



Guwahati Biotech Park

Technology Complex, IIT Guwahati

Guwahati- 781 039

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TENDER DOCUMENT FOR

SUPPLY, INSTALLATION & COMMISSIONING OF SOFTWARE, HARDWARE AND ACCESSORIES FOR BIOINFORMATICS FACILITY AT GUWAHATI BIOTECH PARK INCUBATION CENTER

NIT No.GBPIC/8.2.4.1/2020-21/4485 Dated 3rd JULY 2020

System of bid	Two Bid system Part-I: Technical Bid Part-II: Price Bid
Last date & Time of submission of bids	23.07.2020 upto 1400 hrs.
Date & Time of Opening of bids	23.07.2020 at 1500 hrs.
Tender Fee	Rs.1000/-(One Thousand Only) in D.D./Banker's Cheque drawn in favor of Guwahati Biotech Park Incubation Center payable at Guwahati

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

TENDER FORM

1	NAME & ADDRESS of the Bidder	
2	Telephone/Fax/Email	
3	NIT No. & Date	
4	Name of the item quoted	
5	Offer/Quotation No. & date	
6	Name of the authorized signatory	
7	Status of the tenderer: Proprietary concern/Partnership firm/Ltd. Company/Other	
8	Tender fee details	DD No..... DTD.....
9	EMD details	DD/BG No..... DATE:.....
10	CST/TIN/GST No.	
11	PAN No.	
12	Enclosures along with the bid	
13	Remarks if any	

Date

Signature & seal of Tenderer

Note: This tender form duly filled & signed should accompany with the Technical Bid as the top most page.

COMPLIANCE CERTIFICATE
(A certificate of compliance to NIT term to be enclosed in the Technical bid)

Sl. No.	NIT Terms and Conditions	Yes/No
1.	Rate quoted as per instruction	
2.	AMC rate after warranty provided	
3.	Validity of quoted rate for 120 days agreed	
4.	PBG term agreed	
5.	Payment term agreed	
6.	Delivery terms agreed	
7.	Warranty period agreed	
8.	Literature: Printed Literature provided	
9.	Dealership / distributorship certificate (in case of dealers/agents) provided	
10.	Sales Service :address of after Sales Service centre in India provided	
11.	Manufacturer certificate provided	
12.	Applicable law terms agreed	
13.	Eligibility of the Bidder Documents to be provided provided	
14.	Experience and capability of the Bidder Documents to be provided provided	

Sign. :.....

Vendor: M/s.....

Official seal of the vendor

INDEX
CHAPTER-1: INSTRUCTION TO BIDDERS

SI No.	Clause	Page No.
1.1	Two bid mode of transmission	5
1.2	Technical Bid	6
1.3	Price Bid	6
1.4	Cost of Preparation of Bid	6
1.5	Eligibility of bidder	6-7
1.6	Experience & capability of bidder	7
1.7	Tender fee	7
1.8	EMD	7-8
1.9	Amendment to bidding document	8
1.10	Preparation of Bids	8
1.11	Price schedule	8
1.12	Concession permissible under Statutes	8-9
1.13	Period of Validity	9
1.14	Deadline for Submission & Opening	9
1.15	Conformity to specifications	9
1.16	Notification of award (NOA)	9
1.17	Performance Bank Guarantee	10
CHAPTER-2: GENERAL CONDITIONS OF CONTRACT		
2.1	Rate & price break up	10
2.2	Rate quoted for Imported Goods	10-11
2.3	Evaluation of Bid	11-12
2.4	Delivery & Installation	12
2.5	Safe delivery of goods	12
2.6	Shipment/delivery document	12-13
2.7	Liquidated Damage	13
2.8	Pre-installation requisites	13
2.9	Transit Insurance	13
2.10	Warranty & Guarantee	13-14
2.11	Inspection /Testing and acceptance of material	14
2.12	Change order	14
2.13	Quantity in order	14
2.14	Payment schedule	14-15
2.15	Catalogue /Manual	15
2.16	Short Shipment/Transshipment	15
2.17	Genuine pricing	15
2.18	Conditional Tenders	15
2.19	Enquiry during evaluation	15
2.20	Termination of default	15-16
2.21	Applicable law & Arbitration	16
2.22	Liability in case of Joint venture, Consortium, Amalgamation Patent right etc.	16
2.23	Force majeure	16
2.24	Consideration of tender	16
ANNEXURES		
	Annexure-I: PBG Format	17
	Annexure-II: Price schedule for imported goods	18-19
	Annexure-III: Price schedule for Indigenous goods	20-21
	Annexure-IV: Bidder information form	22
	Annexure-V: Manufacturer's authorization letter	23
	Annexure-VI: Bid security form	24
	Annexure-VII: Bidder's past services proforma	25
	Annexure-VIII: Deviation Statement Form	26
	Annexure-IX: Service support details	27
	Annexure-X: Bid form	28
	Annexure-XI: Checklist (BOQ)	29
	Annexure-XII: Technical Specifications	30-40

BIDDING DOCUMENT

INVITATION FOR BIDS

To,
M/s. _____

Dear Sir,

The Chief Executive Officer, Guwahati Biotech Park, invites sealed quotations for supply, installation & commissioning of Equipments as per details at “**Instruction to Bidders**’, **General conditions of Contract**” and **Annexures I to XII** in **double** bid and so as to reach the office of the Guwahati Biotech Park on or before 23.07.2020 by 1400 hrs.

The Tender will be governed by the “Notice Inviting Tender (NIT), “Instruction to Bidders”, “General Conditions of contract” and Annexure from I to XII of tender document. Deviation/Exceptions to the clauses, if any should be explicitly recorded.

This Bid Document contains pages numbered 1 to 40 consecutively. Please check to see that no page is missing nor any in duplicate. The bid documents are not transferable and the firm’s seal and signature of the authorized official must appear on all the papers and envelopes submitted. Tenders must be submitted separately for each item along with EMDs. Combined tenders submitted for more than one item together will be summarily rejected. However tender fee is one time submission only.

Chapter-1

INSTRUCTION TO BIDDERS

- 1.1 **TWO BID MODE OF TRANSMISSION:** Offers will have to be submitted in two Parts i.e. a) Technical Bid (Part-I) and (b) Price Bid (Part-II). The first inner sealed cover will contain Technical bid having all details but with price column blanked out. This cover will clearly be super scribed with "Technical bid" along with tender number and item description. The second sealed inner cover will contain only the price schedule duly filled in and signed and will be clearly super scribed with "Price Bid" along with tender number. These two covers shall be put into outer cover and sealed super scribing the following lines:

<p>“QUOTATION FOR SUPPLY, INSTALLATION & COMMISSIONING OF SOFTWARE, HARDWARE AND ACCESSORIES FOR BIOINFORMATICS FACILITY AT GUWAHATI BIOTECH PARK INCUBATION CENTER , TECHNOLOGY COMPLEX, IIT GUWAHATI, GUWAHATI-781039”</p> <p><u>NIT No. GBPIC/8.2.4.1/2020-21/4485 DATED 3rd July 2020</u></p> <p>To The Chief Executive Officer, Guwahati Biotech Park Technology Complex: IIT Guwahati Guwahati -781039, Assam, India</p> <p>From: M/s..... Contact No.:..... Email ID:.....</p>
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1.2 TECHNICAL BID (Part-I): In the Technical Bid the vendor must provide the followings:

- 1.2.1 Details of technical features of the offered equipments vis-à-vis NIT specifications;
- 1.2.2 Standard technical literature on each of the item offered;
- 1.2.3 Latest original catalogue in support of the item offered.
- 1.2.4 Dealership certificate on the offered products in case of dealers/authorized distributors;
- 1.2.5 List of reputed organizations/institutions where similar orders have been executed (copies work order to be enclosed)
- 1.2.6 Up-to-date Sales tax clearance/GST certificate and GST registration Number.
- 1.2.7 Details of nature and maximum period of warranty offered by the vendor. The firm should give at least 5yrs warranty of the item from the date of installation or 63 months from the date of shipment whichever is earlier.
- 1.2.8 After sales service: the name and address of the nearest available authorized service centre should be stated in the quotation.
- 1.2.9 Tender fee in DD/Bankers Cheque & Earnest Money deposit (EMD) in the form of DD or BG must be enclosed with the technical bid.
- 1.2.10 The tenderer has to state in detail requirements including the electrical/power requirements, floor space, head room, foundation needed, AIR conditioned environment etc. for complete installation & commissioning of the equipments.

1.3 PRICE BID (Part-II): In the Price Bid part, the vendor must provide the followings;

- 1.3.1 Quantity, basic price against item-wise details of specifications of each of the offered items;
- 1.3.2 Price of optional accessories as required by NIT specifications and also may be relevant for the offered equipments will have to be specifically mentioned in the quotation;
- 1.3.3 Packing & Forwarding Charges if any (as percentage of basic price or as lump sum)
- 1.3.4 GST (as percentage of **basic+ packing & forwarding charge** if any)
- 1.3.5 Freight and Insurance charge if any (as percentage or as lump sum)
- 1.3.6 Annual maintenance Contract (AMC) rate after expiry of standard warranty period is to be clearly indicated preferably in both comprehensive and non-comprehensive terms failure to which the offer may not be considered even if it turns out to be at the lowest price. **Quoted prices should be inclusive of 5 years warranty at free of cost.**
- 1.3.7 Installation and commissioning charge (including service tax) to be shown item-wise extra, if any.
- 1.3.8 In case the quoted price is FOR/FOB basis, the estimated insurance coverage charges may please be indicated.
- 1.3.9 CIP/CIF, (named place of delivery in India) value for Airways and Ocean freight respectively.
- 1.3.10 Custom Duty & Clearance Charges if any.
- 1.3.11 Inland freight/transportation & Insurance Charges if any.
- 1.3.12 Any other levies/Charges.

