time prior to the deadline for submission of proposals, DHWU reserves the right to add/modify/delete any portion of this document by issuance of an Corrigendum, which would be published on the website and will also be made available to the all the Bidder who have been issued the tender document. The Corrigendum shall be binding on all bidders and will form part of the bid documents.

## **5. MODIFICATION AND WITHDRAWAL OF BIDS**

As per the bidding process available in the tender.

## **6. LANGUAGE OF BID & CORRESPONDENCE**

The proposal will be prepared by the Bidder in English language only. All the documents relating to the proposal (including brochures) supplied by the firm should also be in English, and the correspondence between the Bidder & DHWU will be in English language only. The correspondence by fax/E-mail must be subsequently confirmed by a duly signed formal copy.

## **7. BIDDER'S SOLUTION**

The bidders are requested to study the Bill of Material supplied with this document carefully. While working out the soluti on the bidder has to work with the broad specification provided in the tender documents, conforming to the model, make and Part number (wherever provided). While submitting the bid the bidder has to detail out all components needed to complete the system BOM. The bidder is required quote for each item retaining all major components/sub system detailed and specified. As the contractor will be responsible for smooth functioning of the system, availability of spares during the tenure of the warranty period have to be taken care by the contractor to maintain the guaranteed uptime.

## **8. EARNEST MONEY DEPOSIT (EMD)**

The firm shall furnish an EMD of Rs. 5000.00/- (Rupees Five Thousand Only) in the form of online submission. Any bid not accompanied with the EMD shall be rejected.

## **9. FORFEITURE OF EMD**

EMD made by Bidder may be forfeited under the following conditions: If Bidder withdraws the proposal before the expiry of validity period.

During the evaluation process, if a Bidder indulges in any such activity as would jeopardize the process, the decision of DHWU regarding forfeiture of EMD shall be final and shall not be called upon question under any circumstances.

If Bidder violates any of the provisions of the terms and conditions of the proposal. In the case of a successful Bidder, if Bidder fails to:

- a) Accept the work order along with the terms and conditions.
- b) Furnish performance security.
- c) Violates any of the work conditions of this proposal or indulges in any such activities as would jeopardize the work.
- d) Submitting false/misleading information/declaration/documents/proof/etc.

The decision of DHWU regarding forfeiture of EMD shall be final and shall not be called upon to question under any circumstances, besides, forfeiture of EMD even the Bidder will be deferred from participating in any job for a period of one year.

## **10. FORMS AND FORMATS**

The various inputs for the Techno Commercial and Financial Bids are to be submitted in the format specified. The bidder shall use the form, wherever specified, to provide relevant information. If form does not provide space for any required information, space at the end of the form or additional sheets shall be used to convey the said information. For all other cases, the bidder shall design a form to hold the required information.

## **11. LACK OF INFORMATION TO BIDDER**

The bidder shall be deemed to have carefully examined the Bid document to his entire satisfaction. Any lack of information shall not relieve the bidder of his responsibility to fulfill his obligation under the bid.

## **12. CONTRACT EXECUTION**

On receipt of the Letter of Award/Purchase Order the contractor should submit a Performance Bank Guarantee (PBG) equivalent to 10% of the total contract value within three weeks from the date of receipt of Letter of Award/Purchase Order. The PBG should be valid for six month more than the warranty period. All delivery of the material will have to be completed within 30 days from the date of acceptance of contract and the contractor has to ensure all activities leading to the commissioning of the contract to be completed within 45 days from the date of award. Subsequent to the award of contract, the contractor will have to arrange for the requisite material as per BOM.

## **13. TIME SCHEDULE FOR DELIVERY & INSTALLATION**

All delivery & Installation of the material will have to be completed within 4-6 weeks from the date of Order.

## **15. LOCATION OF DELIVER & INSTALLATION**

The office of Diamond Harbour Women's University, Sarisha, Diamond Harbour Road, 24 Pgs (S), 743368

## **16. LIQUIDATED DAMAGE / PENALTY**

The job includes the supply and installation of materials mentioned in the tender document. In the event of failure to meet the job completion in stipulated date/time liquidated damage may be imposed on the contractor for sum not less than 0.5% of the contract value for that item/job for each week or part thereof, subject to a ceiling of 10% of the total contract value (excluding all taxes & duties and other charges). In the event of LD exceeds 10% of the order value, DHWU reserves the right to terminate the contract and DHWU will get the job completed by any other competent party. The difference of cost incurred by DHWU will be recovered from the contractor and PBG will be invoked.

## **17. LIABILITY**

In case of a default on bidder's part or other liability, DHWU shall be entitled to recover damages from the Contractor. In each such instance, regardless of the basis on which DHWU is entitled to claim damages from the Contractor (including fundamental breach, negligence, misrepresentation, or other contract or tort claim), Contractor shall be liable for no more than:

- Payment referred to in the Patents and Copyrights clause.
- Liability for bodily injury (including death) or damage to real property and tangible personal property limited to that cause by the Contractor's negligence.
- As to any other actual damage arising in any situation involving non-performance by Contractor pursuant to or in any way related to the subject of this Agreement, the charge paid by DHWU for the individual product or Service that is the subject of the Claim. However, the contractor shall not be liable for
- For any indirect, consequential loss or damage, lost profits, third party loss or damage to property or loss of or damage to data.

For any direct loss or damage that exceeds the total payment for Contract Price made or expected to be made to the Contractor hereunder.

## **18. PATENTS & COPYRIGHT**

If a third party claims that a product delivered by the Contractor to DHWU infringes that party's patent or copyright, the Contractor shall defend DHWU against that claim at Contractor's expense and pay all costs, damages, and attorney's fees that a court finally awards or that are included in a settlement approved by the Contractor, provided that DHWU.

- Promptly notifies Contractor in writing of the claim
- Allows Contractor to control and co-operate with Contractor in the defense and any related settlement negotiations.

Remedies: If such a claim is made or appears likely to be made, DHWU would permit Contractor to enable DHWU to continue to use the product, or to modify it, or replace it with one that is at least functionally equivalent. If Contractor determines that none of these alternatives is reasonably available, DHWU agrees to return the product to Contractor on Contractor's written request. Contractor will then give DHWU a credit equal to for a machine. DHWU's net book value (provided DHWU has followed generally accepted accounting principles for a generally available software product produced by Contractor (Program) the amount paid by DHWU or 12 months charges (which ever is lesser) and for materials the amount paid by DHWU for the materials. These will be Contractor's entire obligation regarding any claim of infringement.

## **19. SUSPENSION OF WORK**

DHWU shall have the power at any time and from time to time by notice to the Contractor to delay or suspend the progress of the work or any part of the work due to any other adequate reasons and on receipt of such notice the contractor shall forthwith suspend further progress of the work until further notice from DHWU. The Contractor shall recommence work immediately after receiving a notice to do so from DHWU. The whole or any part of the time lost for such delay or suspension shall, if DHWU in its absolute discretion thinks fit, but not otherwise, be added to the time allowed for completion.

## **20. TERMS OF PAYMENT**

Payment terms will be on back-to-back basis, i.e., payment will be made only on receipt of payment from relevant customer.

## **21. GOVERNING LAWS**

This contract should be governed by and interpreted by Arbitration clause in accordance with Laws in force in India. The courts at Diamond Harbour/Kolkata shall have exclusive jurisdiction in all matters arising under the contract. The selected vendor shall keep himself fully informed of all current national, state and municipal law and ordinances. The selected vendor shall at their own expense, obtain all necessary permits and license and pay all fees and taxes required by law. These will be selected vendor's entire obligation regarding any claim of infringement. The selected vendor hereto agrees that it shall comply with all applicable union, state and local laws, ordinances, regulations and codes in performing its obligations hereunder, including the procurement of licenses, permits certificates and payment of taxes where required. The selected vendor shall establish and maintain all proper records (particularly, but without limitation, accounting records) required by any law, code/practice of corporate policy applicable to it from time to time including records and returns as applicable under labor legislation.



## **22. CORRUPT OR FRAUDULENT**

The Tender Committee requires that the bidders under this Tender observe the highest standards of ethics during the procurement and execution of such contracts. For this purpose the definition of corrupt and fraudulent practices will follow the provisions of the relevant laws in force. The Tender Committee will reject a proposal for award if it detects that the bidder has engaged in corrupt or fraudulent practices in competing for the contract in question. The Tender Committee will declare a firm ineligible, either indefinitely or for a stated period of time, if it at any time determines that the firm has engaged in corrupt and fraudulent practices in competing for, or in executing, a contract.

## **23. BIDDING CLAUSE**

All decisions taken by the Tender Committee regarding the processing of this tender and award of contract shall be final and binding on all parties concerned.

The Tender Committee reserves the right:

- To vary, modify, revise, amend or change any of the terms and conditions mentioned above and,
- To reject any or all the Tender/s without assigning any reason whatsoever thereof or to annul the bidding process and reject all bids at any time prior to award of contract, without thereby incurring any liability to the affected bidder(s) or any obligation to inform the affected bidder(s) of the grounds for such decision.

## **24. WORKMEN'S COMPENSATION**

In every case in which by virtue of the provision of the workmen's compensation Act 1923 or any other relevant acts and rules, compensation to a workmen employed by the contractor, is payable, then this should be done by the Contractor. If DHWU is obliged to make any compensation under the said rules and acts, then the amount shall be recovered without prejudice, from the bills and due of the Contractor. DHWU shall not be bound to contest any claim made against the Contractor in respect of workmen's compensation.

## **25. CONTRACTOR'S EMPLOYEES**

The Contractor shall comply with the provision of all labour legislation including the requirement of the payment of Wage Act 1936 and the rules framed there under and modifications thereof in respect of men employed by him in carrying out the contract. The Contractor must ensure that he complies with PF, ESI regulation for all his deployed employees. The Contractor shall see that all authorized Sub Contractors under him similarly complied with the above requirement.

## **26. SAFETY MEASURES**

The Contractor shall in the course of execution of the work take all necessary precaution for the protection of all persons and property. The Contractor shall take adequate measures to protect the work and prevent accident during the work. In the event of any accident to any person or persons or damage or injury of any description to any person or property due to failure on the part of the contractor in taking proper precautionary measures the contractor shall be responsible for and must make good the loss the damage at his own cost to the satisfaction of University and employees of the University shall be indemnified from all claims or liabilities arising there from or any expenses incurred on account thereof.

## **27. EQUIPMENT**

All tools & tackles necessary for the work shall have to be procured by the contractor unless otherwise specified elsewhere in these tender documents. The equipment used by the contractor for a particular work must be appropriate for the type of work. The contractor shall maintain the equipment used on the work properly so that they are in good working condition. In no case shall the contractor use defective or imperfect equipment in the work. The contractor shall arrange to replace or repair all defective equipment so that the progress of the work is not hampered. No defective equipment should be left at the site of work and the University shall not be responsible for any loss or damage to any of these equipments during the course of the execution of the work.

