



**GUWAHATI BIOTECH PARK**

**TECHNOLOGY COMPLEX, IIT GUWAHATI, GUWAHATI-781039**

**PHONE: (0361)2690228**

**TENDER DOCUMENT**

**FOR**

**SUPPLY, INSTALLATION & COMMISSIONING OF PRE- FILTER OXIDATION CHAMBER  
AND IRON REMOVAL FILTER IN GUWAHATI BIOTECH PARK, AMINGAON**

**TECHNICAL BID**

**NIT NO: GBP/1.17.5/2021-22/4979 DTD 30.09.2021**

**DATE OF DOWNLOADING OF TENDER : 30.9.2021**  
**DATE & TIME OF SUBMISSION OF TENDER : 05/10/2021 at 2.00 PM**  
**DATE & TIME OF OPENING OF TECHNICAL : 05/10/2021 at 2.30 PM**

**GUWAHATI BIOTECH PARK  
TECHNOLOGY COMPLEX, IIT GUWAHATI, GUWAHATI-781039  
PHONE: (0361)2690228**

**SHORT NOTICE INVITING TENDER FOR SUPPLY, INSTALLATION & COMMISSIONING  
OF PRE- FILTER OXIDATION CHAMBER AND IRON REMOVAL FILTER IN GUWAHATI  
BIOTECH PARK,AMINGAON**

**NIT No. GBP/1.17.5/2020-21/4979 DTD.30.09.2021**

1. Sealed tenders in two bid system (Technical Bid & Price Bid) are invited for and on behalf of Guwahati Biotech Park at Technology Complex, IIT Guwahati from reputed, experienced and financially sound Companies/Firms/Agencies for **SUPPLY, INSTALLATION & COMMISSIONING OF PRE- FILTER OXIDATION CHAMBER AND IRON REMOVAL FILTER IN GUWAHATI BIOTECH PARK, AMINGAON.** Those who are in the similar business for the last three years and providing the same service to Central/State Govt /PSU or others autonomous bodies may send their bids both Technical and Commercial in sealed envelopes.
2. The interested Companies/Firms/Agencies may send their bid complete in all respect along with **Tender Processing of Rs. 200/- directly credited in the Guwahati Biotech Park Bank A/C . Name of the Bank: State Bank of India. A/C NO - 30603991129, IFSC Code: SBIN0009201** and other requisite documents to the Office of the Guwahati Biotech Park before 1400 hrs on 05 /10/2021. The bids received after this deadline shall not be entertained under any circumstances whatsoever. In case of postal delay GBP will not be responsible.
3. Earnest money of Rs. 20,000.00 (Twenty Thousand) **shall directly credited in the Guwahati Biotech Park Bank A/C . Name of the Bank: State Bank of India. A/C NO – 30603991129, IFSC Code: SBIN0009201.** The EMD submitted by unsuccessful bidders shall be returned to them without any interest whatsoever, within 15 to 90 days after placement of order on successful bidder. The EMD submitted by successful bidders shall be returned to them after deposit of the security money according to conditions stipulated in the bid document.
4. The sealed envelopes are to be deposited in the tender box placed at the office of GBP through registered/speed post addressed to **OFFICE OF GUWAHATI BIOTECH PARK. TECHNOLOGY COMPLEX, IIT GUWAHATI, GUWAHATI-781039 PHONE: (0361)2690228**

**Chief Executive Officer  
Guwahati Biotech Park**

## **GENERAL INSTRUCTIONS TO THE BIDDER**

1. The tender is “Two Bid’ document. The technical bid should contain all the relevant information and desired enclosures in the prescribed format along with Tender Fee & Earnest Money Deposit (EMD). The financial bid should contain only commercial document. In case, any bidder encloses the financial bid within technical bid, the same shall be rejected summarily.
2. The Contracts concluded as a result of this Tender Inquiry shall be governed by the ‘Terms & Conditions’ and other relevant instructions as contained in this Tender Document.
3. The prices/rates quoted should be as per prescribed format only.
4. Bidders are requested to quote their prices on a firm & fixed basis for the entire period of the Contract. Bids of the firms received with prices quoted on variable basis shall be rejected without assigning any reasons and no communication in this regard shall be made.
5. Bids qualified by such vague and indefinite expressions such as “subject to prior confirmation”, “subject to immediate acceptance” etc. will be treated as vague offers and rejected accordingly. Any conditional tender shall be rejected summarily.
6. Bidders may note that if the date of tender opening given in this Tender Document is declared to be a gazetted holiday, the tender shall be opened on the next working day at the same timing. In such an event the closing hours for receipt of tenders in Guwahati Biotech Park will stand automatically extended up to 13.00 hours of the next working day.
7. Late/delayed tenders received in GBP due to any reason whatsoever will not be accepted under any circumstances.
8. Tendering firms are at liberty to be present or authorize a representative to be present at the opening of the tender at the time and date as specified in the Schedule process.
9. DOCUMENTS COMPRISING THE BID: The bids prepared by the bidder shall comprise of