1.4 COST OF PREPARATION OF BID:

All costs associated with the participation in this bid such as preparation & submission of bid, post tender opening communications, personal representations during the tender opening etc. will be borne by the bidder.

1.5 ELIGIBILITY OF BIDDER:

- 1.5.1 The Server/ Storage/Desktop OEM & Vendor must be ISO-14001 & ISO 9001 Certified. The bidder shall either be the Original Equipment Manufacturer (OEM) or their authorized Original Equipment Supplier (OES), Authorized Distributor or Supplier. OES/Authorized Distributor/Supplier should enclose letter of authorization in original seal and signed from O.E.M. authorizing the bidder to quote for the quoted item and shall be valid at the time of bidding.
- 1.5.2 Either the Indian Agent on behalf of the principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item or product. Furthermore if an agent submits bid on behalf of the

Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same product/item.

1.6 EXPERIENCE & CAPABILITY OF THE BIDDER:

The bidder must possess, prior to the deadline for submission of bid, minimum experience of executing such supply in laboratories or reputed institutes for last three years and successfully accomplishing each of the activities supply, Installation, testing and commissioning. The claim shall be supported by necessary detailed documentary evidence (copy of Supply order/Contract, installation report etc.) in respect of the equipments supplied. Experience shall be cited in the proforma at **Annexure-VII.**

- The Vendor must have local contact / service center (Office/Dealers etc.) situated at nearest City for at least three years and OEM must have local support center in eastern part of India. The same must have a well-trained team of Service personals.
(Documentary evidence to be enclosed)
- The bidder should participate as a single party and no consortium is allowed.
- The bidder should have an experience of maintaining of HPC Solutions. **Documentary evidence is required to submit.**
- The Bidder should not have been blacklisted in any Government/ Government undertaking/Public sector companies in last 5 Years. A self-declaration letter by the bidder, on the company's letterhead should be submitted along with technical bid.
- The Vendor / OEM should have experiences of successful execution of the same level (Quoted / Similar items)
The quoting vendor must have executed
 - i. One order of 80 % of Server, Storage or HPC solution in a single order of the quoted value OR
 - ii. Two orders of 50 % of Server, Storage or HPC solution of the quoted value.**(Performance certificate from customer to be enclosed)**
- The Vendor/ Company should submit the self-attached copy of valid registration number of the firm/agency.

1.7 TENDER FEE:

- 1.7.1 **Bidder has to submit a non-refundable one time Tender Fee** of Rs.1000/- (Rupees One Thousand only) in the form of demand draft in favour of **Guwahati Biotech Park Incubation Center**, Payable at Guwahati and should be sent in a separate envelope. The offer will not be considered without tender fee.
- 1.7.2 The Government Departments, National Small Industries Corporations (NSIC), Small Scale Industries (SSI) or MSME is exempted from payment of tender fee.

1.8 EARNEST MONEY DEPOSIT

- 1.8.1 Refundable earnest money deposit, amounting to minimum 3% of the total quoted value, in case quoted value is Rs.5 lakh or more, (rounded off to the nearest hundred rupees) must be deposited as an earnest money along with the "Technical Bid" by demand draft or Bank Guarantee in favour of 'Chief Executive Officer, Guwahati Biotech Park' and payable at Guwahati.
- 1.8.2 **Vendor has to submit separate offers along with EMDs for each equipment if any.** On the back side of the DD/BG the bidder should mention their name and the item against which the DD/BG is submitted. In case of foreign bidders, the BG is to be submitted by the Principal or their Indian Agent. **Firms registered with DGS & D, SSI/NSIC or with MSME are not required to submit EMD.**
- 1.8.3 The EMD is required to protect the GBP against the risk of Bidder's conduct which would warrant the security's forfeiture in the following events:
 - a. If the Bid is withdrawn during the validity period or any extension thereof duly agreed by the Bidder.
 - b. If Bid is varied or modified in a manner not acceptable to GBP during the validity period or any extension of the validity duly agreed by the Bidder.
 - c. If a Bidder, having been notified of the acceptance of its bid, fails to furnish Security Deposit/Performance Bank Guarantee within 21 days of notification of such acceptance.
- 1.8.4 GBP shall not be liable to pay any bank charges, commission or interest on the amount of EMD. The EMDs of unsuccessful Bidders will be returned on finalization of the bid. The EMD of successful bidder will be returned on receipt of Performance Bank Guarantee (PBG) against award of contract.

1.8.5 The EMD/BG shall be submitted in a separate envelope superscribing the followings:

<p><u>NIT No. GBPIC/8.4.2.1/2020-21/4485 DATED 3rd July 2020</u></p> <p><u>“EMD SUBMITTED FOR..... (Name of the item)</u> <u>DD/BG No.Date.....</u></p> <p>To The Chief Executive Officer, Guwahati Biotech Park Technology Complex: IIT Guwahati Guwahati -781039, Assam, India</p> <p style="text-align: right;">From: M/s..... Contact No.:..... Email ID:.....</p>

Please do not disclose the value of the EMD anywhere in the Technical Bid.

1.9 **AMENDMENT TO BIDDING DOCUMENT**

1.9.1 At any time prior to the deadline for submission of bids, the purchaser may, for any reason, whether at its own initiative or in response to clarification(s) requested by prospective bidder(s), modify the bidding documents by amendment(s). The changes/modifications would be hosted in the official website of GBP and therefore the prospective bidders are requested to surf the purchasers official website before submitting their bids to take cognizance of the amendments.

1.9.2 In order to allow prospective Bidders reasonable time in which to take the amendments into account in preparing their bids, Guwahati Biotech Park may, at its discretion, extend the deadline for the submission of bids.

1.10 **PREPARATION OF BIDS**

1.10.1 The governing language for the Bids submitted shall be in English in the prescribed bid proforma & Annexures. The prescribed proforma and Annexures duly filled in and signed should be returned intact whether quoting for any item or not.

1.10.2 In the event of the space on the bid proforma being insufficient for the required purpose, additional pages may be added. Each such additional page must be numbered consecutively, showing the tender number and should be duly signed.

1.10.3 The Bidder shall sign its bid with the exact name of the firm to whom the contract is to be issued. The bid shall be duly signed and sealed by competent officer of the Bidder's organization. Each bid shall be signed by a duly authorized officer and in the case of GBP the same shall be sealed and signed or otherwise appropriately executed under seal.

1.10.4 The Bidder, in each tender, will have to give a certificate in its offer, that the terms and conditions as laid down in this bidding document are acceptable to it in toto.

1.11 **PRICE SCHEDULE**

Bid Prices: The bidders shall indicate on the appropriate price schedule, the net unit prices (wherever applicable). Prices quoted by the bidder shall be firm during the bidder's performance of the contract and not subject to variation on any account. Discount, if any, should be merged with the quoted prices.

1.12. **CONCESSIONS PERMISSIBLE UNDER STATUTES**

1.12.1 Bidder, while quoting against this tender, must take cognizance of all concessions permissible under the statutes including the benefit under Central Sale Tax Act, 1956, failing which it will have to bear extra cost where Bidder does not avail concessional rates of levies like customs duty, excise duty, etc. GBP will not take responsibility towards this.

1.12.2 **INCOME TAX LIABILITY:** Bidder will have to bear all Income Tax liability both corporate and personal tax. Bidders should also bear the GST liability.

1.12.3 **Custom Duty Certificate:** Custom duty exemption certificate as applicable will be issued against receipt of Order Acknowledgement.

1.12.4 GBP is NOT registered under the Central Sale Tax Act and is NOT entitled to avail concessional rate

of Central Sales tax against form 'C' in respect of inter-state purchases.

1.13 PERIOD OF VALIDITY OF BID

- 1.13.1 Bid shall be valid for acceptance for a period of 120 days from the date of opening as indicated in the "Invitation for Bid" and shall not be withdrawn on or after the opening of bids till the expiration of the validity period or any extension agreed thereof.
- 1.13.2 In exceptional circumstances, prior to expiry of the original bid validity period, the GBP may request the bidder for a specified extension in the period of validity. The requests and the responses shall be made in writing. The Bidder will undertake not to vary/modify the bid during the validity period or any extension agreed thereof. Bidder agreeing to the request for extension of validity of offer shall be required to extend the validity of Bid Security correspondingly.
- 1.13.3 No bid may be modified (or) withdrawn after the dead line for submission of bids.
- 1.13.4 Telex/Telegraphic/Telefax/Xerox/Photocopy bids will not be considered.