## **28. SUB-CONTRACT**

The purchaser (DHWU) does not recognize the existence of Sub-Contractors. The Contractor's responsibility is not transferable.

## **29. TERMINATION FOR DEFAULT**

DHWU may without prejudice to any other remedy or right of claim for breach of contract by giving not less than 30 days written notice of default sent to the contractor, terminate the order in whole or in part. If the contractor materially fails to render any or all the services within the time period specified in the contract or any extension thereof granted by DHWU in writing and fails to remedy its failure within a period of Ten days after receipt of default notice from DHWU. If the project (delivery, commissioning as well as warranty maintenance support is not carried out according to specification due to deficiency in service as per terms of the contract. In such case DHWU will invoke the amount held back from the contractor as PBG.

## **30. BANKRUPTCY**

If the contractor becomes bankrupt or have a receiving order made against him or compound with his creditors or being a corporation commence to be wound up, not being a voluntary winding up for the purpose only or amalgamation or reconstruction, or carry on their business under a receiver for the benefit of their creditors or any of them, DHWU shall be at liberty to terminate the engagement forthwith without any notice in writing to the contractor or to the liquidator or receiver or to any person in whom the contractor may become vested and without any compensation to give such liquidator or receiver or other person the option of carrying out the engagement subject to their providing a guarantee for the due and faithful performance of the engagement up to an amount to be determined by DHWU.

## **31. FORCE MAJEURE**

It is hereby defined as any cause, which is beyond the control of the Contractor or DHWU as the case may be, which such party could not foresee or with a reasonable amount of diligence could not have foreseen and which substantially affect the performance of the contract, such as

- War, Hostilities or warlike operations (whether a state of war be declared or not), invasion, act of foreign enemy and civil war.
- Rebellion, revolution, insurrection, mutiny, usurpation of civil or military, government, conspiracy, riot, civil commotion and terrorist area.
- Confiscation, nationalization, mobilization, commandeering or requisition by or under the order of any government or de facto authority or ruler, or any other act or failure to act of any local state or national government authority.
- Strike, sabotage, lockout, embargo, import restriction, port congestion, lack of usual means of public transportation and communication, industrial dispute, shipwreck, shortage of power supply epidemics, quarantine and plague.
- Earthquake, landslide, volcanic activity, fire flood or inundation, tidal wave, typhoon or cyclone, hurricane, nuclear and pressure waves or other natural or physical disaster.

If either party is prevented, hindered or delayed from or in performing any of its obligations under the Contract by an event of Force Majeure, then it shall notify the other in writing of the occurrence of such event and the circumstances of the event of Force Majeure within fourteen days after the occurrence of such event. The party who has given such notice shall be excused from the performance or punctual performance of its obligations under the Contract for so long as the relevant event of Force Majeure continues and to the extent that such party's performance is prevented, hindered or delayed.

The party or parties affected by the event of Force Majeure shall use reasonable efforts to mitigate the effect of the event of Force Majeure upto its or their performance of the Contract and to fulfill its or their obligation under the Contract but without prejudice to either party's right to terminate the Contract.

No delay or nonperformance by either party to this Contract caused by the occurrence of any event of Force Majeure shall.

- Constitute a default or breach of the contract.
- Give rise to any claim from damages or additional cost or expense occurred by the delay or nonperformance. If, and to the extent, that such delay or nonperformance is caused by the occurrence of an event of Force Majeure.

### **32. INSURANCE COVERAGE**

Appropriate insurance to cover all solution components for the transit period and until the time of its acceptance at the respective site is to be taken by the contractor. As the contractor will carry the risk for the material in his books during transit, the contractor should arrange insurance for the total system as period from the dispatch till Acceptance Test is successfully achieved. Further the contractor is to take all required insurance coverage in respect of all its personnel who shall be working on this engagement.

### **33. WARRANTY**

The OEM on behalf of bidder will warranty that products supplied under the contract are newly made and are free from defects in the design, engineering and workmanship. The Contractor would be responsible for the up keep and maintenance of the necessary deliverables under the scope of work during the entire warranty period. Within warranty period, entrusted OEM will replace, re-integrate faulty, buggy components.. The Contractor/OEM shall not, without the express prior written consent of DHWU, assign to any third party of the contract or part thereof. Service support for the entire warranty period will be on site and comprehensive (including spares) and free of cost for the entire warranty period. Warranty will be invalid if the equipment is serviced by unauthorized personnel of misuse is detected.

### **34. WARRANTY SUPPORT**

The total system will be warranted against bad workmanship and manufacturing defects from the date of acceptance of the system whole or part. Service support for the entire warranty period will be on site.

### **35. PERFORMANCE BANK GUARANTEE (PBG)**

As a guarantee for timely delivery, installation and commissioning of equipment as well as performance of on-site warranty support, as mentioned in Bill of Material, from the date of final acceptance of systems/items and pertaining to proper running of the systems/items, the bidder will have to submit 10% of the contract value as security in the form of Performance Bank Guarantee from any nationalized bank as per format enclosed (Section – P).

### **36. CONTRACTOR'S RESPONSIBILITIES**

Refer Section – A (Scope of Work & Responsibility)

### **37. NO WAIVER OF RIGHTS**

Neither the inspection by DHWU or any of their agents nor any order by DHWU for payment of money or any payment for or acceptance of the whole or any part of the works by DHWU, nor any extension of time, nor any possession taken by DHWU shall operate as a waiver of any provision of the contract or of any power reserved to DHWU, or any right to damages here in provided, nor shall any waiver of any breach in the contract be held to be a waiver of any other subsequent breach.

### **38. GRAFTS, COMMISSIONS, GIFTS, ETC.**

It is the Purchaser's policy to require that bidders, suppliers, contractors and consultants under contracts, observe the highest standard of ethics during the procurement and execution of such contracts. Any graft, commission, gift or advantage given, promised or offered by or on behalf of the contractor or his partner, agent, officers, director, employee or servant or any one on his or their behalf in relation to the obtaining or to the execution of this or any other contract with DHWU shall in addition to any criminal liability which it may incur, subject the contractor to the cancellation of this and all other contracts and also to payment of any loss or damage to DHWU resulting from any cancellation. DHWU shall then be entitled to deduct the amount so payable from any monies otherwise due to the contractor under contract.

### **39. ENFORCEMENT OF TERMS**

The failure of either party to enforce at any time any of the provision of this contract or any rights in respect thereto or to exercise any option here in provided shall in no way be construed to be a waiver to such provisions, rights or options or in any way to affect the validity of the

contract. The exercise by either party of any of its rights herein shall not preclude or prejudice either party from exercising the same or any other right it may have hereunder.

#### **40. PERIOD OF VALIDITY OF OFFER**

For the purpose of placing the order, **the proposals shall remain valid till 25-01-2024. During the period of validity of proposals, the rates quoted shall not change, except the statutory rates.** In exceptional circumstances, DHWU may ask for extension of the period of validity and such a request shall be binding on Bidders. DHWU's request and the response to such a request by various Bidders shall be in writing. A Bidder agreeing to such an extension will not be permitted to increase its rates.

#### **41. TAXES & DUTIES**

- The prices shall be inclusive of all taxes & levies including GST and other statutory duties as applicable. Rate of taxes should be indicated separately in the Price Bid.
- Contract Price specified in Price Bid should be based on the taxes & duties and charges prevailing at the date one day prior to the last date of Bid submission.
- Bidder submitting a bid shall produce valid statutory documents / certificates with respect to GST, Income Tax, ROC, Prof. Tax, Trade License, etc. All such documents / certificates shall remain valid on the last date of tender submission.
- GST component of the invoice of the bidder may be kept on hold in case there is any mismatch / irregularity in GST return filing on the part of the bidder.

#### **42. DISCREPANCIES IN BID**

- Discrepancy between description in words and figures, the rate which corresponds to the words quoted by the bidder shall be taken as correct.
- Discrepancy in the amount quoted by the bidder due to calculation mistake of the unit rate then the unit rate shall be regarded as firm.
- Discrepancy in totaling or carry forward in the amount quoted by the bidder shall be corrected.

#### **43. BID DUE DATE**

The online tender has to be submitted not later than the due date and time specified in the Important Dates Sheet. DHWU may at its discretion on giving reasonable notice by fax, or any other written communication to all prospective bidders who have been issued the bid documents, extend the bid due date, in which case all rights and obligations of the DHWU and the bidders, previously subject to the bid due date, shall thereafter be subject to the new bid due date as extended.

#### **44. LATE BID**

Any proposal received by DHWU after the deadline for submission of proposals may not be accepted.

#### **45. OPENING OF BID BY DHWU**

Bids shall be opened and downloaded electronically through operation of the process in the e-Tender portal in presence of Tender Committee. Bidders interested to remain present during electronic bid opening may attend the bid opening session at DHWU premises at scheduled date & time.

#### **46. CONTACTING DHWU**

Bidder shall not approach DHWU officers beyond office hours and/or outside DHWU office premises from the time of the Bid opening to the time of finalization of successful bidder. Any effort by bidder to influence DHWU office in the decision on Bid evaluation, Bid comparison or finalization may result in rejection of the Bidder's offer. If the bidder wishes to bring additional information to the notice of DHWU, it should be in writing following the procedure mentioned hereinabove.

#### **47. DHWU'S RIGHT TO REJECT ANY OR ALL BIDS**

DHWU reserves the right to reject any bid and to annul the bidding process and reject all bids at any time prior to award of Contract, without thereby incurring any liability to the affected bidder(s) or any obligation to inform the affected bidder(s) of the grounds for such decision.

#### **48. BID CURRENCIES**

Prices shall be quoted in Indian Rupees, inclusive of all prevailing taxes, levies, duties, cess etc.

#### **49. PRICE**

- Price should be quoted in the BOQ format only. No deviation is acceptable.
- Price quoted should be firm, inclusive of packing, forwarding, insurance and freight charges.
- Percentage/specified amount of taxes & duties should be clearly mentioned otherwise DHWU reserves the right to reject such vague offer.
- Price to be quoted inclusive of supply, installation & commissioning charges.

#### **50. CANVASSING**

Canvassing or support in any form for the acceptance of any tender is strictly prohibited. Any bidder doing so will render him liable to penalties, which may include removal of this name from the register of approved Contractors.

#### **51. NON-TRANSFERABILITY OF TENDER**

This tender document is not transferable.