### **(A) Technical Bid and (B) Financial Bid:**

**TECHNICAL BID:** - To qualify in the Technical bid the firm should have the minimum eligibility criteria as under and the firm in this regard must submit the following documents in support of their eligibility criteria –

(a) Duly filled format of Technical Bid as per **Annexure 1**.

(b) Financial status: -

- The average annual turnover of the firm should not be less than 10 Lakhs in the last three years.
- Copy of Income Tax Return Filed Acknowledgements for last Three years and audited/certified copy of the Financial Statement.
- Average turnover certificate should be certified by a CA Firm.

(c) Experience of 03 years or more.

(d) Copy of PAN Card and GST Registration.

(e) Details of clients where similar services are presently provided by the agency for govt. and private clients with supporting documents such as Purchase Orders/Work Orders etc.

(f) The bidder must have three years' experience in similar business of supply in Govt. institutions/PSU's/Autonomous Body. Necessary supporting documents like, work orders, work completion certificate etc. for last three years to must be submitted along with the offer.

(g) Broachers, original technical catalogue with detailed specification and picture of the product offered to be submitted.

(h) Proof of transfer of Tender Processing fee and EMD.

**FINANCIAL BID:** - The financial bid shall contain: Price Bid Form [as per Annexure 3] – Prices must be quoted as per format specified, failing which tender shall be summarily rejected. The prices quoted by the bidder shall remain fixed during the entire period of contract and shall not be subject to variation on any account.

## 10. TECHNICAL EVALUATION:

10.1 Detailed technical evaluation shall be carried out by Technical Evaluation Committee as per below mentioned criteria.

SI No	Qualifying Criteria	Maximum Marks	Evaluation
1	The bidder must have three years' experience in similar business of supply of Value not less than 3.5 Lakhs in Govt. institutions/PSU's/Autonomous Body. Necessary supporting documents like, work orders, work completion certificate etc. for last three years to must be submitted along with the offer.	10	A)60% Marks for minimum eligibility criteria B)100% marks for twice the eligibility criteria C) In between A&B on pro-rata basis.
2	No of Such similar work done during last 3 years.	20	No. of such work Marks 1-5 works 5 6-10 works 5 11-15works 5 15-20 works 5

2	Annual turnover not less than Rs.10 Lakhs. In any one of the year during last three years .	20	A)60% Marks for minimum eligibility criteria B)100% marks for twice the eligibility criteria C) In between A&B on pro-rata basis.
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10.2 Financial bids of only those bidders who qualify the technical criteria and score minimum 60% of maximum marks in total will be opened.

10.3 GBP shall have right to accept or reject any or all tenders without assigning any reasons

## **TERMS AND CONDITION OF CONTRACT**

1. **Delivery Period:** As these items are required on emergent basis for GBP's permanent campus, entire quantity **to be delivered, installed and commissioned within 10 days from the date of issue of the work order.**
2. **Guarantee/Warranty:** Comprehensive Guarantee / Warranty shall remain valid for a period of 36 months (3 years) from the period of commissioning and installation.
3. **Site Inspection:** Before submitting the offer, vendors may visit GBP site where these items are to be installed.
4. **Door Delivery:** The offer of the vendor should also include the cost of transportation of goods to installation site of GBP, Amingaon
5. **Plumbing work:** Necessary plumbing work inclusive of material required for the installation will be on the scope of contractor.
6. **Validity of the Offer :** The offers which will be submitted by the vendors should be valid at least for a period of 120 days from the date of opening of the bids and rates shall be remain firm till the completion of the work.
7. **Payment Terms: -**
  - a. 97% of the unit cost will be paid against delivery of the goods received in good conditions and successful installation and commissioning of the same.
  - b. 3% payment will be retained as security deposit towards performance guarantee and defect liability period and will be released after a period of 36 months after the completion of the satisfactory warranty period. The Security Deposit can be released against Bank Guarantee for the same amount valid for warranty period plus 60 days (format enclosed) – **Annexure – 2.**
  - c. **Payment will be released subject to fulfillment of conditions in clause (a) and (b) above and release of subsequent FOC by the Department of Finance, Government of Assam.**
8. **TERMINATION OF CONTRACT:** GBP may, without prejudice to any other remedy for breach of