1.14 DEADLINE FOR SUBMISSION AND OPENING OF BIDS

- 1.14.1 Last date & Time for receipt of bid **23rd July, 2020 upto 2 p.m.**
All out-station tenders, if sent by post, should be sent under registered cover. Any bid received after dead line for submission of bid, will be rejected and returned unopened. GBP will not be responsible for the loss of tender or for the delay in postal transit.
- 1.14.2 Date & Time of opening bid **23rd July, 2020 at 3 p.m.**
The Bidder or his authorized representative may be present at the time of opening of bid on the specified date. In case of unscheduled holiday on the closing/opening day of bid, the next working day will be treated as scheduled prescribed day of closing/opening of bid, the time notified remaining the same.
- 1.14.3 Price bids of unsuccessful bidder, which remain unopened with GBP, will be returned to the concerned bidders within 5 (five) working days of receipt of Performance Bank Guarantee from the successful bidder.

1.15 CONFORMITY TO SPECIFICATIONS (both foreign & indigenous):

- 1.15.1 Specifications are basic essence of the product. The Bidder must note that their Bids will be rejected in case the tender stipulations are not complied with strictly or the services offered do not conform to the required specifications indicated therein. At the same time it must also be kept in mind that merely copying our specifications in their quotation shall not make the firms eligible for consideration. The lowest Bid will be determined from among those Bids which are in full conformity with the required specifications. Compliance to technical specifications of the system envisaged in the bid-document is essential.
- 1.15.2 A quotation has to be supported with the printed OEM's technical literature / leaflets and the specifications mentioned in the quotation must be reflected/ supported by such printed technical leaflets/literature and model quoted/tendered specifications should invariably be highlighted in the leaflets for easy reference.
- 1.15.3 Bids will be evaluated on the basis of printed technical literature / brochures / details / certifications / catalogue provided in the bid. Bidders are therefore required to submit these documents as applicable in respect of the offered items as evidence that offered items meet the tender specifications. **Deviation in the configuration shall be clearly INTIMATED in the format as per Annexure-VIII (Deviation certificate).**

1.16 NOTIFICATION OF AWARD:

- 1.16.1 **AWARD OF ORDER/CONTRACT:** GBP will award the order/contract to the successful bidder whose bid has been determined to be **in full conformity to the bid documents** and has been determined as the lowest evaluated bid (L1).
- 1.16.2 Prior to the expiration of the period of bid validity, the GBP will notify the successful bidder in writing (within a maximum period of 7 days once the evaluation process is finalized) that its bid has been accepted. The detailed order will be transmitted through Post/courier/Fax and email as well.
- 1.16.3 In the event, the bid validity is found expired at the time of releasing the order, GBP will ask the successful bidder (L1) to extend the validity of their bid price till the confirmation of order.

- 1.17 **PERFORMANCE BANK GUARANTEE**(Applicable only to Orders costing Rs. 5 lakh or more)
- 1.17.1 The successful bidder shall furnish an unconditional performance bank guarantee in the Performance Security Form provided at **Annexure-I** valid till 60 days after the warranty period from a scheduled bank for 10% of the Purchase order value within 21 days from the placement of order failing to which the contract shall be deemed as terminated. Failure of the successful Bidder to comply with this requirement shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security, in which event the GBP may make the award to the next lowest evaluated bidder or call for new bids.
- 1.17.2 The Performance Guarantee will be returned within 60 days of completion of contract in all respect/delivery period as per contract / supply order.
- 1.17.3 The Bank Guarantee by Indian Bidders will be given on non- judicial stamp paper as per stamp duty applicable at the place where the tender has emanated. The non-judicial stamp paper should be in name of the issuing Bank.
- 1.17.4 The expiry date as mentioned should be arrived at by adding 30 days to the date of expiry of the bid validity unless otherwise specified in the bidding documents.
- 1.17.5 The Bank Guarantee will be given from Nationalized/Scheduled Banks only.

CHAPTER-2

GENERAL CONDITIONS OF CONTRACT

(Please note that the term “both foreign & indigenous’ wherever mentioned means the term is applicable to both foreign & indigenous purchase)

- 2.1 RATES & PRICE BREAK UPS;
- 2.1.1 **Rates quoted for indigenous items should be on FOR Guwahati Biotech Park i.e.** on door delivery basis, with break-ups as per details below:
 Break-up of cost:
 a) Basic price
 b) (+) Central Excise Duty, if any
 c) (+) GST (On-Sub Total Price, Including excise duty, if any)
 d) (+) Freight & Insurance Charges upto place of delivery, if any
 e) (+) Installation, Commissioning & Training Charges, if any
 f) Grand Total F.O.R. Guwahati Biotech Park, Price
- 2.1.2 The equipment has to be delivered at Guwahati Biotech Park premises. Unloading the item from the transport is under the risk of supplier.
- 2.1.3 Vague terms like “packing, forwarding, transportation extra” without mentioning the specific amount will not be accepted. Such offers shall be treated as incomplete and rejected. Bidders shall indicate their rates in clear/ visible figures as well as in words and shall not alter/overwrite/make cutting in the quotation. In case of a mismatch, the rates written in words will prevail.
- 2.2 **Rates quoted for imported items should be on DDP, (Guwahati Biotech Park) basis or FOB/FCA (named port of shipment) / CIF/CIP, (named port of shipment)** along with all incidental charges to be borne out for door delivery upto GBP as per price schedule form at Annexure-II with the following details:
 (a) Ex-works value
 (b) Documentation & handling Charge, if any
 (c) Estimated Overseas Freight.
 (d) Estimated Overseas Insurance charge (in case the firm holds open insurance policy, the insurance certificate relating to the consignment will have to be provided).
 (e) Custom duty if applicable and custom clearance charges if any.
 (g) Inland Freight/Transportation & and insurance charges upto Guwahati Biotech Park,
 (h) Loading and unloading at both terminals and other charges if any.
 (i) Installation, Commissioning & Training Charges, if any
 (j) The agency Commission if any.
 (k) **Grand Total: Door delivery Price (DDP, Guwahati Biotech Park)**

- 2.2.1 The INCOTERMS used in this bid document shall be governed by the rules prescribed by International Chambers of commerce (ICC, Paris).
- 2.2.2 **Road Permit:** Road Permits (Waybills) shall be issued as applicable for delivery of materials against receipt of Order Acknowledgement and Proforma Invoice.
- 2.2.3 **Custom Duty Certificate:** Custom duty exemption certificate as applicable will be issued against receipt Order Acknowledgement.
- 2.2.4 **GST:**
 (a) Up-to-date Sales Tax clearance certificate, GST Registration Certificate indicating also the GSTIN number of the firm must be clearly mentioned in the quotation, Certificates must be enclosed.
 (b) GST Deduction at source as per Order/notification of the Govt. of India will be applicable.
 (c) **GST No of Guwahati Biotech Park Incubation Center is :18AACAG4271G1ZS**
 (d) HSN/SAC No of the items must be clearly mentioned in the quotation along with GST No.
- 2.3 **EVALUATION OF BIDS:**
- 2.3.1 The bids will be evaluated in two stages viz. Technical Bid Evaluation & Price bid Evaluation. The Technical bids will be evaluated soon after opening of bids and during such evaluations any clarification or query maybe raised by GBP in email or letter/fax. etc. The bidder should co-ordinate and reply in writing against such queries at the earliest possible time facilitating the evaluation process. Such written queries & replies will be annexed with the bid and shall be treated as the part of the bid.
- 2.3.2 The technical bids will be evaluated to examine the following parameters:
 a. whether the bidder meets the eligibility criteria
 b. whether the bidder has submitted EMD and Tender fee wherever applicable
 c. whether the bidder has submitted all necessary documents required as per the tender
 d. whether the bid document and all prescribed Formats(except the price schedule formats) are filled and signed & stamped
 e. whether the quoted specifications are compatible to tender specifications etc.
- Combined tender for more than one item in the same envelope & Bids received late will be summarily rejected.
- 2.3.3 The price bids of technically qualified bidders will be opened in a specified date which will be intimated to the qualified bidders. Also the price bid opening date will be notified in the official website. The bidder or their authorized representative may attend the price bid opening session.
- 2.3.4 Bidders attempt to negotiate price or any change in price already quoted will not be entertained during price bid evaluations. Also no information regarding the status of the bidder will be disclosed until the award of the contract.
- 2.3.5 The bids will be evaluated on F.O.R. destination basis. For the purpose of evaluation, all bid currencies will be converted into Indian rupees. The selling exchange rate on the date of opening of the Price bids will be considered for conversion of foreign currencies.
- 2.3.6 In case of Indigenous supplier, the total bid value will be **F.O.R., Guwahati Biotech Park price** which is inclusive of 5 years warranty at free of cost, the cost of all essential accessories/spares & consumables for complete installation and demonstration of the equipment and charges for installation, demonstration and training if any. GBP will provide only floor space/bench and electrical arrangement only.
- 2.3.7 In case of goods being directly offered from abroad, the total bid value will be DDP, Guwahati Biotech Park price in foreign currencies as per Price Schedule format at annexure-II. The bidder in such cases should include the Custom Duty & Custom clearance charges, Freight & Insurance Charges and all other incidental charges to be incurred for door delivery, installation, demonstration & Training of the equipment.
- 2.3.8 In case of goods being offered from abroad through Indian agent the total bid value will be:
 a. FOB/FCA, (Named port of destination) price + Sea/Air Freight & Insurance Charges + Custom Duty & Custom Clearance charges+ GST if Any + Agency commission if any + Door delivery & Insurance charges upto GBP + Installation, commissioning & Training charges if any + Cost of complete accessories/spares & consumables for complete installation & demonstration of the equipment.