#### **52. FORMATS AND SIGNING OF BID**

The original and all copies of the proposals shall be neatly typed and shall be signed by an authorized signatory (ies) on behalf of the Bidder. The authorization shall be provided by written Power of Attorney accompanying the proposal. All pages of the proposal, except for un-amended printed literature, shall be initialed by the person or persons signing the proposal. The proposal shall contain no interlineations, erase or overwriting. In order to correct errors made by the Bidder, all corrections shall be done & initialed with date by the authorized signatory after striking out the original words/figures completely.

### **53. WITHDRAWAL OF BID**

Bid cannot be withdrawn during the interval between their submission and expiry of Bid's validity period. Fresh Bid may be called from eligible bidders for any additional item(s) of work not mentioned herein, if so required.

### **54. INTERPRETATION OF DOCUMENTS**

If any bidder should find discrepancies or omission in the specifications or other tender documents, or if he should be in doubt as to the true meaning of any part thereof, he shall make a written request to the tender inviting authority for correction/clarification or interpretation or can put in a separate sheet along with his technical bid document.

### **55. PREPARATION OF TENDER**

Tender shall be submitted in accordance with the following instructions:

- a) Tenders shall be submitted in the prescribed forms. Digital signatures shall be used. Where there is conflict between the words and the figures, the words shall govern.
- b) All notations must be in ink or type written. No erasing or overwriting will be permitted. Mistakes may be crossed out and corrections typed or written with ink adjacent thereto and must be initialed in ink by the person or persons signing the tender.
- c) Tenders shall not contain any recapitulation of the work to be done. Alternative proposals will not be considered unless called for. No written, oral, telegraphic or telephonic proposals for modifications will be acceptable.
- d) Tenders shall be uploaded as notified on or before the date and time set for the opening of tenders in the Notice Inviting Tenders.
- e) Tenders subject to any conditions or stipulations imposed by the bidder are liable to be rejected.
- f) Each and every page of the tender document must be signed with company seal by the bidder.
- g) Any bidder may withdraw his tender by written request at any time prior to the scheduled closing time for receipt of tenders and not thereafter.

### **56. PRE-DISPATCH INSTRUCTION**

All instruments supplied against the purchase order shall be subjected to Inspection, check and /or test by the authorized representative from DHWU.

### **57. FINAL INSPECTION**

Final inspection will be carried by the authorized representative from DHWU.

### **58. SITE INSPECTION**

Bidder can inspect (at their own cost) the sites if required, for which they have to take necessary permission from DHWU in writing. DHWU will take at least four days to organize such permission.

### **59. ERASURES OR ALTERNATIONS**

The offers with overwriting and erasures may make the tender liable for rejection if each of such overwriting/erasures/manuscript ions is not only signed by the authorized signatory of the bidder. There should be no hand-written material, corrections or alterations in the offer. Technical details must be completely filled up. Correct technical information of the product being offered must be filled in. Filling up of the information using terms such as "OK", "accepted", "noted", "as given in brochure/manual" is not acceptable. The Customer may treat offers not adhering to these guidelines as unacceptable. The Customer may, at its discretion, waive any minor non-conformity or any minor irregularity in the offer. This shall be binding on all bidders and the Tender Committee reserves the right for such waivers.

### **60. COMPLIANCE WITH LAW**

The contractor hereto agrees that it shall comply with all applicable union, state and local laws, ordinances, regulations and codes in performing its obligations hereunder, including the procurement of licenses, permits certificates and payment of taxes where required. The contractor shall establish and maintain all proper records (particularly, but without limitation, accounting records) required by any law, code/practice of corporate policy applicable to it from time to time including records and returns as applicable under labor legislation.

### **61. CLARIFICATION OF BIDS**

During evaluation of the bids, the Customer/Tender Committee, at its discretion may ask the bidder for clarification of its bid. The request for the clarification and the response shall be in writing (fax/email) and no change in the substance of the bid shall seek offered or permitted.

### **62. DEEMED ACCEPTANCE**

Deliverables will be deemed to be fully and finally accepted by Diamond Harbour Women's University.

### **63. QUALITY CONTROL**

- The contractor is obliged to work closely with DHWU and act within its authority and abide by directive issued by them on implementation activities.
- The contractor will abide by the safety measures and free DHWU and from all demands or responsibilities arising from accident/loss of life, the cause of which is due to their negligence. The bidder will pay all indemnities arising from such incidents and will not hold DHWU responsible.
- The contractor will treat as confidential all data and information about the system/items, obtained in the execution of its responsibilities in strict confidence and will not reveal such information to any party without the prior written approval of DHWU.
- DHWU reserves the right to inspect all phases of contractor's operation to ensure conformity to the specifications. DHWU shall have inspectors or other duly authorized representatives made known to the contractor, present during the progress of the work and such representatives shall have free access to the work at all times. The presence or absence of representatives of DHWU does not relieve the contractor of the responsibility for quality control in all phases.
- The Court of Diamond Harbour/Kolkata only will have the jurisdiction to deal with and decide any legal matters or dispute whatsoever arising out of the contract.

#### **64. SITE NOT READY**

The bidder shall not be in any manner liable for any delay arising out of DHWU inability to make the site ready within the stipulated period.

#### **65. GENERAL TERMS**

- a) All the pages of the bid document including documents submitted therein must be duly signed and stamped failing which the offer shall be liable to be rejected.
- b) All the documents to be submitted by the bidder along with their offer should be duly authenticated by the person signing the offer and if at any point of time during procurement process or subsequently it is detected that documents submitted are forged/tampered/manipulated in any way, the total responsibility lies with the bidder and DHWU reserves the full right to take action as may be deemed fit including rejection of the offer and such case is to be kept recorded for any future dealing with them.
- c) No Technical/Commercial clarification will be entertained after opening of the tender.
- d) Overwriting and erasures may make the tender liable for rejection if each of such overwriting/erasures/manuscript is not only signed by the authorized signatory of the bidder. All overwriting should be separately written and signed by the authorized signatory of the bidder.
- e) Quantity mentioned in the tender document is indicative only and orders shall be placed subject to actual requirement. DHWU reserve the right to increase or decrease the quantity specified in the tender.
- f) DHWU reserve the right to reject or accept or withdraw the tender in full or part as the case may be without assigning the reasons thereof. No dispute of any kind can be raised the right of buyer in any court of law or elsewhere.
- g) DHWU reserve the right to ask for clarification in the bid documents submitted by the bidder. Documents may be taken if decided by the committee.
- h) Supporting technical brochures/catalogues indicating each feature in respect of offered model and make must be submitted along with the offer, in absence of which the offer is liable to be ignored.
- i) No dispute by the bidders in regard to Technical/Commercial points will be entertained by DHWU and decision taken by the Tender Committee will be final.
- j) Discrepancy in the amount quoted by the bidder due to calculation mistake, the unit rate shall be regarded as firm and the totaling or carry in the amount quoted by the bidder shall be corrected accordingly.
- k) The price offers shall remain firm within the currency of contract and no escalation of price will be allowed.
- l) The acceptance of the tender will rest with the accepting authority who is not bound to accept the lowest or any tender and reserves the right to reject in part or in full any or all tender(s) received and to split up the work among participants without assigning any reason thereof.
- m) The customer/DHWU at its discretion may extend the deadline for the submission of Bids.
- n) The Court of Diamond Harbour/Kolkata only will have the jurisdiction to deal with and decide any legal matters or dispute whatsoever arising out of the contract.

#### **65. OTHER TERMS AND CONDITION**

1. The selected vendor has to supply, install, maintain, provide training and commissioning of the requisite hardware, software and peripherals at University.
2. The equipment/product must confirm to the specifications given and of desired quality. Consistency in quality shall be maintained for the entire lot of products offered. All the required quantity of items in schedule of requirement shall be of the same brand and model. Substitution of any internal components or subsystems of the product by similar items of different manufacturers will not be accepted for whatsoever reason.
3. All the equipments shall be supplied with the relevant interface cables and necessary standard accessories.
4. The selected vendor shall be responsible for the quality of supply.
5. Non-removable stickers have to be pasted on all kind of materials /items with details of company name, address. Contact detail, service centre/ help line number and warranty expiry date.
6. The indenter's right to inspect, test and, where necessary, reject the Goods after the Goods arrival at delivery Site shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed, prior to the Goods shipment.
7. All items should be covered a warranty period of minimum one year.

## SECTION – E

### BID FORM

(Bidders are requested to furnish the Bid Form in the Format given in this section, filling the entire Blank and to be submitted on Letter Head in original)

To  
DIAMOND HARBOUR WOMEN'S UNIVERSITY  
Sarisha, Diamond Harbour Road,  
South 24 Parganas, 743368

Sub: Delivery of consumable items for SERB funded research project in Zoology Laboratory (Principal investigator – Dr. Shantanabha Das)

Dear Sir,

1. We the undersigned bidder/(s), having read and examined in details the specifications and other documents of the subject tender no. E-NIT/ZOO/37/DHWU/2022 dated 05.05.2022, do hereby propose to execute the job as per specification as set forth in your Bid documents.
2. The prices of all items stated in the bid are firm during the entire period of job irrespective of date of completion and not subject to any price adjusted as per in line with the bidding documents. All prices and other terms & conditions of this proposal are valid for a period of 180 (one hundred eighty) days from the date of opening of bid. We further declare that prices stated in our proposal are in accordance with your bidding.
3. We confirm that our bid prices include all other taxes and duties and levies applicable on bought out components, materials, equipments and other items and confirm that any such taxes, duties and levies additionally payable shall be to our account.
4. Earnest Money Deposit: We have enclosed EMD transaction No for a sum of Rs. 5000/- (transaction no. \_\_\_\_\_ dated \_\_\_\_\_).
5. We declare that items shall be executed strictly in accordance with the specifications and documents irrespective of whatever has been stated to the contrary anywhere else in our proposal.
6. If this proposal is accepted by you, we agree to provide services and complete the entire work, in accordance with schedule indicated in the proposal. We fully understand that the work completion schedule stipulated in the proposal is the essence of the job, if awarded.
7. We further agree that if our proposal is accepted, we shall provide a Performance Bank Guarantee of the value equivalent to ten percent (10%) of the Order value as stipulated in Financial Bid (BOQ).
8. We agree that DHWU reserves the right to accept in full/part or reject any or all the bids received without any explanation to bidders and his decision on the subject will be final and binding on Bidder.

Dated, this .....day of .....2022

Thanking you, we remain,

Yours faithfully

.....  
Signature

.....  
Name in full

.....  
Designation

Signature & Authorized Verified by

.....  
Signature

.....  
Name in full

.....  
Designation

.....  
Company Stamp

## SECTION – F

### TECHNO COMMERCIAL EVALUATION & AWARDING OF CONTRACT

#### 1. EVALUATION PROCEDURE

- The Eligibility Criteria (Section - B) will be evaluated by Tender Committee and those qualify will be considered for further evaluation.
- The Tender Committee shall verify the Technical Specification (Technical Specification with Compliance Statement, Section – J) Deviation in specification shall not be allowed. Bidder qualified in Technical Specification shall be considered for further evaluation.
- After qualifying in Technical Specification, qualified bidders will only be considered for Financial Bid evaluation.