Contract, terminate the contract in whole or in parts, if

- The Contractor fails to provide service within the period (s) specified in the contract or any extension thereof granted by GBP.
- The Contractor fails to perform any other obligation(s) under the contract.

## **9. APPLICABLE LAW AND JURISDICTION**

All matters connected with this shall be governed by the Indian law both substantive and Procedural, for the time being in force and shall be subject to the exclusive jurisdiction of the Courts at Guwahati.

## **10. CONCILIATION / ARBITRATION**

If any dispute (s) or difference (s) of any kind whatsoever arise between the Parties, the Parties hereto shall negotiate with a view to its amicable solution and settlement through a committee appointed by CEO, GBP.

## **11. DISCLAIMER**

- a. **This BID DOCUMENT** does not purport to contain all the information that each Bidder may require and accordingly is not intended to form the basis of any investment decision or any other decision to participate in the bidding process for the selection of the Successful Bidder for the proposed contract. Each Bidder should conduct its own investigations and analysis and check the accuracy, reliability and completeness of the information in this document and obtain independent advice from appropriate sources.
- b. Neither the bid document nor anything contained herein shall form a basis of any contract or commitment whatsoever. Successful Bidder will be required to acknowledge in the Contract Agreement that he has not relied on or been induced to enter such agreements by any representation or warranty, save as expressly set out in such an agreement.
- c. While the Bid document has been prepared in good faith, no representation or warranty, express or implied, is or will be made, and no responsibility or liability will be accepted by GBP & its employees or advisors or agents as to or in relation to the accuracy or completeness of the bid document or any other oral or written information made available to any Bidder or its advisors at any time and any liability thereof is hereby expressly disclaimed.
- d. Neither GBP nor their employees shall be liable to any Bidder or any other person under any law including the law of contract, distort, the principles of restitution or unjust enrichment or otherwise for any loss, expense or damage which may arise, or be incurred, or suffered, in connection with this bid document, or any matter that may be deemed to form part of this bid document, or the award of the contract, or any other information supplied by or on behalf of GBP or their employees or bidders or otherwise arising in any way from the selection process for the award of the contract for the Consultancy.
- e. No extension of time will be granted under any circumstances to any Bidder for submission of its bid on the grounds that the Bidder did not obtain a complete set of the bid document.
- f. GBP is not bound to accept any or all the Proposals & reserves the right to reject any or all the bids received without assigning any reasons. No Bidder shall have

any cause for action or claim against GBP or its officers, employees, successors or assignees for rejection of his bid.