Or

b. CIP/CIF, (Named port of destination) price + Custom Duty & Custom Clearance charges+ GST if any + Agency commission if any + Door delivery & Insurance charges upto GBP + Installation, commissioning & Training charges if any + Cost of complete accessories/spares & consumables for complete installation & demonstration of the equipment. In such cases all incidental charges incurred in India shall be paid to suppliers Indian Agent in Rupees

2.3.9 In case bidder agrees to deliver the item on CIF/CIP (named port of shipment) with no extra cost or incidental charges towards door delivery & installation of the equipment, the order will be placed on CIP/CIF term.

2.3.10 Otherwise GBP may at its discretion may place the order on CIF/CIP term in foreign currencies and pay the other incidental charges to be incurred in India to the suppliers Indian Agent after complete installation & demonstration of the equipment.

2.4 **DELIVERY & INSTALLATION**

2.4.1 For indigenous Supplier the entire job comprising delivery & installation has to be done at Guwahati Biotech Park within 30 days from the date of the order. In case of any damage or late delivery, the Administration of GBP reserves the right not to accept the consignment.

2.4.2 **In case of imported item, the shipment has to be delivered at Guwahati Biotech Park, Technology complex, IIT Guwahati within 45 days from the date of establishment of LC or FDD.**

2.4.3 For purchase order placed on CIP/CIF, basis, the vendor must take necessary steps for custom clearance at Air/Sea Port and arrange to make door delivery of the equipment at Guwahati Biotech Park at their own cost. Guwahati Biotech Park will arrange to provide necessary custom clearing documents and road permit as and when necessary. No other delivery term shall be accepted. The Price evaluation will be carried out only on the basis of the Lump sum door delivery cost.

2.4.4 For arrangement of custom clearing document and Road permit one set of original dispatch document has to be sent to Guwahati Biotech Park office soon after material is shipped.

2.4.5 While transshipment will be allowed, part shipment will not be allowed.

2.5 **SAFE DELIVERY OF GOODS::**

All aspects of safe delivery shall be the exclusive responsibility of the supplier. The supplier shall ensure that packing shall be sufficient to withstand rough handling during transit and exposure to different weather conditions. Also adequate markings & instructions shall be provided outside the boxes for proper handling during transit. At the destination site the packing will be opened in presence of Guwahati Biotech Park user/representative. The proper commissioning will be the basis for receipt in good condition. In case of any damage, GBP reserves the right not to accept the consignment.

2.6 **SHIPMENT/DELIVERY DOCUMENTS:**

2.6.1 For goods being supplied from within India the supplier has to furnish the following documents:

- a. Three copies of Invoice in original indicating inter-alia description of goods, specifications, quantity, unit price, GST wherever applicable and total amount etc.
- b. Packing list
- c. Certificate of country of origin
- d. Insurance certificate wherever applicable
- e. Railway receipt/Consignment Note
- f. Manufacturer's Warranty certificate & In-house inspection certificate &
- g. Any other document as per the terms of contract.

Within 24hrs of dispatch, the supplier has to intimate the dispatch details to the purchaser through email/fax/courier etc.

2.6.2 For goods being supplied from abroad: Within 24hrs of dispatch, the supplier shall notify the purchaser the complete details of dispatch through email/fax and supply the following documents by courier/registered post etc.

- a. Three copies of Invoice in original giving full details of goods supplied as per order
- b. Packing list
- c. Certificate of country of origin
- d. Insurance certificate wherever applicable
- e. Manufacturer's Warranty certificate & In-house inspection certificate
- f. Airway Bill/Bill of lading indicating date of shipment, port of loading & Port of discharge

- g. Name of the Vessel/Carrier
- h. Approximate date of arrival and any other document as per terms of the order.

Also the supplier has to provide the details of their clearing & forwarding agent (CHA) to furnish the custom clearing documents in a manner to avoid demurrage or warehouse charges at Airport.

2.7 LIQUIDATED DAMAGES(for both foreign & indigenous supplier)

Time and date of supply & completion of Installation shall be the essence of the CONTRACT. In the event of delayed delivery, installation & commissioning i.e. after the expiry of the period as agreed by both parties, the vendor shall be liable for a penalty deduction at a percentage of the value of the undelivered equipment subject to a maximum of 10% as detailed below:

- @ 1% to one week
- @ 2.5% upto two weeks
- @ 5% upto three weeks
- @ 10% for four weeks and above

For the purpose of this clause, part of the week is considered as a full week.

2.8 PRE-INSTALLATION REQUISITES(both foreign & indigenous)

Offers shall include all the necessary relevant accessories/spares & consumables for installation of the equipment in a manner such that the installation shall not degrade the characteristics of operation of the equipment under ambient conditions. Pre-installation requisites (electrical/floor/space/air-conditioning etc.) if any should be invariably mentioned clearly.

2.9 TRANSIT INSURANCE:

Both foreign & indigenous supplier has to insure the consignment against all risk such as theft, loss or damage during transit. In the event of a claim on Insurance companies, the supplier has to co-ordinate with the purchaser giving full details of dispatch to lodge a complaint. The consignment will be opened in presence of supplier's representative to ascertain any loss or damage.

2.10 WARRANTY & GUARANTEE:

- 2.10.1 The warranty shall remain valid for 60 months from the date of installation or 63 months from the date of shipment whichever is earlier. The warranty shall cover all items (i.e. the equipment and its spares, UPS, Computer, Printer etc.) except consumables required for installation of the equipment.
- 2.10.2 The warranty on the associated software should cover providing the upgraded versions at free of cost during the warranty period.
- 2.10.3 Materials & workmanship: Supplier shall fully warrant that all the stores supplied under the CONTRACT shall be new and of first quality according to the specifications and shall be free from defects (even concealed faults, materials & workmanship). The supplier shall provide a Guarantee certificate of the equipment and its accessories against poor workmanship, bad quality of material used, faulty design and performance figures.
- 2.10.4 Should any defects be noticed in work, within warranty period GBP shall inform SUPPLIER and SUPPLIER shall immediately on receipt of such intimation, depute their personnel within 3 days to investigate the causes of defects and arrange rectification/replacement/modification of the defective material at site without any cost to GBP within a reasonable period. GBP shall be free to take such corrective action as may be deemed necessary at suppliers' risk and cost after giving notice to the supplier.
- 2.10.5 Damage to the work due to incomplete and erroneous instructions issued by the supplier will be the responsibility of the supplier and will be treated according to the provisions of warranty clause. Normal wear and tear shall not come under purview of this clause.
- 2.10.6 In case defects are of such nature that material shall have to be taken to suppliers' works for rectification etc., supplier shall take the MATERIAL at his costs after giving necessary undertaking. GBP shall, if so required by the supplier, dispatch the material by quickest mode at their risk. Material thereof replaced shall have further warranty for a period of as specified earlier from the date of acceptance.
- 2.10.7 For goods being supplied from abroad the principal should have local logistic support & service personnel to provide spares and to undertake AMC beyond warranty period. The name of such Indian agent and contact details should be provided in the offer.

