

OFFICE OF THE REGISTRAR : BODOLAND UNIVERSITY

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F. No – BU/Engg/OF&M/2021-22/133/1228

date – 04/01/2023

**Notice Inviting Tender**

Sealed Tenders are invited from reputed original aquarium manufactures/authorized dealers/Authority suppliers/individuals for Supply, Installation, Commissioning of Siliconised aquariums and other equipments required for exploring tourism potential with indigenous ornamental fish, and fish food formulation from mushroom, BTR. Detailed specification of the items, terms & conditions etc are given below. Last date of submission of Tender with all relevant papers is 20/01/2023 up-to 12:00 noon to be submitted at Tender box of Bodoland University.

The tender should be submitted in one sealed envelope containing two separate envelopes i.e. Part –I TECHNICAL BID and Part –II FINANCIAL BID. The technical bid shall be opened on above mentioned date and time and the financial bid of only those bidders who qualify in technical bid shall be opened on the same date or at a later date which shall be intimated to the bidder whose technical bid are found to be valid. Detailed specification and any other special features along with company manuals, receipt of Tender fee deposited should be submitted with their Technical bid. Tentative cost is Rs. 13,53,640.00 only.

The bidders are advised to visit the website [www.buniv.edu.in](http://www.buniv.edu.in) for download the detail forms.

The tender fee for an amount of Rs. 1,000/- (non-refundable) and EMD 2% of total quoted amount (Re-fundable) should be deposited in the Bodoland University Account No. 31607155480, IFSC Code- SBIN0007379 by online mode. The receipts of the tender/EOI fee and EMD deposited should be submitted along with the technical bid. In case, if any Bandh/Holiday falls in any respect/sequence, the sequence will be held in the next working day.

The university authority reserves the right to reject or accept any one or all tender without assigning any reasons thereof.

Registrar

Copy to :-

1. The P.S to the V.C for kind appraisal to him.
2. The Finance Officer, i/c, for information.
3. Prof. Sandeep Das, for information.
4. The System Administrator for upload in university website.
5. The Member Secretary, Purchase Committee for information.

Registrar

Technical specifications:-

	<b>PARTICULARS</b>	<b>Sq. feet/ Qty</b>	<b>Qty.</b>
<b>1</b>	<b>SILICONIZED AQUARIUM</b>		
<b>A</b>	<b>BIG SIZE 6' X 2' X 2.5' DELUX TYPE</b>		
a	Thickness 10 mm	<b>52</b>	<b>1</b>
b	Wooden Border		
c	Table 6' X 2' X 1' . Preferably wooden table of durable wood		
d	Incentive for table making		
e	Thermacoel		
f	Power Filter of good quality of minimum 2 years warranty	<b>2</b>	
g	Thermostat Heater	<b>2</b>	
h	Accessories like pipe etc		
i	Incentive for aquarium construction		
j	Automated Fish Food Timer with variable timing period		
k	Aquarium interior and scenery		
l	Aquarium Roof . Preferably wooden or equivalent of size to fit the aquarium of 6' X 2' X 2.5'		
m	White light inside with LED of different colors		
n	Gravel		
o	Toy and designer stones		
p	Aquarium fishes like parrot fish, gold fish, Red Cap Orenda, feather fish, ghost fish etc of good numbers		
q	Silicon glue		
r	Multiplug Cord		

<b>B</b>	<b>Moderate Size 5' X 1.5' X 1.5' DELUX TYPE</b>	<b>Sq. feet/ Qty</b>	<b>Qty.</b>
a	Thickness 8 mm	28	1
b	Wooden Border		
c	Table 6' X 2' X 1'. Preferably wooden table of durable wood		
d	Incentive for table making		
e	Thermacoel		
f	Power Filter of good quality of minimum 2 years warranty	2	
g	Thermostat Heater (Small size)	2	
h	Accessories like pipe etc		
i	Incentive for aquarium construction		
j	Automated Fish Food Timer with variable timing period		
k	Aquarium interior and scenery		
l	Aquarium Roof . Preferably wooden or equivalent of size to fit the aquarium of 5' X 1.5' X 1.5'		
m	White light inside with LED of different colors		
n	Gravel		
o	Toy and designer stones		
p	Aquarium fishes like parrot fish, gold fish, Red Cap Orenda, feather fish, ghost fish etc of good numbers		
q	Silicon glue		
r	Multiplug Cord		