#### 2. FINAL EVALUATION

Financial Proposal of the bidders qualifying in the evaluation of Technical specification will be evaluated. The bidder who has qualified in the Technical Specification evaluation and returns with lowest quote (L1) in financial bid would normally be awarded the contract subject to Post Qualification.

#### 3. AWARDING OF CONTRACT

An affirmative Post Qualification determination will be prerequisite for award of the contract to the lowest quoted bidder. A negative determination will result in rejection of bidder's bid, in which event the DHWU will proceed to the next lowest evaluated bidder to make a similar determination of that bidder's capability to perform satisfactorily. The successful bidder (s) will have to give security deposit in the form of Performance Bank Guarantee.

#### 4. POST QUALIFICATION

The determination will evaluate the Bidder's financial, technical, design, integration, customization, production, management and support capabilities and will be based on an examination of the documentary evidence of the Bidder's qualification, as well as other information DHWU deems necessary and appropriate. This determination may include visits or interviews with the Bidder's client's reference in its bid, site inspection, and any other measures.

## SECTION – G

### GUIDANCE FOR E-TENDERING

Instructions / Guidelines for electronic submission of the tenders have been annexed for assisting the Bidders to participate in e-Tendering.

- **Registration of Bidder:**  
Any Bidder willing to take part in the process of e-Tendering will have to be enrolled & registered with the Government e-Procurement System through logging on to <https://wbtenders.gov.in>. The Bidder is to click on the link for e-Tendering site as given on the web portal.
- **Digital Signature Certificate (DSC):**  
Each Bidder is required to obtain a Class-II or Class-III Digital Signature Certificate (DSC) for submission of tenders from the approved service provider of the National Informatics Centre (NIC) on payment of requisite amount. Details are available at the Web Site stated above. DSC is given as a USB e-Token.
- The Bidder can search & download N.I.T. & BOQ electronically from computer once he logs on to the website mentioned above using the Digital Signature Certificate. This is the only mode of collection of Tender Documents.
- **Participation in more than one work:**  
A prospective bidder shall be allowed to participate in the job either in the capacity of individual or as a partner of a firm. If, found to be applied severally in a single job all the applications will be rejected.
- **Submission of Tenders:**  
Tenders are to be submitted through online to the website stated above in two folders at a time, one in Techno Commercial Proposal & the other is Financial Proposal before the prescribed date & time using the Digital Signature Certificate (DSC). The documents are to be uploaded virus scanned copy duly Digitally Signed. The documents will get encrypted (transformed into non readable formats)

The proposal should contain scanned copies of the following in two covers (folders).



**Techno Commercial Cover:**

Technical Document1 (scanned & join in pdf format then upload)

1. Copy of Demand Draft of Earnest Money Deposit (EMD)

Technical Document2 (scanned & join in pdf format then upload)

1. N I T Declaration duly stamped & signed in letter head, Section - Q
2. Bid Form as per format (Section – E)

Technical Compliance (scanned & joins in pdf format then upload)

1. Technical Specification With Compliance Statement (Section – I)
2. Manufacturer Authorisation Form (Section – M)

**Financial Cover:**

BOQ will be downloaded and same will be uploaded with quoted rates. While uploading BOQ file name shall remain unchanged. Absence of this document shall lead to summary rejection of the bid.

**NON-STATUTARY COVER (MY SPACE) CONTAIN FOLLOWING DOCUMENT:**

(In each folder, scanned coy will be uploaded with single file having multiple pages)

Sl. No.	Category Name	Sub Category Name	Sub Category Description
A	CERTIFICATES	A1. CERTIFICATES	<ul style="list-style-type: none"> <li>· GST Registration Certificate</li> <li>· PAN</li> <li>· Trade License</li> <li>· Document as per Clause no. 2 of Section – B</li> </ul>
B	COMPANY DETAILS	B1. COMPANY DETAILS 1	<ul style="list-style-type: none"> <li>· Document as per Clause – 1 of Section – B</li> </ul>
		B2. COMPANY DETAILS 2	<ul style="list-style-type: none"> <li>· Company Profile (Not more than 3 pages)</li> </ul>
C	CREDENTIAL	CREDENTIAL 1	Order copies as per Clause no. 4 of Section – B
		CREDENTIAL 2	<ul style="list-style-type: none"> <li>· Product brochure</li> <li>· Other documents, if any</li> </ul>
D	DECLARATION	DECLARATION 1	List of Clients as per format (Section – O)
		DECLARATION 2	Financial Capability of Bidder as per format (Section – K)
		DECLARATION 3	Bidder's Details as per format (Section – L)
		DECLARATION 4	Details of Order Executed as per format (Section – J)
F	FINANCIAL INFO	P/L & BALANCE SHEET 2019-2020	P/L & BALANCE SHEET 2018-2019
		P/L & BALANCE SHEET 2020-2021	P/L & BALANCE SHEET 2019-2020
		P/L & BALANCE SHEET 2021-2022	P/L & BALANCE SHEET 2020-2021

**SECTION-H**  
**BILL OF MATERIAL**

Sl. No.	Item Description	Qty	Size
1	CURCUMIN, 10G	1	10G
2	CURCUMIN, 100MG	1	100MG
3	RESVERATROL, 100MG	1	100MG
4	QUERCETIN, 100G	1	100G
5	CAPSAICIN, 250MG	1	250MG
6	RESOLVIN D2, 25 ug	1	25 ug
7	RESOLVIN D1, 25 ug	1	25 ug
8	MARESIN 1, 25 ug	1	25 ug
9	RPMI 1640 powder	1	10X1L
10	RPMI 1640, liquid	1	500ml
11	RPMI 1640, liquid, HEPES modified	1	500ml
12	FBS - USA ORIGIN	1	100ml
13	FBS - USA ORIGIN	1	500 ml
14	PENICILLIN STREPTOMYCIN SOL	1	100ml
15	GENTAMICIN	1	10ml
16	DMEM, powder	1	500ml
17	DMEM, liquid	1	500ml
18	L-Glutamine solution	1	100ml
19	Sodium pyruvate solution	1	100ml
20	SODIUM BICARBONATE SOL	1	100ml
21	SODIUM BICARBONATE, powder	1	500g
22	HBSS	1	500ml
23	PBS	1	500ml
24	DISTILLED WATER	1	500ml
25	2 MERCAPTOETHANOL	1	50ml
26	Cell Culture Freezing Medium	1	50ml
27	Dimethyl sulfoxide	1	5X5ml
28	Glucose, powder	1	1kg
29	Cell dissociation solution containing Trypsin	1	100ml
30	Cell dissociation buffer, enzyme free	1	100ml
31	RNA PREP MINI KIT	1	EACH
32	DEPC-TREATED WATER 100ML, 100ml	1	100ml
33	DEPC-treated Water	1	30ml
34	Ultrapure Nuclease-free Water	1	100ml
35	TRIZOL REAGENT	1	100ml
36	VERSO CDNA KIT, EA	1	40 x 20 µL

			Reactions
37	PCR Master Mix (2X)	1	200 x 50 µL rxns,
38	POWRUP SYBR MASTER MIX	1	5 ML
39	TRITON X	1	100ML
40	1.5M TRISHCL	1	1l
41	Sodium dodecyl sulphate (SDS)	1	500g
42	SODIUM DEOXYCHOLATE	1	5 G
43	Sodium orthovanadate	1	5G
44	Protease Inhibitor Cocktail	1	1ml
45	6X DNA Loading Dye	1	5 x 1 mL
46	2-Mercaptoethanol	1	100ml
47	Glycerol	1	1l
48	GLYCINE	1	1kg
49	WB Transfer Buffer	1	1l
50	TBT Transfer Buffer 5x	1	1l
51	methanol	1	500ml
52	PONCEAU S STAIN, Ponceau S Stain	1	500 ML
53	Acetic Acid, Glacial	1	500ml
54	Ethanol	1	500ml
55	TRIS BUFFERED SALINE WITH TWEEN 20	1	1L
56	Tween 20 (Polysorbate)	1	1L
57	0.5M TRISHCL	1	1L
58	BSA fraction V	1	50G
59	DISTILLED WATER (ULTRAPURE)	1	500ML
60	NC Membrane	1	20/pkg
61	ACRYLAMIDE	1	500G
62	SEEBLUE PLUS2	1	500UL
63	PIERCE ECL WESTERN BLOTTING	1	250 M
64	HALT PHOSPHATASE, INHIBITOR COCKTAIL	1	1 ML.
65	HALT PROTEASE INHIBITOR	1	1 ML.
66	COOMASSIE PLUS - THE BETTER BR, ADFORD ASSAY	1	EACH
67	CHAPS: 3 (3-CHOLAMIDOPROPYL), DIMETHYL-AMMON	1	EACH
68	Urea	1	1KG
69	AGAROSE- ULTRAPURE	1	500 G
70	Acetic Acid Glacial extrapure AR	1	500 ml
71	Ethidium bromide solution	1	10ml
72	EDTA, 0.5M STERILE SOLUTION	1	500ml
73	EDTA, powder	1	100G
74	MILK, NONFAT POWDERED (PROTEOMICS)	1	500G

75	Acrylamide extrapure	1	500 G
76	ACRYLAMIDE	1	500G
77	Acrylamide / Bis-acrylamide Premix Powder	1	30 G
78	ACRYLAMIDE/BIS	1	500 ML
79	TRIS	1	1KG
80	SODIUM DODECYL SULFATE	1	500G
81	AMMONIUM PERSULFATE	1	4 X 25 GM
82	TEMED	1	30ML
83	HEPES SODIUM SALT SOLUTION	1	100ml
84	Brewer's thioglycolate medium	1	500gm
85	STARCH SOLUBLE, R. G., REAG. ISO, REAG.	1	250gm
86	LIPOPOLYSACCHARIDES FROM FROM E. coli	1	1mg
87	SODIUM PHOSPHATE MONOBASIC	1	500gm
88	SODIUM PHOSPHATE DIBASIC, BIOREAGENT	1	500gm
89	POTASSIUM PHOSPHATE MONOBASIC	1	500gm
90	SODIUM CHLORIDE, BIOREAGENT, SUITABLE	1	500gm
91	POTASSIUM CHLORIDE CELL CULTURE TESTED	1	250gm
92	PHOSPHATE BUFFERED SALINE TABLET, TRU-	1	50TAB
93	HYDROCHLORIC ACID	1	500ml
94	ISOPROPYL ALCOHOL	1	500ml
95	CHLOROFORM	1	500ml
96	SODIUM ORTHOVANADATE	1	250 G
97	SODIUM FLUORIDE, ACS REAGENT	1	100gm
98	BROMPHENOL BLUE	1	25g
99	TGX Stain-Free FastCast Acrylamide Kit	1	EACH
100	Nitrocellulose Membrane, Roll	1	EACH
101	Precision Plus Protein Dual Color Standards	1	EACH
102	Clarity Western ECL Substrate	1	EACH
103	iScript Reverse Transcription Supermix	1	EACH
104	iScript cDNA Synthesis Kit	1	EACH
105	iTaq Universal SYBR Green Supermix	1	EACH