- 2.10.8 Supplier shall be liable if it is found failed to honor his obligation to repair or replace defective goods within a reasonable period of time or if supplier refuse to carry out work under the guarantee clause and implied guarantee conditions.
- 2.11 **INSPECTION/TESTING & ACCEPTANCE OF MATERIAL**
Inspection of material will be carried out by the competent personnel appointed by GBP. The material will be accepted only after the same has been found satisfactory after inspection and duly signed and sealed by the inspecting authority on completion of Installation & commissioning. The supplier shall ensure that the material to be supplied against this CONTRACT shall be individually inspected, tested and analyzed in terms of the specifications attached to the tender and the relevant codes and practices specified therein by expression or implication. Supplier should provide Inspection report/ or Quality Assurance certificate from Manufacturer at the time of inspection.
- 2.12 **CHANGE ORDER (REVISION OR AMENDMENT)**
A change order will be initiated only in case (i) GBP directs the supplier in writing (amendment/revision), to include any addition to the Scope of Work covered under this CONTRACT or delete any part of the scope of the work under the CONTRACT (ii) supplier requests to delete any part of the order which will not adversely affect the operational capabilities of the facilities and if the deletions proposed are agreed to by GBP and for which cost and time benefits shall be passed on to GBP.
- 2.13 **QUANTITY IN ORDER;**
Normally quantity in orders shall be as per Checklist/BOQ mentioned in the Annexure-XI. However GBP reserves the right to vary the quantity at the time of placing the orders without changing the unit rates & other terms.
- 2.14 **PAYMENT SCHEDULE:**
- 2.14.1 The Invoice raised by the Supplier shall be addressed to **Chief Executive Officer**, Guwahati Biotech Park Incubation Centre, Technology complex, IIT Guwahati, Guwahati-781039 in quadruplicate.
- 2.14.2 **In case of indigenous supplier** bills shall be submitted by the vendor on completion of INSTALLATION. Payment against clear undisputed invoice/bills submitted by the vendor will be made by GBP within 30 working days from the date of submission of bill/invoices, complete in all respects, generally through A/c payee cheque /NEFT/RTGS. In case payment is required by DD, the draft commission will be deducted from bill amount. All applicable taxes and penalties will also be deducted from the bill at source.
- 2.14.3 GST Deduction at source as per Order/notification of the Govt. of India will be applicable.
- 2.14.4 **Please note as per Organization's norm advance payment is not allowed for indigenous purchase.**
- (i) **Advance payment Against Bank Guarantee: 90% of the price will be paid in advance against equivalent bank guarantee** from a scheduled bank provided by the supplier/Indian Agent. The remaining 10% shall be released only after receipt and acceptance of materials in good condition or after satisfactory installation and commissioning of the equipment.
- or**
- (ii) **Payment Against Proof of Despatch:** 90% of the price will be paid against delivery with receipt of proof of dispatch such as AWB, Invoice, Packing List, Insurance certificate, etc. The remaining 10% shall be released only after receipt and acceptance of materials in good condition or after satisfactory installation and commissioning of the equipment.
- or**
- (iii) **100% Payment Basis:** On request by the supplier/s 100% payment by FDD will be made. In this case on receipt of your Order Acknowledgement an FDD will be established for total ordered value, thereupon, a Xerox copy of the FDD will be sent to you which will enable you to send the materials. On satisfactory receipt and acceptance of the materials or satisfactory installation and commission of the equipment the Original FDD will be sent to you.
- 2.14.5 **In case of Imported Goods, payment above \$ 10,000.00 shall be made by** an irrevocable letter of credit through any overseas branch of state bank of India with unrestricted provision or through FDD as per terms and conditions below;
- 2.14.6 In case of payment by LC, 90% of the price will be paid against receipt of proof of dispatch such as AWB, Invoice, packing List, Insurance certificate etc. The remaining 10% shall be released only after receipt of satisfactory installation & commissioning report of the equipment.

- 2.14.7 In case of payment by FDD, 100% payment by FDD will be made on the request made by the supplier. In this case on receipt of acknowledgement an FDD will be established for total ordered value, thereupon a scanned copy of FDD will be sent to enable the supplier to send the materials. The original FDD will be sent only after receipt of satisfactory installation & commissioning report of the equipment.
- 2.14.8 **Please note that FDD/LC will not be opened unless and until Letter of acknowledgement in original is received at Guwahati Biotech Park, directly from the Principal (even in case of firms having subsidiary office in India). The Indian agents are therefore advised to submit quotations after consultation with their respective principals.**
- 2.14.9 **Country of Origin:** While the country of origin will not be insisted, the same however will have to be stated in the original Invoice for payment through LC.
- 2.14.10 **LC Amendment:** LC/FDD amendment charges due to mistake on the part of the supplier, if any, will have to be borne by the supplier.
- 2.14.11 **Below \$10,000.00 Wire transfer as given below:**
90% of the price will be paid in advance against proof of dispatch such as AWB, Invoice, Packing list, Insurance certificate etc. from a scheduled bank provided by the supplier/Indian agent. The remaining 10% shall be released only after receipt of Inspection Report or satisfactory installation & commissioning report of the equipment.
- 2.14.12 **In all cases, the bidders should invariably provide the following information:**
a. Name & complete address of the supplier as per bank records
b. Name & Address of the bank with Branch details
c. Bank Account No. and indicate the core Bank Account no. if any.
d. IFSC/NEFT/MICR code etc.
e. PAN/TIN & GST Registration no. in case of Indigenous suppliers.
- 2.15 **CATALOGUES/MANUAL:**
Tenderer shall submit manufacturers' technical specifications and catalogues, operation manual, literature, diagrams, photographs etc. of goods offered thereby facilitating technical evaluations.
- 2.16 **SHORT SHIPMENT:**
If any short-shipment is noticed, the same will be arranged immediately with all charges to this effect to be borne by supplier/Indian agent.
- 2.17 **GENUINE PRICING** (both foreign & indigenous supplier):
Vendor is to ensure that quoted price is not more than the price offered to any other customer in India to whom this particular item has been sold. Copy of the latest price list for the quoted item, applicable in India, must be enclosed with your offer.
- 2.18 **CONDITIONAL TENDERS** (both foreign & indigenous):
Conditional tenders shall not be accepted on any ground and shall be rejected straightway. In other word, printed conditions mentioned in the tender bids submitted by vendors will not be binding on Guwahati Biotech Park. All the terms and conditions for supply, payment terms, penalty etc. will be as those mentioned herein and no change in the terms and conditions by the vendors will be acceptable.
- 2.19 **ENQUIRY DURING EVALUATION:**
No enquiry shall be made by the bidders during the course of evaluation of the tender till the final decisions conveyed to the successful bidder(s). However, the committee/its authorized representative can make any enquiry/seek clarifications from the bidders. In such situation, the agency shall extend full co-operation.
- 2.20 **TERMINATION OF DEFAULT:**
- 2.20.1 Default is said to have occurred
- If the supplier fails to deliver any or all of the services within the time period(s) specified in the purchase order or any extension thereof granted by GBP.
 - If the supplier fails to perform any other obligation(s) under the contract.
- 2.20.2 If the vendor, in either of the above circumstances, does not take remedial steps within a period of 30 days after receipt of default notice from **CEO, Guwahati Biotech Park** (or takes longer period in spite of what GBP may authorize in writing), GBP may terminate the contract/purchase order in whole or in part and forfeit the EMD/PBG as applicable. In addition to above, GBP may at its discretion also take the following actions: GBP may procure, upon such terms and in such manner, as it deems appropriate, goods similar to the undelivered items/products and the defaulting supplier shall be liable to compensate GBP for any extra expenditure involved towards goods and services obtained.

- 2.21 **APPLICABLE LAW & ARBITRATION**(both foreign & indigenous):
- 2.21.1 The contract shall be governed by the laws and procedures established by Govt. of India and subject to exclusive jurisdiction of competent Court & forum in Guwahati, India only.
- 2.21.2 In case of dispute or difference arising between Purchaser and a Supplier, such disputes shall be settled in accordance with rules and provision under the **Indian Arbitration & Conciliation Act., 1996.**
- 2.21.3 Any dispute arising out of this purchase shall be referred to the CEO, Guwahati Biotech Park, and if either of the parties hereto is dissatisfied with the decision, the dispute shall be referred to the decision of an arbitrator, who should be acceptable to both the parties, to be appointed by the CEO, GBP. The decision of such arbitrator shall be final and binding on both the parties.
- 2.21.4 In case any dispute arising in between purchaser and a foreign bidder cannot be settled under the provision mentioned above, such disputes shall be settled in accordance with the provision of UNCITRAL (United Nations Commission on International Trade law).
- 2.22 **LIABILITY IN CASE OF JOINT VENTURE, CONSORTIUM OR ASSOCIATION/AMALGAMATION/ ACQUISITION & PATENT RIGHT:**
- 2.22.1 The bidder should participate as a single party and no consortium is allowed.
- 2.22.2 Amalgamation/Acquisition: In the event of Manufacturer/Supplier proposes for amalgamation, acquisition or sale of its business to any firm during the performance of the contract, the buyer/successor of the Principal company are liable for fulfillment of obligations under the contract.
- 2.22.3 Patent Indemnity: The supplier shall also indemnify and hold harmless the purchaser and its employees and officers from and against any or all suits, actions or administrative proceedings, claims, demands, losses, damages, costs and expenses of any nature including attorneys fees and expenses, which the purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, design, trademark, copyright or other intellectual property right registered or otherwise existing at the date of the contract by reason of:
- a. the installation of the Goods by the Supplier or the use of the Goods in India; and
- b. the sale in any country of the products produced by the goods.
- 2.23 **FORCE MAJEURE**
- 2.23.1 The supplier shall not be liable for failure to perform its obligations under the contract in the event of Force Majeure. The term "Force Majeure" as employed herein shall mean acts of God, War, Civil Riots, Fire directly affecting the performance of the supplier, Flood and Acts and Regulations of respective government of the two parties, namely GBP and the supplier.
- 2.23.2 Upon the occurrence of such cause and upon its termination, the party alleging that it has been rendered unable as aforesaid thereby, shall notify the other party in writing, the beginning of the cause amounting to Force Majeure as also the ending of the said clause by giving notice to the other party within 72 hours of the ending of the cause respectively. If deliveries are suspended by Force Majeure conditions lasting for more than 2 (two) months, GBP shall have the option of canceling this CONTRACT in whole or part at his discretion without any liability at his part.
- 2.24 **CONSIDERATION OF TENDER**
- 2.24.1 **The acceptance of the offers will rest solely with the CEO**, Guwahati Biotech Park, who in the interest of the organization reserves the right to himself to reject or partially accept any or all the quotations received without assigning any reason.
- 2.24.2 Guwahati Biotech Park decision shall be final and binding and no claims/representations in this regard shall be entertained. Guwahati Biotech Park reserves the right to accept or reject any or all the bids and to withdraw or cancel entire bidding process without assigning any reasons whatsoever. Mere submission of bid by the bidder does not vest any right in them for being selected.