C	Small Size 5' X 1' X 1.5' DELUX TYPE	Sq. feet/ Qty	Qty.
a	Thickness 6 mm	23	1
b	Wooden Border		
c	Table 5' X 1' X 1'. <b>Preferably wooden table of durable wood</b>		
d	Incentive for table making		
e	Thermacoel		
f	Power Filter of <b>good quality of minimum 2 years warranty</b>	2	
g	Thermostat Heater (Small size)	2	
h	Accessories like <b>pipe etc</b>		
i	Incentive for aquarium construction		
j	<b>Automated</b> Fish Food Timer with variable <b>timing period</b>		
k	Aquarium interior and scenery		
l	Aquarium Roof. <b>Preferably wooden or equivalent of size to fit the aquarium of 5' X 1' X 1.5'</b>		
m	White light inside <b>with LED of different colors</b>		
n	Gravel		
o	Toy and designer stones		
p	Aquarium fishes <b>like parrot fish, gold fish, Red Cap Orenda, feather fish, ghost fish etc of good numbers</b>		
q	Silicon glue		
r	Multiplug Cord		

<b>D</b>	<b>Moderate Size 5' X 1.5' X 1.5' NORMAL TYPE</b>	<b>Sq. feet/ Qty</b>	<b>Qty.</b>
a	Thickness 8 mm	28	2
b	Table 5' X 1' X 1' . <b>Preferably wooden table of durable wood</b>		
c	Incentive for table making		
d	Thermacoel		
e	Power Filter of <b>good quality of minimum 2 years warranty</b>	1	
f	Thermostat Heater (Small size)	1	
g	Accessories like <b>pipe etc</b>		
h	Incentive for aquarium construction		
i	Aquarium interior and scenery		
j	Aquarium Roof . <b>Preferably wooden or equivalent of size to fit the aquarium of 5' X 1.5' X 1.5'</b>		
k	White light inside <b>with LED of different colors</b>		
l	Gravel		
m	Toy and designer stones		
n	Aquarium fishes <b>like parrot fish, gold fish, Red Cap Orenda, feather fish, ghost fish etc of good numbers</b>		
o	Silicon glue		
p	Multiplug Cord		

E	Small Size 5' X 1' X 1.5' NORMAL TYPE	Sq. feet/ Qty	Qty.
a	Thickness 6 mm	23	1
b	Table 5' X 1' X 1'. <b>Preferably wooden table of durable wood</b>		
c	Incentive for table making		
d	Thermacoel		
e	Power Filter of <b>good quality of minimum 2 years warranty</b>	1	
f	Thermostat Heater (Small size)	1	
g	Accessories like <b>pipe etc</b>		
h	Incentive for aquarium construction		
i	Aquarium interior and scenery		
j	Aquarium Roof . <b>Preferably wooden or equivalent of size to fit the aquarium of 5' X 1' X 1.5'</b>		
k	White light inside <b>with LED of different colors</b>		
l	Gravel		
m	Toy and designer stones		
n	Aquarium fishes <b>like parrot fish, gold fish, Red Cap Orenda, feather fish, ghost fish etc of good numbers</b>		
o	Silicon glue		
p	Multiplug Cord		

2	<b>ELECTRIFICATION</b> for 16 Nos. of Aquarium Electrification for 16 aquariums with earthing and also port for power pump and heater in each aquarium (4 mm Copper wire =4 Coils, SS Combine (16), MCCB (1), Flexible wire (5 Coils), 32 Points for power pump, 32 Points for thermostat, casing, incentive for electrification		
3	Glass Boxes for 4' X 1 ½ ' X 1 ½ ' ( 5 mm ) for plankton culture		8
4	<b>Steriozoom Microscope of good brand with documentation facility and videography facility with good working space. Purpose is documenting life cycle and other biological processes of planktons with preferably 3 years warranty The magnification of the microscope is minimum 4x to 10x and preferably upto 40x optical zoom. Preferably motorized stage with large working area.</b>		
5	Full Frame DSLR Professional camera for under water photography with accessories (like Nikon D850 45.7MP/CANON EOS 5D MARK IV type/ equivalent ) with professional lens for capturing photographs of ornamental camera with other accessories like extra battery holder, filters etc		
6	Chemicals/Media for plankton culture  KNO <sub>3</sub> , NaHPO <sub>4</sub> , CaCl <sub>2</sub> , HCl, Boric acid, Zncl <sub>2</sub> , Ammonium molybdate, vitamin B1, Vitamin B12, NH <sub>4</sub> Cl,, Na <sub>2</sub> glycerophosphate, Na <sub>2</sub> SiO <sub>3</sub> .9H <sub>2</sub> O., FeEDTA, Na <sub>2</sub> EDTA, FeCl <sub>3</sub> .6H <sub>2</sub> O, CuSO <sub>4</sub> .5H <sub>2</sub> O, ZnSO <sub>4</sub> .5H <sub>2</sub> O, CoCl <sub>2</sub> .6H <sub>2</sub> O, MnCl <sub>2</sub> .4H <sub>2</sub> O, Na <sub>2</sub> MoO <sub>4</sub> .2H <sub>2</sub> O and boron, ThiamineHCl, Nicotinic Acid, Ca Pantothenate, b- Aminobenzoic acid, Biotin 1-Inositol, Tris, Glycyl glycine and liver extract.		