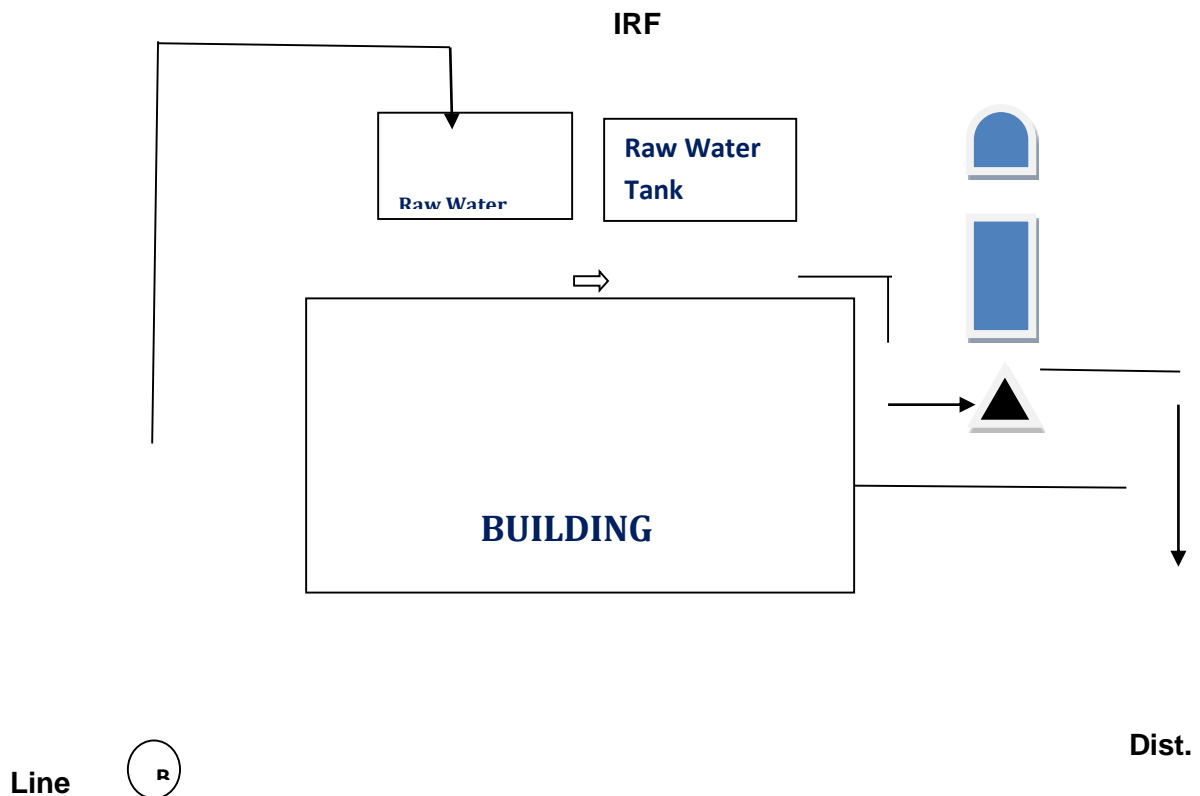
- g. Failure to provide information that is essential to evaluate the Bidder's qualifications or to provide timely clarification or substantiation of the information supplied, may result in disqualification of the Bidder.
- h. GBP or its authorized officers / representatives / consultants / advisors reserve the right, without prior notice, to change or modified the procedure for the selection of the Successful Bidder or terminate discussions and the delivery of information at any time before the signing of any Agreement for the contract, without assigning reasons thereof.
- i. This bid document is not transferable.

## 12. DESIGN

### 12.1 For Administration Block/ Power House / Utility Area

Water will come from bore well to store in existing Overhead Plastic Tanks (Raw Water Tanks) for open aeration as well as oxidation and also sedimentation purpose. From the Overhead Tank on gravity water flows to our Iron Removal Filter (IRF) from where clean and clear water will flow in all distribution line.