Sd-/
Chief Executive Officer
Guwahati Biotech Park

Website: www.guwahatibiotechpark.com

email: ceogbp@guwahatibiotechpark.com

ANNEXURE-I.

Proforma of Bank Guarantee

Ref. No.....

Bank Guarantee No.....

Dated

To
Chief Executive Officer
Guwahati Biotech Park
Technology complex, IIT Guwahati
Guwahati781039

Dear Sir,

Whereas **Guwahati Biotech Park Incubation Centre** having its office at Technology Complex, IIT Guwahati, Guwahati-781039 (hereinafter called 'PURCHASER' which expression shall unless repugnant to the context or meaning thereof include all its successors, administrators, executors and assignees) has floated a Tender No. _____ and M/s _____ having Head/Registered office at _____ (hereinafter called the 'Bidder' which expression shall unless repugnant to the context or meaning thereof mean and include all its successors, administrators, executors and permitted assignees) have submitted a bid Reference No..... and Bidder having agreed to furnish an unconditional and irrevocable Bank Guarantee of Indian Rupees (in figures)_____ (Indian Rupees(in words)_____ only) as a security for compliance with the Supplier's performance obligation in accordance with the Purchase order no.....dated..... which amount is liable to be forfeited on the happening of any contingencies mentioned in said documents.

We (name of the bank)_____ registered under the laws of_____ having head/registered office at _____ (hereinafter referred to as "the Bank" which expression shall, unless repugnant to the context or meaning thereof, include all its successors, administrators, executors and permitted assignees) guarantee and undertake to pay immediately on first demand by Guwahati Biotech Park Incubation Centre, the amount of Indian Rs....(in figures) _____ (Indian Rupees(in words) _____ only) in aggregate at any time without any demur and recourse, and without Guwahati Biotech Park Incubation Centre having to substantiate the demand. Any such demand made by Guwahati Biotech Park Incubation Centre shall be conclusive and binding on the Bank irrespective of any dispute or difference raised by the Bidder.

The Bank confirms that this guarantee has been issued with observance of appropriate laws of the country of issue. The Bank also agree that this guarantee shall be irrevocable and governed and construed in accordance with Indian Laws and subject to exclusive jurisdiction of Indian Courts of the place from where tenders have been invited.

This guarantee shall be irrevocable and shall remain in force upto _____ which includes thirty days after the period of bid validity and any demand in respect thereof should reach the Bank not later than the aforesaid date.

Notwithstanding anything contained hereinabove, our liability under this Guarantee is limited to Indian Rs...(in figures)_____ and our guarantee shall remain in force until (indicate the date of expiry of bank guarantee) _____.

Any claim under this Guarantee must be received by us before the expiry of this Bank Guarantee. If no such claim has been received by us by the said date, the rights of Guwahati Biotech Park Incubation Centre under this Guarantee will cease. However, if such a claim has been received by us by the said date, all the rights of Guwahati Biotech Park Incubation Centre under this Guarantee shall be valid and shall not cease until we have satisfied that claim. In witness whereof, the Bank, through its authorised officer, has set its hand and stamp on this day of at

WITNESS

(Signature)
Full name and official
address (in legible letters)

(Signature)
Full name, designation and
official address (in legible
letters) with Bank stamp.

Dated

Annexure-II

Price Schedule For Goods Being Offered From Abroad

Name of the Bidder:

NIT No. & Date:

Offer/Quotation No. & Date:

Name of the Item:

Make/Model No.:

Country of origin:

Currency:

SL No.	Description of Items			Qty.	Unit.	Rate	Amount
	Part No./Catalogue No.	Item Name	Specifications				
	Required Spares/ Consumables (if any)						
	Accessories (if any)						
	Additional Items						
	Total Ex-works price						
	Less: Discount if any						
	Net Ex-work Price						
	Packing & forwarding charges if any						
	FOB/FCA(named port) price						
	Overseas Freight & Insurance						
	Total CIP/CIF,(named port in India) (if not CIP/CIF Guwahati)						
	Custom Duty, if any (as applicable)						
	Custom Clearance charges if any						
	GST (as applicable)						
	Charges for inland transportation, insurance up to Guwahati Biotech Park (if not CIP/CIF Guwahati)						
	Installation & commissioning charge, if any						
	Any other charge/s, if any						
	Grand total on door delivery at Guwahati Biotech Park						

Signature & seal of Bidder

Note: Bidder may use additional rows/sheets if necessary keeping the format same.

ADDITIONAL INFORMATON:

Term	Condition	Remark if any
Validity of Price bid Upto:		
Delivery term(INCOTERM):		
Delivery Schedule:		
Mode of Shipment; (Sea/Air/Road/Rail)		
Port of Destination/Discharge		
Final destination/Place of delivery	Guwahati Biotech Park (GBP), Technology Complex, IIT Guwahati	
Warranty Period:		
Payment Term:		
Payment option: (LC/FDD etc.)		
Annual Maintenance Charges:	Comprehensive	
	Non-Comprehensive	
Indian agents name & address		

Note:

- a. Quoted price should be inclusive of 5 yrs Warranty at free of Cost.
- b. Custom Duty Certificate: Custom duty exemption certificate as applicable will be issued against receipt P.O. Acknowledgement.
- c. In case of bidder quote in CIP/CIF, (named port) term, the other charges such as agency commission if any, Custom duty & clearance charges, Inland freight & insurance charges upto GBP, Installation & Commissioning charges if any will be paid in Indian Currencies.
- d. The Indian agent's commission shall be paid in Indian Rupees only based on the Exchange Rate prevailing on the date of negotiation of documents.
- e. The cost of optional items shall be indicated separately.
- f. The L1 bid will be evaluated by comparing the landing cost of all bids in the same currency i.e.in Rupees. The landing cost will comprise of Cost of the equipment along with complete accessories for installation of the same+ all charges, taxes & duties etc.
- g. (g) The selling exchange rate on the date opening of price bid will be considered for conversion of foreign currencies.

Signature & seal of Bidder

Annexure-III

Price Schedule For Goods Being Offered From India.

Name of the Bidder:

NIT No. & Date:

Offer/Quotation No. & Date:

Name of the Item:

Make/Model No.:

Country of origin:

SL No.	Description of Items			Qty.	Unit.	Rate	Amount	GST & other taxes applicable if any	Total
	Part No./ Catalogue No.	Item Name	Specifications						
	Required Spares/Consumables (if any)								
	Accessories (if any)								
	Additional Items								
	Net Ex-work Price								
	GST (as applicable)								
	Packing & forwarding up to Guwahati Biotech Park, if any								
	Charges for inland transportation, insurance up to Guwahati Biotech Park								
	Installation Commissioning and training Charges, if any								
	Total F.O.R., Guwahati Biotech Park Price								
	Total Bid price (F.O.R., GBP) in words.....								

Signature & seal of Bidder

Note: Bidder may use additional rows/sheets if necessary keeping the format same.

ADDITIONAL INFORMATION:

Term	Condition	Remark if any
Validity of Price bid Upto:		
Delivery term:		
Delivery Schedule:		
Mode of Shipment; (Rail/Road/Air)		
Port of Destination/Discharge		
Final destination/Place of delivery	Guwahati Biotech Park (GBP), Technology Complex, IIT Guwahati	
Warranty Period:		
Payment Term:		
Annual Maintenance Charges:	Comprehensive	
	Non-Comprehensive	

Note:

- a. Quoted price should be inclusive of 5 yrs Warranty at free of Cost.
- b. Custom Duty Certificate: Custom duty exemption certificate as applicable will be issued against receipt P.O. Acknowledgement.
- c. Road Permit: Road Permits (Waybills) shall be issued as applicable for delivery of materials against receipt of Order Acknowledgement and Proforma Invoice.

Signature & seal of Bidder

Annexure-IV

Bidder Information Form

- a) The Bidder shall fill in this form in accordance with the instructions indicated below. No alternations to its format shall be permitted and no substitutions shall be accepted. This should be done of the letter head of the firm

Date: (of Bid Submission)

Tender No.: (insert number from invitation for bids)

Page 1 of _____ pages

1. Bidder's Legal Name:
2. In case of JV, legal name of each party:
3. Bidder's actual or intended Country of Registration:
4. Bidder's Year of Registration:
5. Bidder's Legal Address in Country of Registration:
6. Bidder's Authorized Representative Information Name: (Authorized Representative's name) Address: (Authorized Representative's Address) Telephone/Fax numbers: (Authorized Representative's Telephone/Fax numbers) Email Address: (Authorized Representative's Email Address)
7. Attached are copies of original documents of: (check the boxes of the attached original documents) Articles of Incorporation or Registration of firm named in 1, above , in accordance with ITB Clauses ... and ...

Signature of Bidder _____

Name _____

Business Address

Annexure-V

Manufacturer's Authorization Form

The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer.

Date: (date of Bid submission)

Tender No.: (insert number from invitation for bids)

To: (Complete name and address of Purchaser)

Whereas

We (complete name of the manufacturer), who are official manufacturers of (type of goods manufactured), having factories at (full address of manufacturer's factories), do hereby authorize (complete name Bidder) to submit a bid the purpose of which is to be provide the following Goods, manufactured by us (name and or brief description of the goods), and to subsequently negotiate and sign the contract.