7	Labwares		
	Sample analysis for nutritional profiling of fish food from mushroom		
	Water and soil analysis bench top Instrument (8 Parameters and upto 14 parameters ). The minimum parameters are pH, Conductivity, TDS, Salinity, Temperature, Dissolved Oxygen, ORP (mV), Turbidity with inbuilt battery backup for outdoor works on the location.		
	Anodized Aluminium and glass partition for control condition of plankton culture preferably minimum of 78 feet X 6.5 feet with one door of dimension 3 feet X 6 feet		
	Air Conditioner 1.5 Ton (1 Nos) split type with stabilizers and other accessories		
	Almirah. Preferably of 6 feet X 3 feet		1
	All in One Computer System. Intel N4020, 8 GB RAM, 256 GB SSD, 2 Yrs Onsite Warranty		1
	Stainless Racks (6' X2' X5')		1



<b>Sl. No</b>	<b>Name of Chemical</b>	<b>Quantity</b>	
1	Potassium Nitrate	500gm x 01	
2	Sodium phosphate monobasic	500gm x 01	
3	Calcium chloride	500gm x 01	
4	Boric acid	500gm x 01	
5	Zinc Chloride	500gm x 01	
6	Ammonium molybdate	100gm x 01	
7	VitaminB1	20Plts x 01	
8	Vitamin B12	1gm x 01	
9	Ammonium Chloride	500gm x 01	
10	Sodium glycerophosphate Code:	1gm x 01	
11	Sodium Metasilicate Nonahydrate	250gm x 01	
12	Ferric Ethylenediaminetetraacetic Acid	100gm x 01	
13	Ethylenedinitrilotetraacetic acid disodium salt dehydrate	500gm x 01	
14	ferric chloride hexahydrate	500gm x 01	
15	Copper sulfate pentahydrate	500gm x 01	
16	Zinc sulfate	500gm x 01	
17	Cobalt chloride hexahydrate	100gm x 01	
18	Manganese dichloride	500gm x 01	
19	Sodium molybdate	100gm x 01	
20	Boron	25gm x 01	
21	Thiamine HCl	10gm x 01	
22	Nicotinic Acid	100gm x 01	
23	Ca Pantothenate	25gm x 01	
24	b- Aminobenzoic acid	5gm x 01	
25	Biotin 1-Inositol	Min.Pack	
26	Tris HCl	100gm x 01	
27	Liver extract	500gm x 01	
28	Glycine	500ml x 01	

<b>Sl. No</b>	<b>Name of Lab ware</b>	<b>Quantity</b>	
1	Beaker 1000ml (Pack of 6)	1 Box	
2	Beaker 500ml (Pack of 8)	1 Box	
3	Beaker 250ml (Pack of 10)	1 Box	
4	Beaker 100ml (Pack of 10)	1 Box	
5	Conical Flask 1000ml (Pack of 10)	1 Box	
6	Conical Flask 500ml (Pack of 10)	1 Box	
7	Conical Flask 250ml (Pack of 10)	1 Box	
8	Conical Flask 100ml (Pack of 10)	1 Box	
9	Micro Pipette 1000 ul-Variable	01 Nos.	
10	Micro pipette Tip 1000ul	1 Pkt	
11	Measuring Cylinder PP type 1000ml	01 Nos.	
12	Measuring Cylinder PP type 500ml	01 Nos.	
13	Measuring Cylinder PP type 250ml	01 Nos.	
14	Tissue Paper (Pack of 10)	1 Box	
15	Aluminium Foil	1 Roll	
16	Non Adsorbant Tissue	1 Roll	

## RESPONSE FORM

The form should be typewritten in uppercase (or written in capital letters) and completed clearly and accurately ensuring that all questions are answered. The numbers below correspond to item numbers on the registration form.