106	Hard-Shell 96-Well PCR Plates	1	EACH
107	Microseal 'B' PCR Plate Sealing Film	1	EACH
108	iTaq DNA Polymerase	1	EACH
109	100 ML Reagent Glass Bottles	1	10/PKT
110	250ML Reagent Glass Bottles	1	10/PKT
111	500 ML Reagent Glass Bottles	1	10/PKT
112	1L Reagent Glass Bottles	1	10/PKT
113	100ML Glass Beakers	1	10/PKT
114	250 ML Glass Beakers	1	12/PKT
115	500 ML Glass Beakers	1	6/PKT
116	1L Glass Beakers	1	6/PKT
117	50 ML Glass Measuring Cylinders	1	2/PKT
118	100 ML Glass Measuring Cylinders	1	2/PKT
119	250 ML Glass Measuring Cylinders	1	2/PKT
120	500 ML Glass Measuring Cylinders	1	2/PKT
121	1 L Glass Measuring Cylinders	1	1/PKT
122	Media filtration unit	1	12/CASE
123	Cell culture flask	1	200/ CASE
124	Cell culture flask	1	100/CASE
125	Tissue Culture Dish	1	500/CASE
126	Tissue Culture Dish	1	150/CASE
127	6 WELL TISSUE CULTURE PLATES	1	75/CASE
128	12 WELL TISSUE CULTURE PLATES	1	75/CASE
129	96 WELL TISSUE CULTURE PLATES	1	50/CASE
130	125 ML Reagent Bottle	1	10/PKT
131	250 ML Reagent Bottle	1	10/PKT
132	500 ML Reagent Bottle	1	10/PKT
133	1L Reagent Bottle	1	8/PKT
134	500 ML Wash Bottle	1	10/PKT
135	1.8 ML Cryo preservation tubes	1	100/PKT
136	Cryo Box for cryo preservation vials	1	8/PKT
137	0.5-10µl Pipette tips	1	1000 tips
138	10-200µl Pipette tips	1	1000 TIPS
139	100-1000µl Pipette tips	1	500 TIPS
140	PCR Tube Rack	1	6/PKT
141	0.5-10µl Racked (sterile)	1	10 RACKS
142	10-200µl Racked (sterile)	1	10 RACKS
143	100-1000µl Racked (sterile)	1	10 RACKS
144	0.5-10µl Low retention filter tips,	1	10 RACKS
145	10-200µl Low retention filter tips,	1	10 RACKS
146	100-1000µl Low retention filter tips,	1	10 RACKS
147	OPTICAL ADHESIVE COVERS	1	25/PKT
148	Optical 8-Tube Strip	1	125 STRIPS
149	96-WELL RXN PLATE	1	10 PLATES
150	IMMUNOPLATE	1	60/CASE
151	15ML CONICAL TUBE	1	500/CASE
152	50ML CONICAL TUBE	1	500/CASE
153	15ML CONICAL TUBE	1	500/CASE
154	50ML CONICAL TUBE	1	500/CASE

155	100ML Polypropylene Beakers	1	10/PKT
156	250 ML Polypropylene Beakers	1	12/PKT
157	500 ML Polypropylene Beakers	1	6/PKT
158	1L Polypropylene Beakers	1	6/PKT
159	50 ML Polypropylene Measuring Cylinders	1	2/PKT
160	100 ML Polypropylene Measuring Cylinders	1	2/PKT
161	250 ML Polypropylene Measuring Cylinders	1	2/PKT
162	500 ML Polypropylene Measuring Cylinders	1	2/PKT
163	1 L Polypropylene Measuring Cylinders	1	1/PKT
164	1 ml graduated Serological pipette	1	1 box
165	5 ml graduated Serological pipette	1	1 box
166	10 ml graduated Serological pipette	1	1 box
167	25 ml graduated Serological pipette	1	1 box
168	3ml Pasteur pipettes, sterile	1	1 box

\* Quantity means rate per unit as mentioned in bid format.

Bill of quantity will be mentioned at the time of placing the purchase order. Detailed Technical Specifications are given in Section - I

## SECTION - I

### TECHNICAL SPECIFICATION WITH COMPLIANCE STATEMENT

(Tender No. E-NIT/ZOO/37/DHWU/2022)

#### 1. Specification of Consumable items for:

Sl. No.	Items.	Description	Qty.	Size	Specification (Quoted / Applicable - by the bidder)	Complied (Yes / No)
1	CURCUMIN, 10G	CURCUMIN FROM CURCUMA LONGA CRYSTALLIN, 10G, cell culture grade, anti-inflammatory activity	1	10G		
2	CURCUMIN, 100MG	Curcumin, Curcuma longa L. 1PC X 100MG, cell culture grade, anti-inflammatory activity	1	100MG		
3	RESVERATROL, 100MG	RESVERATROL, >=99% (HPLC) , 100MG cell culture grade, anti-inflammatory activity	1	100MG		
4	QUERCETIN, 100G	QUERCETIN, =95% (HPLC), SOLID, 100G cell culture grade, anti-inflammatory activity	1	100G		
5	CAPSAICIN, 250MG	CAPSAICIN, NATURAL, 250MG cell culture grade, anti-inflammatory activity	1	250MG		
6	RESOLVIN D2, 25 ug	Resolvin D2, cell culture grade, anti-inflammatory activity, 25 ug	1	25 ug		
7	RESOLVIN D1, 25 ug	Resolvin D1, cell culture grade, anti-inflammatory activity, 25 ug	1	25 ug		
8	MARESIN 1, 25 ug	Maresin 1, cell culture grade, anti-inflammatory activity, 25 ug	1	25 ug		
9	RPMI 1640 powder	RPMI 1640 Powder, With L-glutamine, without sodium bicarbonate, powder, suitable for cell culture with phenol red	1	10X1L		
10	RPMI 1640, liquid	With sodium bicarbonate, without L-	1	500ml		

		glutamine, liquid, sterile-filtered, suitable for cell culture, With phenol red				
11	RPMI 1640, liquid, HEPES modified	HEPES Modification, With 25 mM HEPES, without L-glutamine., liquid, sterile-filtered, suitable for cell culture, with phenol red	1	500ml		
12	FBS - USA ORIGIN	FBS- - USA ORIGIN, 100ML, for cell culture	1	100ml		
13	FBS - USA ORIGIN	FBS- - USA ORIGIN, 500ML, for cell culture	1	500 ml		
14	PENICILLIN STREPTOMYCIN SOL	PENICILLIN STREPTOMYCIN SOL, 100ML, for cell culture	1	100ml		
15	GENTAMICIN	GENTAMICIN, 10ML, for cell culture	1	10ml		
16	DMEM, powder	Dulbecco's Modified Eagle's Medium - high glucose, HEPES Modification, With 4500 mg/L glucose, L-glutamine, and 25 mM HEPES, without sodium bicarbonate and pyruvate, powder, suitable for cell culture, , with phenol red, 500ml	1	500ml		
17	DMEM, liquid	DMEM, liquid 4500 mg/L glucose, 1 mM sodium pyruvate, and 1500 mg/L sodium bicarbonate., with phenol red, without L-glutamine, sterile-filtered, suitable for cell culture, 500ml	1	500ml		
18	L-Glutamine solution	200 mM, solution, sterile-filtered, suitable for cell culture, 100ml,	1	100ml		
19	Sodium pyruvate solution	100 mM, sterile-filtered, suitable for cell culture, 100ml	1	100ml		
20	SODIUM BICARBONATE SOL	SODIUM BICARBONATE SOL, 100ML, for cell culture	1	100ml		
21	SODIUM BICARBONATE, powder	SODIUM BICARBONATE powder, 500g, for cell culture	1	500g		
22	HBSS	HBSS, 500ML, for cell culture	1	500ml		
23	PBS	PBS- PH 7.4- 10X, 500ML, for cell culture	1	500ml		
24	DISTILLED WATER	DISTILLED WATER, 500ML, Molecular biology grade	1	500ml		
25	2 MERCAPTOETHANOL	2 MERCAPTOETHANOL 1000X, 50ML , Molecular biology grade	1	50ml		
26	Cell Culture Freezing Medium	Cell Culture Freezing Medium containing FBS & DMSO, 50ML , cell culture grade	1	50ml		
27	Dimethyl sulfoxide	sterile-filtered, suitable for hybridoma, ≥99.7%, 5X5ml	1	5X5ml		
28	Glucose, powder	Glucose, powder, 1 kg, Molecular biology grade	1	1kg		
29	Cell dissociation solution containing Trypsin	Trypsin, 100ML, sterile-filtered, suitable for cell culture	1	100ml		
30	Cell dissociation buffer, enzyme free	Cell dissociation buffer, enzyme free , 100ML, , sterile-filtered, suitable for cell culture	1	100ml		
31	RNA PREP MINI KIT	DNA-free RNA isolation kit, with RNA binding columns, capless wash and capped microcentrifuge tubes, lyophilized DNase I, RNase-free reagents, for 50 preps	1	EACH		
32	DEPC-TREATED WATER 100ML, 100ml	DEPC-TREATED WATER 100ML, for molecular biology	1	100ml		
33	DEPC-treated Water	DEPC-treated Water, 30 ml, for molecular biology	1	30ml		