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

Signed: (signature(s) of authorized representative(s) of the Manufacturer)

Named: (complete name(s) of authorized representative(s) of the Manufacturer)

Title:

Duly authorized to sign this Authorization on behalf of: (complete name of Bidder)

Dated on _____ day of _____, _____ (insert date of signing)

Annexure-VI
BID SECURITY FORM

Whereas _____
(Hereinafter called the tenderer)

Has submitted their offer dated _____

For the supply of _____
(Hereinafter called the tender)

Against the purchaser's tender enquiry no. _____

KNOW ALL MEN by these presents that WE _____ of
_____ having our registered office at
_____ are bound unto _____ (hereinafter called the
"Purchaser")

In the sum of _____

For which payment will and truly to be made to the said Purchaser, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this _____ day of _____, 20_____.

The Conditions of this Obligation are:

- (1) If the tenderer withdraws or amends, impairs or derogates from the Tender in any respect within the period of validity of this tender.
- (2) If the tenderer having been notified of the acceptance of his tender by the Purchaser during the period of its validity:
- (3) If the tenderer fails to furnish the Performance Security for the due Performance of the contract.
- (4) Fails or refuses to accept/execute the contract.

We undertake to pay the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to owing to the occurrence of one or both the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including 45 days after the period of tender validity and any demand in respect thereof should reach the Bank not later than the above date.

(Signature of the authorized officer of the Bank)
Name and designation of the officer

Seal, name & address of the Bank and address of the Branch

Annexure-VII
BIDDER'S PAST SERVICES (SIMILAR) PROFORMA

Performance Statement Form

(For a period of last 3 years)

Name of the Firm.....

Order Placed by (full address of Purchaser)	Order No. and Date	Description and quantity of ordered equipment	Value of order	Date of completion of delivery as per contract	Date of actual completion of delivery	Remarks indicating reasons for late delivery, if any	Has the equipment been installed satisfactory? (attach a certificate from the Purchaser/Consignee	Contact person along with Telephone No.,FAX No. and email-address

Signature and Seal of the manufacturer/ Bidder.....

Place:

Date:

Annexure-VIII

Deviation Statement Form

1) The following are the particulars of deviations from the requirements of the tender specifications:

Clause	Deviation	Remarks (Including Justification)

Place:

Date:

Signature and Seal of the
Manufacturer/Bidder

NOTE:

- 1) Where there is no deviation, the statement should be returned duly signed with an endorsement indicating "No Deviation".

Annexure-IX

Service Support Detail Form

Sl No.	Nature of training imparted	List of similar type equipments serviced in the past 3 years	Address, Telephone Nos., FAX Nos. and email address

Signature and Seal of the Manufacture/Bidder

Place:

Date:

Annexure-X
Bid Form

(The Bidder shall fill in this form in accordance with the instructions indicated no. alternations to its format shall be permitted and no substitutions shall be accepted)

Date: (date of Bid Submission)
Tender no.: (NIT No.)
To: (complete name of Purchaser)

We, the undersigned, declare that:

- (a) We have examined and have no reservation to the Bidding Documents, including Addenda No.: (insert the no. and issuing date of each Addenda).
- (b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedule specified in the schedule of requirements the following Goods and related Services (a brief description of the Goods and Related Services).
- (c) The total price of our bid, excluding any discounts offered in item (d) below is: (the total bid price in words and figures, indicating the various amounts and the respective currencies).
- (d) The discounts offered and the methodology for their application are:
Discounts. If our bid is accepted, the following discounts shall apply. (Specify in details each discount offered and the specific item of the Schedule of Requirements to which it applies).
- (e) Our bid shall be valid for the period of **120 days** and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
- (f) If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause no.... and GCC Clause ... for the due performance of the Contract.
- (g) The following commissions, gratuities, or fees have been paid or are to be paid with respect to the bidding process or execution of the Contract: (insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity).

Name of Recipient	Address	Reason	Amount

(If none has been paid or is to be paid, indicate “none”)

- (h) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.
- (i) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Signed: (insert signature of person whose name and capacity are shown)
In the capacity of (insert legal capacity of person signing the bid submission form)

Name: (insert complete name of person signing the bid submission form)

Duly authorized to sign the bid for and on behalf of: (insert complete name of bidder)

Dated on _____ day of _____, _____ (insert date of signing)

Annexure-XI

CHECKLIST (BOQ)

Annexure-XI

CHECKLIST (BOQ)

ITEM NO.	NAME OF THE ITEM	PAGE NO.
BIOINFORMATICS FACILITY		
BIF-1	HARDWARE	30-40
	SOFTWARE	

Annexure-XII
TECHNICAL SPECIFICATIONS

1) Master Node (QTY-1)

Features	Specification
Form Factor	2U max, rack mounted, sliding rails
Processors	10 Core with 1 x Intel Xeon Silver 4210R 2.4Ghz, 10C/20T, 9.6GT/s, 13.75M Cache, 105W
Chipset	Latest OEM chipset supporting an optimized for the above processor
Memory	128 GB DDR4 2666MT/s, with minimum 24 DIMM for future upgradability
Hard Disk Drives	3 x 960GB SSD SATA Mix Use Hot-plug Drive
HDD Bays	HDD bays supporting SAS, SATA, SSD Drives
I/O slots	Minimum 6 nos. PCIe slots including 3 nos. x16 slots
RAID Controller	12Gbps PCIe 3.0, 2GB cache, RAID 1, 5, 6, 10 for higher performance, IOPS among the HDD
Network Interfaces	Minimum 2 no of USB port and 1 VGA Port
	2 Nos of 1 GbE Ports and 1 port of 100Gbps QSFP20 Port
	FC HBA Card dual port 16 Gbps populated with SFP modules or better to connect the Storage.
Server Management	OEM embedded controller and Server Management Tool from same OEM
	Real-time power meter & graphing
	Power thresholds, alerts & capping
	Historical power counters
	Temperature monitoring & graphing
	Proactive notification/alert of actual or impending components failures like CPU, HDD and Memory
	Directory services (AD, LDAP), two-factor authentication & single sign-on
	Real-time out-of-band hardware performance monitoring & alerting & firmware inventory
	Zero-touch auto configuration to auto deploy a baseline server configuration profile
	Support for Redfish API for simple and secure management of scalable platform hardware
Virtual Media, Virtual Folders, Remote File Share, Virtual Console	
HTML5 support	HTML5 access to virtual console & virtual media without using Java or ActiveX plugins
Sub-component quality assurance	All subcomponents quoted within the server should be from the same OEM & factory integrated
Server security	Should provide effective protection, reliable detection & rapid recovery using:
	Secure default passwords
	Detection of configuration and firmware drift from user defined configuration template & remediation of misconfigurations
	Persistent event logging including user activity
	Secure alerting
	Automatic BIOS recovery
	Drive Security, including secure system erase for instant secure erasure for every drive (HDD, SSD, NVMe)
	Dynamically enabled USB ports to protect the servers from USB-based attacks by shutting off USB ports – yet should be able to dynamically enable them as needed for technicians
	Protection against firmware which executes before the OS boots
Configuration upgrades should be only with cryptographically signed firmware and software	

	UEFI secure boot with custom certificates
	System lockdown feature to lock down configuration and firmware, protecting the server from inadvertent or malicious changes
Power Supply	Platinum certified redundant Power Supply with 90% efficiency
Documentation/Datasheet	All necessary Documentary evidence for all the above features must be enclosed
Warranty	5 years' comprehensive warranty with next business day on-site support. Post installation, 5-year product warranty should reflect in the support web site of the OEM.

2) Compute Node (QTY-2)

Features	Specification
Form Factor	2U max, rack mounted, sliding rails
Processors	32 Core with 2 x Intel® Xeon® Gold 5218 2.3G, 16C/32T, 10.4GT/s, 22M Cache, Turbo, HT (125W) DDR4-2666
Chipset	Latest OEM chipset supporting an optimized for the above processor
Memory	256 GB DDR4 2666MT/s, with minimum 24 DIMM for future upgradability
Hard Disk Drives	3 x 960GB SSD SATA Mix Use Hot-plug Drive
HDD Bays	HDD bays supporting SAS, SATA, SSD Drives
I/O slots	Minimum 6 nos. PCIe slots including 3 nos. x16 slots
RAID Controller	12Gbps PCIe 3.0, 2GB cache, RAID 1, 5, 6, 10 for higher performance, IOPS among the HDD
Network Interface	Minimum 2 no of USB port and 1 VGA Port
	2 Nos of 1 GbE Ports and 1 port of 100Gbps QSFP20 Port
	FC HBA Card dual port 16 Gbps populated with SFP modules or better to connect the Storage.
Server Management	OEM embedded controller and Server Management Tool from same OEM
	Real-time power meter & graphing
	Power thresholds, alerts & capping
	Historical power counters
	Temperature monitoring & graphing
	Proactive notification/alert of actual or impending components failures like CPU, HDD, Memory etc.
	Directory services (AD, LDAP), two-factor authentication & single sign-on
	Real-time out-of-band hardware performance monitoring & alerting & firmware inventory
	Zero-touch auto configuration to auto deploy a baseline server configuration profile
	Support for Redfish API for simple and secure management of scalable platform hardware
	Virtual Media, Virtual Folders, Remote File Share, Virtual Console
HTML5 support	HTML5 access to virtual console & virtual media without using Java or ActiveX plugins
Sub-component quality assurance	All subcomponents quoted within the server should be from the same OEM & factory integrated
Server security	Should provide effective protection, reliable detection & rapid recovery using:
	Secure default passwords
	Detection of configuration and firmware drift from user defined configuration template & remediation of misconfigurations
	Persistent event logging including user activity

	Secure alerting
	Automatic BIOS recovery
	Drive Security, including secure system erase for instant secure erasure for every drive (HDD, SSD, NVMe)
	Dynamically enabled USB ports to protect the servers from USB-based attacks by shutting off USB ports – yet should be able to dynamically enable them as needed for technicians
	Protection against firmware which executes before the OS boots
	Configuration upgrades should be only with cryptographically signed firmware and software
	UEFI secure boot with custom certificates
	System lockdown feature to lock down configuration and firmware, protecting the server from inadvertent or malicious changes
Power Supply	Platinum certified redundant Power Supply with 90% efficiency
Documentation/Data sheet	All necessary Documentary evidence for all the above features must be enclosed
Warranty	5 years' comprehensive warranty with next business day on-site support. Post installation, 5-year product warranty should reflect in the support web site of the OEM.