### **SECTION 1: COMPANY DETAILS AND GENERAL INFORMATION**

**1. NAME OF COMPANY/INSTITUTION:**

**2. STREET ADDRESS:**

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**3. P.O. BOX and MAILING ADDRESS:**

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**4. TEL NO:** \_\_\_\_\_ **6. E-MAIL ADDRESS:** \_\_\_\_\_

**8. CONTACT NAME AND TITLE:**

**9. PARENT COMPANY (Full legal name):**

**10. SUBSIDIARIES, ASSOCIATES AND/OR OVERSEAS REPRESENTATIVE(S):**  
(Attach list, if necessary)

**11a. NATURE OF BUSINESS (Tick one box only):**

**Manufacturer:**     **Traders:**     **Authorized Agent:**     **Consulting Company:**

**Other (specify):** \_\_\_\_\_

**11b. TYPE OF BUSINESS:**

**Corporate/Limited:**     **Partnership:**     **Government Agency:**     **University:**

**Other (specify):** \_\_\_\_\_

**12. YEAR ESTABLISHED:**

**13. NUMBER OF FULL-TIME EMPLOYEES:**

**14. TRADE LICENCE NUMBER:** \_\_\_\_\_

## TERMS AND CONDITIONS :-

### GENERAL INFORMATION

The tender bids duly complete in all respects, along with the necessary documents should be submitted to the Registrar, Bodoland University. The Technical Bids so received, shall be opened on 20/01 2023 at 12.00 noon in the Office of the Registrar, Bodoland University in the presence of the representatives of the bidders. The Financial bid of the Bidders shall be opened on the same date or at a later date to be intimated to the bidders whose Technical Bids are found to be valid. Right to reject any or all Tenders, without assigning any reason thereof is reserved by the authority of Bodoland University.

#### Terms and Conditions of Supply:

1. Original Aquarium Manufacturers / Dealers/ Authority Supplier/ Individuals having minimum experience of 3 years in aquarium supply. The intending bidder should have never made any default in supplying / Maintenance of Aquariums Authority / Semi Authority/ Central or State Public sector enterprise(s) for any reasons in the last five years.

1. The last date and time for the acceptance of the bids is 20/01/2023 up-to 12:00 noon.
2. Suppliers should be submitted the following documents along with their quotations:

**a. Technical Bid:**

**Cover-I**

(a) Unconditional Covering Letter,

(b) The contractor's experience of successful execution of similar works having value mentioned in the N.I.T. The details of work order and work completion certificate from the executing officers may be furnished for establishing eligibility.

**(c) PAN, GST Registration, Trade License, Bank balance sheet, experience certificate Income Tax Clearance Certificate, GST Registration Certificates etc.**

(d) Tender documents.

(e) Tender fee deposited receipt.

(f) Non black listed certificate in stamp paper.

**b. Financial Bid :** The Tender document with Bill of Quantities, duly priced and the **Cover-II** enclosed set of Tender Drawings duly signed.

(c) Technical specifications offered by the Supplier.

(d) Technical compliance table

(e) Technical literature regarding the offered products including diagrams.

3. The rates should be mentioned in the Schedule attached with the Tender Document. Each page of the tender shall be signed in full and stamped with the seal by the supplier. The supplier must clearly state in what capacity he or she is signing the Tender.
4. The supplier shall submit the tender in two envelopes. The first envelope (Technical Bid) shall contain all the documents referred to in above and sealed. The second envelope (Commercial Bid) shall contain the Schedule, in which the supplier shall register the rates of supply. The second envelope shall also, likewise, be sealed. Both the envelope then should be put together, and should be sealed in an envelope on which the cut out slip provided as part of the tender document should be pasted, and should prescribe time and date. The Technical Bid shall be opened first to ensure that suppliers have submitted all the requisite documents. If the Technical Bids are not in order or are deficient in some respect, the commercial bids in respect of such tenders shall not be opened. The date and time of opening the financial bids shall be announced one day after opening all the Technical bids.
5. Supplier should read carefully all the instructions and terms and conditions, etc before registering rates in prescribed schedule of the tender. Taxes and duties etc. should be shown separately.
6. The Technical Documents shall be opened, at 12:30 P.M. on 20/01/2023 or on the next working day if the offices of the University remain closed due to any reason.
7. Technical specifications of the instruments/equipments are given separately.
8. The delivery and installation should be completed within 45 (forty five) days or as specified from placing of the order. No extension shall be granted to the contractors/suppliers for the period of delivery, under any circumstances.
9. If the supplier fails to deliver the article as per the delivery schedule, the University shall be free to procure the balance/undelivered supply, at the risk and cost of the supplier, from other such suppliers.
10. The goods, articles, materials supplied by the supplier shall be accepted after inspection by an officer authorized by the competent authority. No articles/materials which do not conform to the specifications laid down in the terms and conditions or damaged in transit shall be accepted.
11. The bills of the suppliers shall be paid by the University after all the materials/articles/equipments have been received and installed, inspected.
12. Supplier/Vendor must submit Compliance statement in tabular form comparing each specification of the quoted item with that given in the Tender Document
13. The bidder has to install all the required applications provided by the user and also has to provide at least 1 (one) day training to the user including their group.
14. This tender document is not transferable.