34	Ultrapure Nuclease-free Water	Ultrapure Nuclease-free Water for molecular biology application such as RT-PCR, 100 ml	1	100ml		
35	TRIZOL REAGENT	TRIZOL REAGENT, 100ML	1	100ml		
36	VERSO CDNA KIT, EA	VERSO CDNA KIT, 40 x 20 $\mu$ L Reactions	1	40 x 20 $\mu$ L Reactions		
37	PCR Master Mix (2X)	PCR Master Mix (2X), 200 x 50 $\mu$ L rxns, molecular biology grade	1	200 x 50 $\mu$ L rxns,		
38	POWRUP SYBR MASTER MIX	POWRUP SYBR MASTER MIX-5 ML, 5 ML, molecular biology grade	1	5 ML		
39	TRITON X	TRITON X-100, 100ML	1	100ML		
40	1.5M TRISHCL	1.5M TRIS HCL, PH 8.8, 1L	1	1l		
41	Sodium dodecyl sulphate (SDS)	Sodium dodecyl sulphate (SDS), 500g RNA PREPMINI KIT	1	500g		
42	SODIUM DEOXYCHOLATE	SODIUM DEOXYCHOLATE- 5 G., EA	1	5 G		
43	Sodium orthovanadate	Sodium orthovanadate, 99%, 5G	1	5G		
44	Protease Inhibitor Cocktail	Protease Inhibitor Cocktail (100X), 1ml	1	1ml		
45	6X DNA Loading Dye	6X DNA Loading Dye, 5 x 1 mL	1	5 x 1 mL		
46	2-Mercaptoethanol	2-Mercaptoethanol, 100ml Molecular biology grade	1	100ml		
47	Glycerol	Glycerol, 1L Molecular biology grade	1	1l		
48	GLYCINE	GLYCINE, 1 KG Molecular biology grade	1	1kg		
49	WB Transfer Buffer	WB Transfer Buffer, 1L	1	1l		
50	TBT Transfer Buffer 5x	TBT Transfer Buffer 5x, 1L	1	1l		
51	methanol	Methanol, 500ml Molecular biology grade	1	500ml		
52	PONCEAU S STAIN, Ponceau S Stain	PONCEAU S STAIN- 500 ML, Ponceau S Stain- 500 mL	1	500 ML		
53	Acetic Acid, Glacial	Acetic Acid, Glacial, 500 ml, Molecular biology grade	1	500ml		
54	Ethanol	Ethanol, Molecular biology grade, 500ml	1	500ml		
55	TRIS BUFFERED SALINE WITH TWEEN 20	TRIS BUFFERED SALINE WITH TWEEN 20, 10x	1	1L		
56	Tween 20 (Polysorbate)	Tween 20 (Polysorbate), 1L	1	1L		
57	0.5M TRISHCL	0.5M TRIS HCL, PH 6.8, 1L	1	1L		
58	BSA fraction V	BSA fraction V, 50G	1	50G		
59	DISTILLED WATER (ULTRAPURE)	DISTILLED WATER (ULTRAPURE), 500ML	1	500ML		
60	NC Membrane	NC Membrane, 0.22 $\mu$ m, 9cm $\times$ 10 cm; 20/pkg	1	20/pkg		
61	ACRYLAMIDE	ACRYLAMIDE, 500G	1	500G		
62	SEEBLUE PLUS2	SEEBLUE PLUS2, 500 UL	1	500UL		
63	PIERCE ECL WESTERN BLOTTING	PIERCE ECL WESTERN BLOTTING, SUBSTRATE- 250 M	1	250 M		
64	HALT PHOSPHATASE, INHIBITOR COCKTAIL	HALT PHOSPHATASE, INHIBITOR COCKTAIL- 1 ML.	1	1 ML.		
65	HALT PROTEASE INHIBITOR	HALT PROTEASE INHIBITOR, COCKTAIL (100X)- 1 ML	1	1 ML.		



66	COOMASSIE PLUS - THE BETTER BR, ADFORD ASSAY	COOMASSIE PLUS - THE BETTER BR, ADFORD ASSAY	1	EACH		
67	CHAPS: 3 (3-CHOLAMIDOPROPYL), DIMETHYL-AMMON	CHAPS: 3 (3-CHOLAMIDOPROPYL), DIMETHYL-AMMON	1	EACH		
68	Urea	Urea, 1KG (fine crystals)	1	1KG		
69	AGAROSE-ULTRAPURE	AGAROSE- ULTRAPURE, 500 G	1	500 G		
70	Acetic Acid Glacial extrapure AR	Acetic Acid Glacial extrapure AR, 99.9%	1	500 ml		
71	Ethidium bromide solution	Ethidium bromide solution for molecular biology, 10 mg/mL in H <sub>2</sub> O	1	10ml		
72	EDTA, 0.5M STERILE SOLUTION	EDTA, 0.5M STERILE SOLUTION, 500ml	1	500ml		
73	EDTA, powder	EDTA, powder, suitable for cell culture	1	100G		
74	MILK, NONFAT POWDERED (PROTEOMICS)	MILK, NONFAT POWDERED (PROTEOMICS), 500G	1	500G		
75	Acrylamide extrapure	Acrylamide extrapure, 99%	1	500 G		
76	ACRYLAMIDE	ACRYLAMIDE, 500G	1	500G		
77	Acrylamide / Bis-acrylamide Premix Powder	Acrylamide / Bis-acrylamide Premix Powder, Ratio 29:1	1	30 G		
78	ACRYLAMIDE/BIS	ACRYLAMIDE/BIS - 19:1 500 ML, EACH	1	500 ML		
79	TRIS	TRIS, 1KG	1	1KG		
80	SODIUM DODECYL SULFATE	SODIUM DODECYL SULFATE, 500G	1	500G		
81	AMMONIUM PERSULFATE	AMMONIUM PERSULFATE- 4 X 25 GM, EA	1	4 X 25 GM		
82	TEMED	TEMED, 30ML	1	30ML		
83	HEPES SODIUM SALT SOLUTION	HEPES SODIUM SALT SOLUTION 1M, BIOREAGE	1	100ml		
84	Brewer's thioglycolate medium	Brewer thioglycolate medium	1	500gm		
85	STARCH SOLUBLE, R. G., REAG. ISO, REAG.	STARCH SOLUBLE, R. G., REAG. ISO, REAG.	1	250gm		
86	LIPOPOLYSACCHARIDES FROM E. coli	LIPOPOLYSACCHARIDES FROM E. Coli, gamma irradiated, suitable for cell culture	1	1mg		
87	SODIUM PHOSPHATE MONOBASIC	SODIUM PHOSPHATE MONOBASIC	1	500gm		
88	SODIUM PHOSPHATE DIBASIC, BIOREAGENT	SODIUM PHOSPHATE DIBASIC, BIOREAGENT	1	500gm		
89	POTASSIUM PHOSPHATE MONOBASIC	POTASSIUM PHOSPHATE MONOBASIC	1	500gm		
90	SODIUM CHLORIDE, BIOREAGENT, SUITABLE	SODIUM CHLORIDE, BIOREAGENT, SUITABLE	1	500gm		
91	POTASSIUM CHLORIDE CELL CULTURE TESTED	POTASSIUM CHLORIDE CELL CULTURE TESTED	1	250gm		

92	PHOSPHATE BUFFERED SALINE TABLET, TRU-	PHOSPHATE BUFFERED SALINE TABLET, TRU-	1	50TAB		
93	HYDROCHLORIC ACID	HYDROCHLORIC ACID, 37%, A.C.S. REAGENT	1	500ml		
94	ISOPROPYL ALCOHOL	ISOPROPYL ALCOHOL, >=99.7%, FCC, FG	1	500ml		
95	CHLOROFORM	CHLOROFORM ,	1	500ml		
96	SODIUM ORTHOVANADATE	SODIUM ORTHOVANADATE,99%	1	250 G		
97	SODIUM FLUORIDE, ACS REAGENT	SODIUM FLUORIDE, ACS REAGENT, >=99%	1	100gm		
98	BROMPHENOL BLUE	BROMPHENOL BLUE	1	25g		
99	TGX Stain-Free FastCast Acrylamide Kit	TGX Stain-Free FastCast Acrylamide Kit, 10% Kit for hand casting 10% TGX Stain-Free polyacrylamide gels, includes acrylamide solutions and buffers	1	EACH		
100	Nitrocellulose Membrane, Roll	Nitrocellulose Membrane, Roll, 0.2 µm, 30 cm x 3.5 m Pkg of 1 roll, 0.2 µm, 30 cm x 3.5 m, bulk blotting membrane for proteins and nucleic acids	1	EACH		
101	Precision Plus Protein Dual Color Standards	Precision Plus Protein Dual Color Standards, 500 µl 500 µl, mixture of 10 recombinant proteins (10--250 kD), 8 blue-stained bands, and 2 pink reference bands (25 and 75 kD), 50 applications	1	EACH		
102	Clarity Western ECL Substrate	Clarity Western ECL Substrate, 200ml Pkg of 1, contains 100 ml Clarity Western Peroxide Reagent and 100 ml Clarity Western Luminol/Enhancer Reagent	1	EACH		
103	iScript Reverse Transcription Supermix	iScript Reverse Transcription Supermix, 25 x 20 µl rxns, 100 µl 25 x 20 µl reactions, 100 µl 5x supermix, contains reverse transcriptase, RNase inhibitor, dNTPs, primers, MgCl <sub>2</sub> , stabilizers; 50 reactions of no-RT control supermix	1	EACH		
104	iScript cDNA Synthesis Kit	For 25 x 20 µl reactions, with 5x reverse-transcription reaction mix, iScript reverse transcriptase, nuclease-free water	1	EACH		
105	iTaq Universal SYBR Green Supermix	iTaq Universal SYBR Green Supermix, 200 x 20 µl rxns, 2 ml (2 x 1 ml) 200 x 20 µl reactions, 2 ml (2 x 1 ml), 2x qPCR mix, contains dNTPs, iTaq DNA Polymerase, MgCl <sub>2</sub> , SYBR Green I, enhancers, stabilizers, and a blend of passive reference dyes	1	EACH		
106	Hard-Shell 96-Well PCR Plates	Hard-Shell 96-Well PCR Plates, low profile, semi skirted, clear/clear Pkg of 25, clear shell/clear well PCR plate rigid 2-component design	1	EACH		
107	Microseal 'B' PCR Plate Sealing Film	Microseal 'B' PCR Plate Sealing Film, adhesive, optical Pkg of 100, optically	1	EACH		