#### SCHEMATIC DIAGRAM

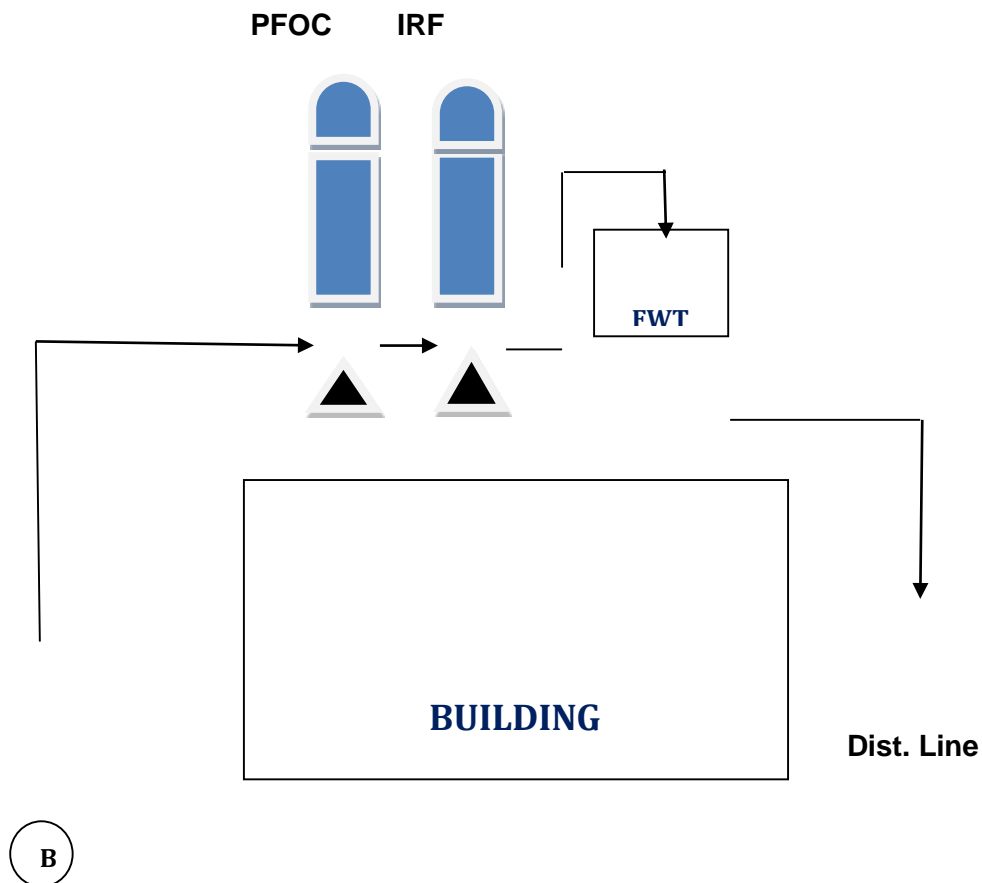


Borewell

## 12.2 For Modular Laboratories

Water from bore well to pass through Pre-Filter Oxidation Chamber (PFOC) followed by Iron Removal Filter (IRF) to existing Overhead Tank (PFOC) is suggested because there is no retention tank for oxidation purpose. From the Overhead Tank filtered water is distributed to all laboratory utilities.

### SCHEMATIC DIAGRAM



### **BOREWELL**

## **13. TECHNICAL SPECIFICATIONS**

### **13.1 PRE-FILTER OXIDATION CHAMBER (PFOC)**

Here larger suspended impurities are to be filtered out and Catalyst filter media Oxidize. The dissolved Ferrous to their Ferric state. FRP structural composite vessel used is 100% rust proof and corrosive proof using of best quality filter media with unique Top and Bottom distribution systems, frontal pipes & fittings and single multipoint



valve for service, backwash and rinse facility. The oxides thus formed are to be filtered off in this vertically mounted vessel, through filter media as stated. Filtration is from top to bottom whereas backwash is in reverse direction. This is carried out by Multiport Valve provided. Pressure gauge is provided to measure/monitor differential pressure.

- MOC: FRP Composite Vessel.
- Make: "STRUCTURAL" by Pentair / Tata / Kai Tank.
- Stamped on vessel NSF, ANSI standards, CE certified.
- Installation & Service by Company Authorized local Distributor.
- Opening: 4"/6" Top & Bottom.
  
- Strainers: Top-Bottom.
- Base: Tripod.
- Filter Media: MnO<sub>2</sub> Lumps, Treated Green Sand, Gravels & Pebbles.
- Pipeline: Frontal 1 1/2" pipe with Valves for service, Backwashing & rinse etc.
- Aeration Valve: Provided for air purging.
- Max Operating Pressure: 10 kg/cm<sup>2</sup>

### **13.2 IRON REMOVAL FILTER (IRF)**

Iron Removal Filters will be used to filter off the oxides. It is to be provided FRP structural composite vessel - 100% rust proof and corrosive proof of best quality filter media with unique Top and Bottom distribution systems, frontal pipes & fittings and single multiport valve for service, backwash and rinse facility. The oxides thus formed and earlier are filtered off in this vertically mounted vessel, through filter media as stated. Filtration is from top to bottom whereas backwash is in reverse direction. This is carried out by Multiport Valve provided.