15. In the event of any breach of the terms and conditions of the supply, the University may terminate the contract placed with the supplier and forfeit the security deposit of the supplier.
16. The Bidder shall have to be an Original Equipment Manufacturer (OEM) certificate of the products.
17. The bidder should have average annual sales turnover of Rs.10.00 lakh or more during the last three financial years ending 31<sup>st</sup> March, 2022. Attach firm's last 3 years audited profit and loss Account balance sheet duly audited by C.A.
18. The quantity as mentioned may be increased or decreased at the time of placing Order as per requirement.
19. Bidders are advised to study all technical and commercial aspects, instructions, forms, terms and specifications carefully in the tender document. Failure to furnish all information required in the Tender Document or submission of a bid not substantially responsive to the Tender document in every respect will be at the bidder's risk and may result in the rejection of the bid.
- 20. If the Supplier/Firm could not meet up the standard of the work or not up to the satisfaction of the authority during execution and supply, the authority would not liable to release the payment for partially or whole of the work, as desired, whose decision would be the final. The Supplier/Firm should be bound to accept the decision without any claim thereof.**
21. The payment of bill against the supply work would be paid directly to the concerned firm by the BTC, Authority or by the University, if the fund would be deposited by the BTC to the University. The University shall not be responsible in any manner for the payment against bill by the BTC, Authority The Supplier/Contractor/Firm should be bound to accept the decision without any claim thereof.
22. Any dispute between the Parties on matters concern shall be resolved by mutual discussion and legal recourse shall be only as last resort, in which case the matter shall be submitted for Arbitration subject to Kokrajhar Jurisdiction only.
23. Note:
  1. (a) Bidders are advised to read carefully the Terms and Conditions of supply before recording the rates in this Schedule. Bidder should sign all the relevant documents along with Tender documents and should be submitted with the technical bid. Before submission of the Tender, Bidder shall sign each page of the tender form/document and all of its relevant papers with date. The additional alternative and or subtractive clause (if any) shall also to be signed by the bidder, otherwise Bid documents may be treated as cancelled.
  - (c) No erasures or overwriting shall be allowed, unless they are authenticated under the full signature and the seal of the bidder.

(d) The University reserves the right to:

(i) Accept/reject any/all tenders without assigning any reason thereof.

(ii) Revise the quantities at the time of placing the order without change in the rate quoted by the bidder.

(iii) Add/modify/relax or waive any of the conditions stipulated in the tender document whenever deemed necessary.

(iv) Award the contract to one or more bidders for the items covered by the tender.

24. The specification of the Aquariums as mentioned in the Annexure-A are the minimum requirements of tender, however higher specifications of Aquariums may be considered within the bid amount.

25. The bidder shall offer comprehensive maintenance of Aquariums for minimum Two years from the date of successful installation of Aquarium at the designated location.

26. Bodoland University expects the supply and Installation of all Aquariums at the specified locations by the bidder within Forty five (45) calendar days from the date of acceptance of work order. The bidder shall note that in case bidder fails to supply within the period of delivery, penalty @2% of value of the order per week of delay would be levied subject to maximum 2 weeks. After that the supply order shall be cancelled and EMD and Security Deposit will be forfeited.

27. Bodoland University shall not be responsible for any damage due to any reason during the transportation of Aquariums/equipment to the designated site.