		clear seal for PCR plates				
108	iTaq DNA Polymerase	iTaq DNA Polymerase, 250 U (5 U/μl), 50 μl, 250 U (5 U/μl), hot-start polymerase for PCR and real-time PCR, includes 1.25 ml each 10x PCR buffer and 50 mM MgCl2	1	EACH		
109	100 ML Reagent Glass Bottles	Wide mouth, Laboratory, with DIN thread, Graduated, CLEAR, USP Standard with PP Screw Cap and PP Pouring Ring (Blue) 100 ML, autoclavable	1	10/PKT		
110	250ML Reagent Glass Bottles	Wide mouth, Laboratory, with DIN thread, Graduated, CLEAR, USP Standard with PP Screw Cap and PP Pouring Ring (Blue) ,250 ML, autoclavable	1	10/PKT		
111	500 ML Reagent Glass Bottles	Wide mouth ,Laboratory, with DIN thread, Graduated, CLEAR, USP Standard with PP Screw Cap and PP Pouring Ring (Blue) 500 ML, autoclavable	1	10/PKT		
112	1L Reagent Glass Bottles	Wide mouth ,Laboratory, with DIN thread, Graduated, CLEAR, USP Standard with PP Screw Cap and PP Pouring Ring (Blue) 1 L, autoclavable	1	10/PKT		
113	100ML Glass Beakers	Low Form, with Graduation and Spout 100 ML, autoclavable	1	10/PKT		
114	250 ML Glass Beakers	Low Form, with Graduation and Spout 250 ML, autoclavable	1	12/PKT		
115	500 ML Glass Beakers	Low Form, with Graduation and Spout 500 ML, autoclavable	1	6/PKT		
116	1L GlasBeakers	Autoclavable, Low Form, with Graduation and Spout 1 LIT	1	6/PKT		
117	50 ML Glass Measuring Cylinders	Cylinders, Measuring, Class 'B', Graduated 50 ML, autoclavable	1	2/PKT		
118	100 ML Glass Measuring Cylinders	Cylinders, Measuring, Class 'B', Graduated 100 ML, autoclavable	1	2/PKT		
119	250 ML Glass Measuring Cylinders	Cylinders, Measuring, Class 'B', Graduated 250 ML, autoclavable	1	2/PKT		
120	500 ML Glass Measuring Cylinders	Cylinders, Measuring, Class 'B', Graduated 500 ML, autoclavable	1	2/PKT		
121	1 L Glass Measuring Cylinders	Cylinders, Measuring, Class 'B', Graduated 1 LIT, autoclavable	1	1/PKT		
122	Media filtration unit	Media filtration unit, A-PES,250ML,50 MM,0.2, autoclavable	1	12/CASE		
123	Cell culture flask	25CM2 FILTERCAP, autoclavable, Sterile	1	200/CASE		
124	Cell culture flask	75CM2 FILTERCAP, autoclavable, Sterile	1	100/CASE		
125	Tissue Culture Dish	35MM Tissue Culture Dish-W/VENTS- ST, Sterile	1	500/CASE		
126	Tissue Culture Dish	100X15MM Tissue Culture Dish W/VENT- ST, CASE OF 150, Sterile	1	150/CASE		
127	6 WELL TISSUE CULTURE PLATES	6 WELL TISSUE CULTURE PLATES MULTIDISH, W/LID, CASE OF 75, Sterile	1	75/CASE		
128	12 WELL TISSUE CULTURE PLATES	12 WELL TISSUE CULTURE PLATES MULTIDISH W/LID TCTREAT, CASE OF 75, Sterile	1	75/CASE		
129	96 WELL TISSUE CULTURE PLATES	96 WELL TISSUE CULTURE PLATES W/LID, CASE OF 50, Sterile	1	50/CASE		
130	125 ML Reagent Bottle	Narrow Mouth 125 ML, autoclavable	1	10/PKT		
131	250 ML Reagent Bottle	Narrow Mouth 250 ML, autoclavable	1	10/PKT		
132	500 ML Reagent Bottle	Narrow Mouth 500 ML, autoclavable	1	10/PKT		
133	1L Reagent Bottle	Narrow Mouth 1 LIT, autoclavable	1	8/PKT		

134	500 ML Wash Bottle	Bottles, Wash, LDPE Plastic 500 ML	1	10/PKT		
135	1.8 ML Cryo preservation tubes	1.8ML Cryo preservation tubes	1	100/PKT		
136	Cryo Box for cryo preservation vials	Cryo Box for 1ml/2 ml Vials	1	8/PKT		
137	0.5-10µl Pipette tips	0.5-10µl Natural bulk, PP autoclavable, Certified DNase, RNase, PCR inhibitors, Human DNA free, universal	1	1000 tips		
138	10-200µl Pipette tips	10-200µl Natural Bulk Low Retention Non- Sterilized pipette tips, PP autoclavable, Certified DNase, RNase, PCR inhibitors, Human DNA free, universal	1	1000 TIPS		
139	100-1000µl Pipette tips	100-1000µl Natural Bulk Bevelled Non-Sterilized, pipette tips, PP autoclavable, Certified DNase, RNase, PCR inhibitors, Human DNA free, universal	1	500 TIPS		
140	PCR Tube Rack	PCR Tube Rack 96 Places	1	6/PKT		
141	0.5-10µl Racked (sterile)	0.5-10µl Natural Racked Pre-Sterilized, PP autoclavable, Certified DNase, RNase, PCR inhibitors, Human DNA free, universal	1	10 RACKS		
142	10-200µl Racked (sterile)	1-200µl Natural Racked Pre-Sterilized, PP autoclavable, Certified DNase, RNase, PCR inhibitors, Human DNA free, universal	1	10 RACKS		
143	100-1000µl Racked (sterile)	100-1000µl Natural, Racked Pre-Sterilized, PP autoclavable, Certified DNase, RNase, PCR inhibitors, Human DNA free, universal	1	10 RACKS		
144	0.5-10µl Low retention filter tips,	Low retention filter tips, Racked Pre-Sterilized, PP autoclavable, Certified DNase, RNase, PCR inhibitors, Human DNA free, universal	1	10 RACKS		
145	10-200µl Low retention filter tips,	Low retention filter tips, Racked Pre-Sterilized, PP autoclavable, Certified DNase, RNase, PCR inhibitors, Human DNA free, universal	1	10 RACKS		
146	100-1000µl Low retention filter tips,	Low retention filter tips, Racked Pre-Sterilized, PP autoclavable, Certified DNase, RNase, PCR inhibitors, Human DNA free, universal	1	10 RACKS		
147	OPTICAL ADHESIVE COVERS	OPTICAL ADHESIVE COVERS, 25 PCS/PACK, for real time PCR plates	1	25/PKT		
148	Optical 8-Tube Strip	Optical 8-Tube Strip, 0.2 mL, for Real-Time PCR	1	125 STRIPS		
149	96-WELL RXN PLATE	96-WELL RXN PLATE -, Real Time PCR, EA NO BARCODE	1	10 PLATES		
150	IMMUNOPLATE	F96 IMMUNOPLATE MAXISORP, CASE OF 60	1	60/CASE		
151	15ML CONICAL TUBE	15ML CONICAL TUBE- PP- BULK,	1	500/CASE		
152	50ML CONICAL TUBE	50ML CONICAL TUBE- PP- BULK,	1	500/CASE		
153	15ML CONICAL TUBE	15ML CONICAL TUBE- PP- BULK, sterile	1	500/CASE		
154	50ML CONICAL TUBE	50ML CONICAL TUBE- PP- BULK, sterile	1	500/CASE		
155	100ML Polypropylene Beakers	Low Form, with Graduation and Spout 100 ML, autoclavable	1	10/PKT		
156	250 ML Polypropylene Beakers	Low Form, with Graduation and Spout 250 ML, autoclavable	1	12/PKT		
157	500 ML Polypropylene Beakers	Low Form, with Graduation and Spout 500 ML, autoclavable	1	6/PKT		
158	1L Polypropylene Beakers	Autoclavable, Low Form, with Graduation and Spout 1 LIT	1	6/PKT		

159	50 ML Polypropylene Measuring Cylinders	Cylinders, Measuring, Class 'B', Graduated 50 ML, autoclavable	1	2/PKT		
160	100 ML Polypropylene Measuring Cylinders	Cylinders, Measuring, Class 'B', Graduated 100 ML, autoclavable	1	2/PKT		
161	250 ML Polypropylene Measuring Cylinders	Cylinders, Measuring, Class 'B', Graduated 250 ML, autoclavable	1	2/PKT		
162	500 ML Polypropylene Measuring Cylinders	Cylinders, Measuring, Class 'B', Graduated 500 ML, autoclavable	1	2/PKT		
163	1 L Polypropylene Measuring Cylinders	Cylinders, Measuring, Class 'B', Graduated 1 LIT, autoclavable	1	1/PKT		
164	1 ml graduated Serological pipette	1 ml graduated pipette, sterile, individually packed, with optical clarity – high-contrast markings	1	1 box		
165	5 ml graduated Serological pipette	5 ml graduated pipette, sterile, individually packed, with optical clarity – high-contrast markings	1	1 box		
166	10 ml graduated Serological pipette	10 ml graduated pipette, sterile, individually packed, with optical clarity – high-contrast markings	1	1 box		
167	25 ml graduated Serological pipette	25 ml graduated pipette, sterile, individually packed, with optical clarity – high-contrast markings	1	1 box		
168	3ml Pasteur pipettes, sterile	3ml Pasteur pipettes, Pasteur Pipette-sterile, LDPE confirming to US FDA 21 CFR, 500pcs	1	1 box		

Authorized Signatory (Signature In full): \_\_\_\_\_

Name and title of Signatory: \_\_\_\_\_

Stamp of the Company: \_\_\_\_\_

**SECTION – J**

**DETAILS OF ORDERS EXECUTED BY BIDDER**

(Tender No. E-NIT/ZOO/37/DHWU/2022)

Sl. No.	Order No.	Order Date	Order Value	Brief description of items and job details	Completed (Yes/NO)	Name of the Customer	Contact details of the Customer

Authorized Signatory (Signature In full): \_\_\_\_\_

Name and title of Signatory: \_\_\_\_\_

Stamp of the Company: \_\_\_\_\_

**Note:**

- A. Type of Project shall indicate the implementation of services.
- B. Scope of work shall indicate whether it is implementation, Operation or maintenance.
- C. Submit Customer Order Copy details of the order indicating the project value, customer contact details.

**SECTION – K**

**FINANCIAL CAPABILITY OF BIDDER**

(Tender No. E-NIT/ZOO/37/DHWU/2022)

**FINANCIAL INFORMATION**

Sl. No.	Name of the Bidder	Turnover (Rs. / Crores)		
		2019-20	2020-21	2021-22
1				

Authorized Signatory (Signature In full): \_\_\_\_\_

Name and title of Signatory: \_\_\_\_\_

Stamp of the Company: \_\_\_\_\_

Note:

Submit the audited financial statement/ audited annual report of the last three financial years.