- MOC: FRP Composite Vessel.
- Make: "STRUCTURAL" by Pentair / Tata / Kai Tank.
- Stamped on vessel NSF, ANSI standards, CE certified.
- Installation & Service by Company Authorized local Distributor. Opening: 4"Top & Bottom.
- 
- Strainers: Top-Bottom.
- Base: Tripod.
- Filter Media: Anthracite, Baraka Sand, Fine Sand, Gravels & Pebbles.
- Pipeline: Frontal 1 1/2" pipe with Valves for service, Backwashing & rinse etc.
- Aeration Valve: Provided for air purging.
- Max Operating Pressure: 10 kg/cm<sup>2</sup>

**TECHNICAL BID FORMAT**

Name of the firm/company/proprietary concern registered	
Address of registered office	
Address of the office at Guwahati (if any)	
Telephone Nos./Fax/E-mail	
Specify your firm/company is a manufacturer/ authorized dealer/ distributor/ Agency	
PAN and GST No. (Attach copy)	
Proof of financial status for the last three financial years. Average annual turnover must be at least Rs.10.00 Lakh	
Copy of Income Tax Return Filed Acknowledgements for last Three years & Turn over certificate from Chartered Accountant	
The bidder must have three years' experience in similar business of supply in Govt. institutions/PSU's/Autonomous Body. Necessary supporting documents like , work orders, work completion certificate etc. for last three years to must be submitted along with the offer. (Detail to be submitted as per APPENDIX-1)	

**(Signature of the Bidder)**

**BANK GUARANTEE AGAINST SECURITY DEPOSIT FORMAT**

(To be prepared on Stamp paper issued in the name of Bank)

This BANK GUARANTEE No. \_\_\_\_\_ made this day of \_\_\_\_\_ between \_\_\_\_\_ a bank incorporated and having its registered office at \_\_\_\_\_ (hereinafter called BANK) which expression shall unless repugnant to the context or contrary to the meaning thereof include its successors and assigns on the one part and **GUWAHATI BIOTECH PARK**, a registered society under Government of Assam having its registered office at Technology Complex, IIT Guwahati, Guwahati-781039, Assam unless repugnant to the context or contrary to the meaning thereof include its successors and assigns on the other part.

WHEREAS in pursuance to the agreement no. \_\_\_\_\_ dated \_\_\_\_\_ (hereinafter called CONTRACT) entered into between GUWAHATI BIOTECH PARK (hereinafter called OWNER and \_\_\_\_\_ a Company incorporated in \_\_\_\_\_ (hereinafter called CONTRACTOR) which expression shall unless repugnant to the context or contrary to the meaning thereof include its successors and assigns, for supply of \_\_\_\_\_ as envisaged in the Contract, Contractor has to submit a Bank Guarantee against Security Deposits for Rs. \_\_\_\_\_.

CONTRACTOR accordingly agrees to furnish a Bank Guarantee against Security Deposits as hereinafter contained towards fulfilment of all of its obligations under the contract.

**NOW THIS DEED WITNESSES AS FOLLOWS:**

1. In pursuance of the Contract, the Bank hereby guarantees as a direct responsibility to OWNER that the BANK is holding the amount of Rs. \_\_\_\_\_ at Owner's disposal and hereby promises and shall be bound to pay to OWNER, forthwith at Owner's written notice stating that the contractor has failed to fulfill its obligations under the contract for reasons for which contractor is liable and without any protest or demur and without recourse to contractor and without asking for any reasons as to whether the amount if lawfully asked for by Owner or not, the entire amount or the portion thereof as mentioned by Owner in the notice. The decision of the Owner as to whether the terms and conditions of this Bank Guarantee have been observed or not shall be final and binding on the BANK. In any case, however the Bank's responsibility under this BANK GUARANTEE AGAINST SECURITY DEPOSIT limited to Rs. \_\_\_\_\_.

2. This Bank Guarantee shall be valid for an initial period of \_\_\_\_\_ months from the date of this Bank Guarantee No. \_\_\_\_\_ dated \_\_\_\_\_ given by the Bank to Owner become effective. Upon issuance of Commissioning / certificate according to terms of contract on expiry of \_\_\_\_\_ months after the issuance of the above mentioned certificate of supply / installation / completion certificate, the Bank Guarantee against Security shall become null and void.

3. This Bank Guarantee shall be in addition to and shall not affect or be affected by any other security now or hereafter held by Owner on account of money hereby intended to secure and Owner at its discretion and without any further consent from the Bank, and without affecting its rights against the Bank, may compound with, give time or other indulgence to or make any other arrangement with Contractor and nothing done or omitted to be done by Owner in pursuance of any authority or permission contained in this guarantee, shall effect discharge of the liability of the Bank.