28. Tender Document can be downloaded from our website [buniv.edu.in](http://buniv.edu.in) from .....

29. The EMD will be returned to the unsuccessful bidders soon after the work is awarded to the successful bidder.

### 30. Earnest Money Forfeit:

a. In case of successful bidder, the EMD will be released along, as per payment terms mentioned. The EMD will also be forfeited in following cases:

b. If the bidder fails to accept, the supply order issued, based on his/her offer (bid) within the prescribed time.

c. If the bidder fails to supply the Aquariums with specifications as mentioned.

d. If the bidder delays supplies beyond a reasonable time resulting in disruption of project.

- e. Bidder for any reason whatsoever withdraws the tender after it is accepted or become unable or fails to execute the orders within stipulated delivery period.
- f. Submission of misleading/contradictory/false statement or information and fabricated/invalid documents is detected before or after the issue of order to execute the supplies.

**31. BODOLAND UNIVERSITY's Right to amend / cancel.**

- a.** Bodoland University reserves the right to amend the eligibility criteria, Financial bid terms & conditions, Scope of Work, technical specifications etc before last date of submission.
- b.** Bodoland University reserves the right to cancel the entire work without assigning any reasons thereof.

**32. Security Deposit Forfeit:**

- a.** If the bidder fails to accept, the supply order issued, based on his/her offer (bid) within the prescribed time.
- b.** If the bidder fails to supply the Aquariums with specifications as mentioned.
- c.** If the bidder delays supplies beyond a reasonable time resulting in disruption of project.
- d.** Bidder for any reason whatsoever withdraws the tender after it is accepted or become unable or fails to execute the orders within stipulated delivery period.
- e.** Submission of misleading/contradictory/false statement or information and fabricated/invalid documents is detected before or after the issue of order to execute the supplies.



## Declaration

1. I declare that all the terms and conditions stated in the Notice Inviting Tender are acceptable to me/us and I/We shall abide by the same in case the contract is awarded to me/us.
2. I also declare that the specification given would strictly be maintained by me/us.
3. I/we understand that non-fulfillment and/or partly fulfillment of specification as made is liable for penalty as deemed fit and necessary by the University authority.
4. All the particulars furnished by me/us in the bid are true to the best of my/our knowledge.
5. I/We will also abide by the conditions that should be stipulated during the period of contract.
6. The decision of the authority will be accepted by me/us during and after the bid evaluation process, without any assigning reason thereof.
7. The payment of bill against the supply work would be paid directly to the concerned firm by the BTC, Authority or by the University, if the fund would be deposited by the BTC to the University. The University shall not be responsible in any manner for the payment against bill by the BTC Authority. The Supplier/Contractor/Firm should be bound to accept the decision without any claim thereof.

Date:

(Signature of the Bidder)

Name:

Place:

Contact Number:

Address:

FORMAT & REQUIREMENTS FOR SUBMITTING TECHNICAL BID

**1. Information of the Bidder:**

<b>Sl. No.</b>	<b>Particulars</b>	<b>Details</b>
1	Name of the bidder	
2	Registered/Postal Address of the bidder	
3	Date of Registration with Registration No.	
4	GST No.	
5	PAN No.	
6	Name and designation of the contact person	
7	Telephone / Mobile no.	
8	E-mail address of the contact person	
9	Website	
10.	Bank Details:	
a	Bank Name & Branch Address	
b	Account No.	
c	Type of Account (Current/Saving)	

**2. Eligibility requirement and documents required for Evaluation of Technical Bid:**

<b>Sl. No</b>	<b>Particulars</b>	<b>Eligibility Criteria</b>
<b>1.</b>	Status of the applicant having experience in supply of Aquarium for offices/ Establishments	Original Aquarium Manufacturers / Dealers/ General Govt. Supplier/ Individuals (Self-certified copy of the Registration certificate should be submitted)

## Financial bid-

Specification should be as stipulated in technical part

Sl. No	PARTICULARS	Sq. feet / No	Qty.	Rate in Rs.	Grand Total
1	<b>SILICONIZED AQUARIUM</b>				
A	<b>BIG SIZE 6' X 2' X 2.5' DELUX TYPE</b>				
a	Thickness 10 mm	52	1		
b	Wooden Border				
c	Table 6' X 2' X 1' . Preferably wooden table of durable wood	No	1		
d	Incentive for table making				
e	Thermacoel				
f	Power Filter of good quality of minimum 2 years warranty		2		
g	Thermostat Heater		2		
h	Accessories like pipe etc				
i	Incentive for aquarium construction				
j	Automated Fish Food Timer with variable timing period	No	1		
k	Aquarium interior and scenery				
l	Aquarium Roof . Preferably wooden or equivalent of size to fit the aquarium of 6' X 2' X 2.5'	No	1		
m	White light inside with LED of different colors				
n	Gravel				