## SECTION – L

### BIDDERS'S DETAILS

(Tender No. E-NIT/ZOO/37/DHWU/2022)

1	Name of the Firm	
2.	Registered Office Address	
	Contact Number	
	Fax Number	
	E-mail	
3.	Correspondence / Contact address	
	Name & Designation of Contact person	
	Address	
	Contact Number	
	Fax Number	
	E-mail	
4	Is the firm a registered company? If yes, submit documentary proof	
5	Year and Place of the establishment of the company	
6	Former name of the company, if any	
7	Is the firm <ul style="list-style-type: none"><li>• a Government / Public Sector Undertaking</li><li>• a propriety firm</li><li>• a partnership firm (if yes, give partnership deed)</li><li>• a limited company or limited corporation</li><li>• a member of a group of companies, (if yes, give name and address and description of other companies)</li><li>• a subsidiary of a large corporation (if yes give the name and address of the parent organization). If the company is subsidiary, state what involvement if any, will the parent company have in the project.</li></ul>	
8.	Is the firm registered with Sales Tax department? If yes, submit valid GST Registration certificate.	
9	Is the firm registered for Service Tax with Central Excise Department (Service Tax Cell)? If yes, Submit valid Service Tax registration certificate.	
10	Total number of employees. Attach the organizational chart showing the structure of the organization	
11	Are you registered with any Government/ Department/ Public Sector Undertaking (if yes, give details)	
12	How many years has your organization been in business under your present name?	
13	What type best describes your firm? (Purchaser reserves the right to verify the claims if necessary) <ul style="list-style-type: none"><li>• Manufacturer</li><li>• Supplier</li><li>• System Integrator</li><li>• Consultant</li><li>• Service Provider (Pl. specify details)</li><li>• Software Development</li><li>• Total Solution provider (Design, Supply, Integration, O&amp;M)</li><li>• IT Company</li></ul>	
14	Name of Offices in district head quarters in West Bengal	
15	Is your organization has ISO 9001:2008 certificates?	
16	List the major clients with whom your organization has been / is currently associated.	
17	Have you in any capacity not completed any work awarded to you? (If so, give the name of project and reason for not completing the work)	
18	Have you ever been denied tendering facilities by any Government / University / Public sector Undertaking? (Give	



	details)	
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Authorized Signatory (Signature In full): \_\_\_\_\_

Name and title of Signatory: \_\_\_\_\_

Company Rubber Stamp: \_\_\_\_\_

**SECTION – M**

**MANUFACTURER’S AUTHORIZATION FORM**

Date:

To  
The Registrar  
DIAMOND HARBOUR WOMEN’S UNIVERSITY  
Sarisha, Diamond Harbour Road,  
South 24 Parganas, 743368

Ref: Tender No.: E-NIT/ZOO/37/DHWU/2022 dated 21-10-2022

WHEREAS \_\_\_\_\_ who are official producers of  
\_\_\_\_\_ and having production facilities at  
\_\_\_\_\_ do hereby authorize  
\_\_\_\_\_ located at  
\_\_\_\_\_ (hereinafter, the “Bidder”) to submit a bid of the following Products  
produced by us, for the Supply Requirements associated with the above Invitation for Bids.

When resold by \_\_\_\_\_, these products are subject to our applicable standard end user warranty terms.

We assure you that in the event of \_\_\_\_\_, not being able to fulfill its obligation as our Service Provider in respect of our standard Warranty Terms we would continue to meet our Warranty Terms through alternate arrangements.

We also confirm that \_\_\_\_\_ is our authorized service provider and can hence provide maintenance and upgrade support for our products.

We also confirm that the products quoted are on our current product list and are not likely to be discontinued within 3 years from the day of this letter. We assure availability of spares for the products for the next two years after three years warranty.

We also confirm that the material will be delivered as mentioned from the date of placement of confirmed order.

Name \_\_\_\_\_ In the capacity of \_\_\_\_\_

Signed \_\_\_\_\_

Duly authorized to sign the authorization for and on behalf of \_\_\_\_\_

Dated on \_\_\_\_\_ day of \_\_\_\_\_ 2022

Note: This letter of authority must be on the letterhead of the Manufacturer and duly signed by an authorized signatory.

**SECTION – N**

**FORMAT FOR PRE-BID MEETING QUERY**

(Tender No. E-NIT/ZOO/37/DHWU/2022)

**This is deleted from the tender document and is not required to submit.**



**SECTION – P**

**PROFORMA FOR PERFORMANCE BANK GUARANTEE**

(On non-judicial stamp paper of appropriate value to be purchased in the name of executing Bank)

PROFORMA OF BANK GUARANTEE FOR SECURITY DEPOSIT –CUM-PRFORMANCE  
GUARANTEE

Ref ..... Bank Guarantee no.....

Date.....

PROFORMA OF BG FOR SECURITY DEPOSIT

KNOW ALL MEN BY THESE PRESENTS that in consideration of DIAMOND HARBOUR WOMEN’S UNIVERSITY, a Government of West Bengal Undertaking incorporated under the DHWU Act, 2012 having its Registered office at Sarisha, Diamond Harbour Road, 24 Pgs (S), 743368 (hereinafter called “The Purchaser”) having agreed to accept from \_\_\_\_\_(hereinafter called “The Contractor”) Having its Head Office at \_\_\_\_\_, a Bank guarantee for Rs. \_\_\_\_\_ in lieu of Cash Security Deposit for the due fulfillment by the Contractor of the terms & conditions of the Work Order No.

\_\_\_\_\_ dated \_\_\_\_\_ issued by the Purchaser for \_\_\_\_\_ (hereinafter called “the said work order \_\_\_\_\_ dated \_\_\_\_\_)”. We \_\_\_\_\_ (Name & detailed address of the branch) (hereinafter called “the Guarantor” ) do hereby undertake to indemnify and keep indemnified the Purchaser to the extent of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) only against any loss or damage caused to or suffered by the Purchaser by reason of any breach by the Contractor of any of the terms and conditions contained in the said Work Order No. \_\_\_\_\_ dated \_\_\_\_\_ of which breach the opinion of the Purchaser shall be final and conclusive.

(2) AND WE, \_\_\_\_\_ DO HEREBY Guarantee and undertake to pay forthwith on demand to the Purchaser such sum not exceeding the said sum of \_\_\_\_\_ Rupees \_\_\_\_\_) only as may be specified in such demand, in the event of the Contractor failing or neglecting to execute fully efficiently and satisfactorily the order for \_\_\_\_\_ Work Order no. , \_\_\_\_\_ dated \_\_\_\_\_

(3) WE \_\_\_\_\_ further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said order as laid down in the said Work Order No. \_\_\_\_\_ dated \_\_\_\_\_ including the warranty obligations and that it shall continue to be enforceable till all the dues of the Purchaser under or by virtue of the said Work Order No. \_\_\_\_\_ dated \_\_\_\_\_ have been fully paid and its claims satisfied or is charged or till the Purchaser or its authorized representative certified that the terms and conditions of the said Work Order No. \_\_\_\_\_ dated \_\_\_\_\_ have been fully and properly carried out by the said contractor and accordingly discharged the guarantee.

(4) We \_\_\_\_\_ the Guarantor undertake to extend the validity of Bank Guarantee at the request of the contractor for further period of periods from time to time beyond its present validity period failing which we shall pay the Purchaser the amount of Guarantee.

(5) The liability under the Guarantee is restricted to Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) only and will expire on \_\_\_\_\_ and unless a claim in writing is presented to us or an action or suit to enforce the claim is filed against us within 6 months from \_\_\_\_\_ all your rights will be forfeited and we shall be relieved of and discharged from all our liabilities (thereinafter)

(6) The Guarantee herein contained shall not be determined or affected by liquidation or winding up or insolvency or closer of the Contractor.

(7) The executants has the power to issue this guarantee on behalf of Guarantor and holds full and valid power of Attorney granted in his favour by the Guarantor authorizing him to execute the Guarantee.

(8) Notwithstanding anything contained herein above, our liability under this guarantee is restricted to Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) only and our guarantee shall remain in force up to \_\_\_\_\_ and unless a demand or claim under the guarantee is made on us in writing on or before \_\_\_\_\_ all your rights under the guarantee shall be forfeited and we shall be relieved and discharged from all liabilities there under.

WE, \_\_\_\_\_ lastly undertake not to revoke this guarantee during the currency except with the previous consent of the Purchaser in writing. In witness whereof we \_\_\_\_\_ have set and subscribed our hand on this \_\_\_\_\_ day of \_\_\_\_\_.

SIGNED, SEALED AND DELIVERED

\_\_\_\_\_  
(Stamp of the executants)

WITNESS

1) \_\_\_\_\_

2) \_\_\_\_\_

(Name & address in full with Rubber Stamp)

### **INSTRUCTIONS FOR FURNISHING BANK GUARANTEE**

1. Bank Guarantee (B.G.) for Advance payment, Mobilization Advance, B.G. for security Deposit-cum-Performance Guarantee, Earnest Money should be executed on the Non- Judicial Stamp paper of the applicable value and to be purchased in the name of the Bank.
2. The Executor (Bank authorities) may mention the Power of Attorney No. and date of execution in his/her favour with authorization to sign the documents. The Power of Attorney is to be witnessed by two persons mentioning their full name and address.
3. The B.G. should be executed by a Nationalised Bank/ Scheduled Commercial Bank preferably on a branch located in Sarisha. B.G. from Co-operative Bank / Rural Banks is not acceptable.
4. A Confirmation Letter of the concerned Bank must be furnished as a proof of genuineness of the Guarantee issued by them.
5. Any B.G. if executed on Non-Judicial Stamp paper after 6 (six) months of the purchase of such stamp shall be treated as Non-valid.
6. Each page of the B.G. must bear signature and seal of the Bank and B.G. Number.
7. The content of the B.G. shall be strictly as Proforma prescribed by DHWU in line with Purchase Order /LOI/ Work Order etc. and must contain all factual details.
8. Any correction, deletion etc. in the B.G. should be authenticated by the Bank Officials signing the B.G.
9. In case of extension of a Contract the validity of the B.G. must be extended accordingly.
10. B.G. must be furnished within the stipulated period as mentioned in Purchase Order / LOI / Work Order etc.
11. Issuing Bank / The Bidder are requested to mention the Purchase Order / Contract / Work Order reference along with the B.G. No. For making any future queries to DHWU.

**SECTION - Q**

**NIT DECLARATION**

(Bidders are requested to furnish the Format given in this section, filling the entire Blank and to be

submitted on Bidder's Letter Head)

To  
The Registrar  
DIAMOND HARBOUR WOMEN'S UNIVERSITY  
Sarisha, Diamond Harbour Road,  
South 24 Parganas, 743368

**Sub: Delivery of consumable items for SERB funded research project in Zoology Laboratory**  
**(Principal investigator – Dr. Shantanabha Das)**

Dear Sir,

We the undersigned bidder/(s) declare that we have read and examined in details the specifications and other documents of the subject tender no. E-NIT/ZOO/37/DHWU/2022 dated 21.10.2022 Delivery of consumable items for SERB funded research project in Zoology Laboratory (Principal investigator – Dr. Shantanabha Das) published by DIAMOND HARBOUR WOMEN'S UNIVERSITY in e-Tender website.

We further declare that we have agreed and accepted all the clauses / sub-clauses / formats / terms & conditions other requirements related to the said tender and we will abide by the same as mentioned in the tender document while participating and executing the said tender.

Thanking you, we remain

Yours faithfully

.....  
Signature

.....  
Name in full

.....  
Designation

.....  
Company Stamp

Dated, this .....day of .....2022