4. UNLESS PREVIOUSLY CANCELLED BY THE OWNER, this Bank Guarantee will remain in force initially up to \_\_\_\_\_ months from the effective date of Bank Guarantee No. \_\_\_\_\_ dated \_\_\_\_\_ given by the Bank to the Owner and subject to provisions of paragraph 2 above will stand automatically cancelled on the expiry of the said period. Unless demand or claim under this Bank Guarantee is made on Bank in writing within three months from the date of expiry of this Bank Guarantee, all the rights of Owner against the Bank shall be forfeited and Bank shall be relieved and discharged from all the liabilities hereunder.

5. Any notice by way of request, demand or otherwise hereunder may be sent by post to the Bank, addressed as aforesaid, and if sent by post, it shall be deemed to have been given at the time when it would be delivered in due course of post, and in proving such notice, when given by post, it shall be sufficient to prove that the envelope containing the notice was posted and a certificate, signed by an officer of the owners, to the effect that the envelope was so posted, shall be conclusive.

6. The Bank Guarantee is to be returned to the Bank after its expiry in terms of Paragraph 4 above.

7. The Bank declares that it has the power to issue this guarantee and the undersigned have full power to do so.

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

(Indicate the name of the Bank with stamp)

**APPENDIX – 1**

**LIST OF SIMILAR WORKS EXECUTED DURING LAST THREE YEARS:**

<b>SI No</b>	<b>Full Postal Address of client &amp; Name of Officer-in-Charge</b>	<b>Description of the work with contract no.</b>	<b>Value of contract</b>	<b>Date of Commencement of work</b>	<b>Stipulated date of completion</b>	<b>Actual date of completion</b>

Note: Copies of work order and completion certificates from the client should be attached by the applicant.

**(Signature of the Bidder)**



**GUWAHATI BIOTECH PARK**

**TECHNOLOGY COMPLEX, IIT GUWAHATI, GUWAHATI-781039**

**PHONE: (0361)2690228**

**TENDER DOCUMENT**

**FOR**

**SUPPLY, INSTALLATION & COMMISSIONING OF PRE- FILTER OXIDATION CHAMBER  
AND IRON REMOVAL FILTER IN GUWAHATI BIOTECH PARK, AMINGAON**

**PRICE BID**

**NIT NO: GBP/1.17.5/2020-21/4979 DTD.30.09.2021**

<b>DATE OF DOWNLOADING OF TENDER</b>	<b>:</b>	<b>30.9.2021</b>
<b>DATE &amp; TIME OF SUBMISSION OF TENDER</b>	<b>:</b>	<b>05/10/2021 at 2.00 PM</b>
<b>DATE &amp; TIME OF OPENING OF TECHNICAL</b>	<b>:</b>	<b>05/10/2021 at 2.30 PM</b>

<b>Bill of Quantities</b>						
<b>NAME OF THE WORK: SUPPLY,INSTALLATION &amp; COMMISSIONING OF PRE- FILTER OXIDATION CHAMBER AND IRON REMOVAL PLANT IN GUWAHATI BIOTECH PARK,AMINGAON PARK</b>						
S. No	Description of Items	Unit	QTY	Rate Amount		Total amount (INR)
				In Figures	In Words	
1	Supply, Installation & Commissioning of Pre-Filter Oxidation Chamber & Iron Removal Filter as per specification of Complete .	Each	2			
2	Supply, and installation of Iron Removal Filter (FRP Vessel) with specification complete.	Each	5			
3	_Supply Installation and commissioning of Kent Grand+ (RO+UV+UF+TDS Controller) Computer controlled operation with filter change alarm and UV Fail alarm. High Purification capacity of 20 ltrs/hr. and 9 Litres detachable storage tank equipped with zero water wastage technology	Each	4			
4	Supply and Commissioning of Iron Removal Pre- filter	Each	4			
<b>Total Basic cost (I)</b>						
<b>GST 18% on (I)</b>						
<b>Grand Total</b>						

(Rupees \_\_\_\_\_)

**(BIDDERS SIGNATURE WITH SEAL)**