o	Toy and designer stones				
p	Aquarium fishes like parrot fish, gold fish, Red Cap Orenda, feather fish, ghost fish etc of good numbers				
q	Silicon glue				
r	Multiplug Cord				
<b>B</b>	<b>Moderate Size 5' X 1.5' X 1.5' DELUX TYPE</b>				
a	Thickness 8 mm	28	1		
b	Wooden Border				
c	Table 6' X 2' X 1'. Preferably wooden table of durable wood		1		
d	Incentive for table making				
e	Thermacoel				
f	Power Filter of good quality of minimum 2 years warranty		2		
g	Thermostat Heater (Small size)		2		
h	Accessories like pipe etc				
i	Incentive for aquarium construction				
j	Automated Fish Food Timer with variable timing period		1		
k	Aquarium interior and scenery				
l	Aquarium Roof . Preferably wooden or equivalent of size to fit the aquarium of 5' X 1.5' X 1.5'		1		
m	White light inside with LED of different colors				

n	Gravel				
o	Toy and designer stones				
p	Aquarium fishes like parrot fish, gold fish, Red Cap Orenda, feather fish, ghost fish etc of good numbers				
q	Silicon glue				
r	Multiplug Cord				
C	<b>Small Size 5' X 1' X 1.5' DELUX TYPE</b>				
a	Thickness 6 mm	23	1		
b	Wooden Border				
c	Table 5' X 1' X 1'. Preferably wooden table of durable wood		1		
d	Incentive for table making				
e	Thermacoel				
f	Power Filter of good quality of minimum 2 years warranty		2		
g	Thermostat Heater (Small size)		2		
h	Accessories like pipe etc				
i	Incentive for aquarium construction				
j	Automated Fish Food Timer with variable timing period		1		
k	Aquarium interior and scenery				
l	Aquarium Roof. Preferably wooden or equivalent of size to fit the aquarium of 5' X 1' X 1.5'		1		

m	White light inside with LED of different colors				
n	Gravel				
o	Toy and designer stones				
p	Aquarium fishes like parrot fish, gold fish, Red Cap Orenda, feather fish, ghost fish etc of good numbers				
q	Silicon glue				
r	Multiplug Cord				
<b>D</b>	<b>Moderate Size 5' X 1.5' X 1.5' NORMAL TYPE</b>				
a	Thickness 8 mm	28	2		
b	Table 5' X 1' X 1' .Preferably wooden table of durable wood		1		
c	Incentive for table making				
d	Thermacoel				
e	Power Filter of good quality of minimum 2 years warranty		1		
f	Thermostat Heater (Small size)		1		
g	Accessories like pipe etc				
h	Incentive for aquarium construction				
i	Aquarium interior and scenery				
j	Aquarium Roof . Preferably wooden or equivalent of size to fit the aquarium of 5' X 1.5' X 1.5'		1		
k	White light inside with LED of different colors				

l	Gravel				
m	Toy and designer stones				
n	Aquarium fishes like parrot fish, gold fish, Red Cap Orenda, feather fish, ghost fish etc of good numbers				
o	Silicon glue				
p	Multiplug Cord				
E	<b>Small Size 5' X 1' X 1.5' NORMAL TYPE</b>				
a	Thickness 6 mm	23	1		
b	Table 5' X 1' X 1'. Preferably wooden table of durable wood		1		
c	Incentive for table making				
d	Thermacoel				
e	Power Filter of good quality of minimum 2 years warranty		1		
f	Thermostat Heater (Small size)		1		
g	Accessories like pipe etc				
h	Incentive for aquarium construction				
i	Aquarium interior and scenery				
j	Aquarium Roof . Preferably wooden or equivalent of size to fit the aquarium of 5' X 1' X 1.5'		1		
k	White light inside with LED of different colors				
l	Gravel				



m	Toy and designer stones				
n	Aquarium fishes like parrot fish, gold fish, Red Cap Orenda, feather fish, ghost fish etc of good numbers				
o	Silicon glue				
p	Multiplug Cord				
2	<b>ELECTRIFICATION</b> for aquariums with earthing and also port for power pump and heater in each aquarium (4 mm Copper wire =4 Coils, SS Combine (16), MCCB (1), Flexible wire (5 Coils), 32 Points for power pump, 32 Points for thermostat, casing, incentive for electrification		5		
3	Glass Boxes for 4' X 1 ½ ' X 1 ½ ' ( 5 mm ) for plankton culture		8		
4	Steriozoom Microscope of good brand with documentation facility and videography facility with good working space. Purpose is documenting life cycle and other biological processes of planktons with preferably 3 years warranty The magnification of the microscope is minimum 4x to 10x and preferably upto 40x optical zoom. Preferably motorized stage with large working area.		1		
5	Full Frame DSLR Professional camera for under water photography with accessories (like Nikon D850 45.7MP/CANON EOS 5D MARK IV type/ equivalent ) with professional lens for capturing photographs of ornamental camera with other accessories like extra battery holder, filters etc		1		

6	Sample analysis for nutritional profiling of fish food from mushroom				
7	Water and soil analysis bench top Instrument (8 Parameters and upto 14 parameters ). The minimum parameters are pH, Conductivity, TDS, Salinity, Temperature, Dissolved Oxygen, ORP (mV), Turbidity with inbuilt battery backup for outdoor works on the location.		1		
8	Anodized Aluminium and glass partition for control condition of planton culture preferably minimum of 78 feet X 6.5 feet with one door of dimension 3 feet X 6 feet				
9	Air Conditioner 1.5 Ton (1 Nos)split type with stabilizers and other accessories		1		
10	Almirah. Preferably of 6 feet X 3 feet		1		
11	All in OneComputer System. Intel N4020, 8 GB RAM, 256 GB SSD, 2 Yrs Onsite Warranty		1		
12	Stainless Racks (6' X2' X5')		1		

13.

Sl. No	Name of Chemical	Quantity	Rate in Rs.	Amount in Rs.
1	Potassium Nitrate	500gm x 01		
2	Sodium phosphate monobasic	500gm x 01		
3	Calcium chloride	500gm x 01		
4	Boric acid	500gm x 01		
5	Zinc Chloride	500gm x 01		
6	Ammonium molybdate	100gm x 01		
7	VitaminB1	20Plts x 01		
8	Vitamin B12	1gm x 01		
9	Ammonium Chloride	500gm x 01		
10	Sodium glycerophosphate Code:	1gm x 01		
11	Sodium Metasilicate Nonahydrate	250gm x 01		
12	Ferric Ethylenediaminetetraacetic Acid	100gm x 01		
13	Ethylenedinitrilotetraacetic acid disodium salt dehydrate	500gm x 01		
14	ferric chloride hexahydrate	500gm x 01		
15	Copper sulfate pentahydrate	500gm x 01		
16	Zinc sulfate	500gm x 01		
17	Cobalt chloride hexahydrate	100gm x 01		
18	Manganese dichloride	500gm x 01		
19	Sodium molybdate	100gm x 01		
20	Boron	25gm x 01		
21	Thiamine HCl	10gm x 01		
22	Nicotinic Acid	100gm x 01		
23	Ca Pantothenate	25gm x 01		
24	b- Aminobenzoic acid	5gm x 01		
25	Biotin 1-Inositol	Min.Pack		
26	Tris HCl	100gm x 01		
27	Liver extract	500gm x 01		
28	Glycine	500ml x 01		

14.

<b>Sl. No</b>	<b>Name of Lab ware</b>	<b>Quantity</b>	<b>Rate in Rs.</b>	<b>Amount in Rs.</b>
1	Beaker 1000ml (Pack of 6)	1 Box		
2	Beaker 500ml (Pack of 8)	1 Box		
3	Beaker 250ml (Pack of 10)	1 Box		
4	Beaker 100ml (Pack of 10)	1 Box		
5	Conical Flask 1000ml (Pack of 10)	1 Box		
6	Conical Flask 500ml (Pack of 10)	1 Box		
7	Conical Flask 250ml (Pack of 10)	1 Box		
8	Conical Flask 100ml (Pack of 10)	1 Box		
9	Micro Pipette 1000 ul-Variable	01 Nos.		
10	Micro pipette Tip 1000ul	1 Pkt		
11	Measuring Cylinder PP type 1000ml	01 Nos.		
12	Measuring Cylinder PP type 500ml	01 Nos.		
13	Measuring Cylinder PP type 250ml	01 Nos.		
14	Tissue Paper (Pack of 10)	1 Box		
15	Aluminium Foil	1 Roll		
16	Non Adsorbant Tissue	1 Roll		

**Signature of supplier with seal**

**Registrar**