3) GPU Node (QTY-2)

Features	Specification
Form Factor	2U max, rack mounted, sliding rails, bezel lock
Processors	32 Core with 2 x Intel® Xeon® Gold 5218 2.3G, 16C/32T, 10.4GT/s, 22M Cache, Turbo, HT (125W) DDR4-2666
Chipset	Latest OEM chipset supporting an optimized for the above processor
Memory	256 GB DDR4, with minimum 24 DIMM for future upgradability
GPU	1 x Nvidia Tesla V100 32GB GPU(5120 Cuda Cores)
Hard Disk Drives	3 x 960GB SSD SATA Mix Use Hot-plug Drive
HDD Bays	HDD bays supporting SAS, SATA, SSD Drives
I/O slots	6 nos. PCIe slots including 3 nos. x16 slots
RAID Controller	12Gbps PCIe 3.0, 2GB cache, RAID 1, 5, 6, 10 for higher performance, IOPS among the HDD
Network Interface	Minimum 2 no of USB port and 1 VGA Port
	2 Nos of 1 GbE Ports and 1 port of 100Gbps QSFP20 Port
	FC HBA Card dual port 16 Gbps populated with SFP modules or better to connect the Storage.
	1 Nos single Port 100GbE QSFP28 PCIe Adapter card with QSFP Transceivers/ DAC Cables to be supplied to connect with 100 G L3 Switch
Server Management	OEM embedded controller and Server Management Tool from same OEM
	Real-time power meter & graphing
	Power thresholds, alerts & capping
	Historical power counters
	Temperature monitoring & graphing
	Proactive notification/alert of actual or impending components failures like CPU, HDD, Memory etc.
	Directory services (AD, LDAP), two-factor authentication & single sign-on
	Real-time out-of-band hardware performance monitoring & alerting & firmware inventory
	Zero-touch auto configuration to auto deploy a baseline server configuration profile

	Support for Redfish API for simple and secure management of scalable platform hardware
	Virtual Media, Virtual Folders, Remote File Share, Virtual Console
HTML5 support	HTML5 access to virtual console & virtual media without using Java or ActiveX plugins
Sub-component quality assurance	All subcomponents quoted within the server should be from the same OEM & factory integrated
Server security	Should provide effective protection, reliable detection & rapid recovery using:
	Secure default passwords
	Detection of configuration and firmware drift from user defined configuration template & remediation of misconfigurations
	Persistent event logging including user activity
	Secure alerting
	Automatic BIOS recovery
	Drive Security, including secure system erase for instant secure erasure for every drive (HDD, SSD, NVMe)
	Dynamically enabled USB ports to protect the servers from USB-based attacks by shutting off USB ports – yet should be able to dynamically enable them as needed for technicians
	Protection against firmware which executes before the OS boots
	Configuration upgrades should be only with cryptographically signed firmware and software
	UEFI secure boot with custom certificates
	System lockdown feature to lock down configuration and firmware, protecting the server from inadvertent or malicious changes
Power Supply	Platinum certified redundant Power Supply with 90% efficiency
Documentation/Datasheet	All necessary Documentary evidence for all the above features must be enclosed
Warranty	5 years' comprehensive warranty with next business day on-site support. Post installation, 5-year product warranty should reflect in the support web site of the OEM.
Note :The vendor must quote price for additional GPU (1 X Nvidia Tesla V100 32GB GPU Card (5120 Cuda Cores) separately against each GPU-Node.	

4) 120TB Unified Storage Solution (QTY-1)

Description	Minimum specification
Make and Model	(Please specify)
Controllers	System should be configured with 2 or more controllers in redundant ACTIVE-ACTIVE mode. Controllers shall be true active-active so that a single logical unit can be shared across all offered controllers in symmetrical fashion, while supporting all the major functionalities like Thin Provisioning etc.
Cache	The system should have a minimum of 128 GB of cache/ system memory across dual controllers. The cache should be persistent across all controllers offered. Data in the cache should be protected from unlimited period of power outage. Additionally, the same storage should support SSD / Flash as extended Read and Write Cache which can be added in future in the same storage system.
Disk Support	System should support drive SAS and SSD drives. Storage should be provided with File level retention and 256 Bit encryption (FIPS 140-2 compliant) to be offered from Day 1.
Protocols and Ports Support	At least FC & iSCSI. The system is to be default configured with 4 x 32Gbps FC ports scalable up to 8 x 32Gbps FC ports and minimum 2 nos' of 10Gbps iSCSI/IP ports.
Software licenses	The system should be configured with licenses for FC and iSCSI. CIFS, pNFS. Thin Provisioning, Virtualization integration software license should be provided for entire system. Storage replication license should be provided for entire system.

Performance Monitoring Software	Storage subsystem shall be supplied with Thin Provisioning, Snapshot, De-duplication, Compression, Performance Monitoring, and Quality of service on day 1 for the maximum supported capacity of array.
Storage Management	Support a browser based built in management. Should be able to support automated email to vendor support center for proactive maintenance. There should be a dedicated Ethernet port for management and it should not use the iSCSI host ports for management.
Snapshots	The system should be configured with Snapshot licenses, snapshot restore licenses for the entire systems capacity.
Automated Tiering	Storage array be configured with license for automated tiering or equivalent management.
RAID Support	Should support RAID 10, 5 and 6.
Storage space	The bidder should configure 120TB usable capacity net of RAID 5 / 6, using 10KRPM (or higher rpm) SAS or higher Drives. Storage should support minimum Hard disk expendability up to 400HDD or higher.
NSPOF feature and QoS	Offered storage array shall be configured in a No single point of configuration including Array controller cards, Cache memory, FAN, Power supply etc. Offered storage shall support quality of service for critical applications so that appropriate and required response time can be defined for application units at storage .It shall be possible to define different service/response time for different application logical units
SAN Connectivity	Solution should offer with necessary hardware with min 8 nos 16/32Gbps licensed interfaces/ports from day one with fully populated SFP modules & 8 Nos of OFC patch cords (3 Mtr) to establish SAN connectivity with the servers.
Replication	Storage array should be configured with license for Replication. Offered storage array system shall be supplied with two additional native IP/FC ports doe storage-based replication.
Warranty and Support	5 Years support for hardware and software OEM Storage

5) HPC Management Software (QTY-1)

Features	Specification
HPC Management Software	<ol style="list-style-type: none"> 1 The Cluster Management product must support a mixture of hardware vendors. 2 The Cluster Management product must support a mixture of Operating Systems. 3 The Cluster Management product must support both a Graphical User Interface and a Command Line Interface. 4 The Cluster Management Product Should have an Application Programing Interface. 5 A single Graphical interface must be able to manage multiple clusters at different locations. 6 The Cluster Management product Should have Logical grouping of nodes. 7 No single point of failure for the head / management / controller nodes. These nodes must be resilient with no single points of failure. 8 The Cluster Management Product Should have management task distribution / delegation to other nodes. 9 The Cluster Management Product Should have monitoring features for failing hardware and software components. 10 The Cluster Management Product Should supports both NVIDIA GPUs and Intel XEON Phi co-processors. 11 The cluster management software must be commercially supported and under active development. 12 The cluster management software must support both traditional HPC computing, OpenStack &Hadoop. 13 The cluster management must provide support for multiple work load managers on different clusters. 14 The cluster management must support of diskless / stateless compute nodes. 15 The Cluster Manager should have provision of different Linux OS images on all or part of the

	<p>Cluster in an efficient manner in terms of time and bandwidth required.</p> <p>16 The Cluster Manager must provide a mechanism to generate statistics relating to system performance and utilization.</p> <p>17 The following system software and scientific libraries must be provided to enable the generation and running of optimized code: high quality native compiler and libraries for C, C++ and Fortran programming. GNU toolchain including compiler collection, make, etc. fabric optimized MPI and MPICH2. OpenMP. Optimized BLAS, PBLAS, LAPACK and SCALAPACK libraries.</p> <p>18 The Cluster Manager should have provision of system health check diagnostic routines provide proactive warning of problems, e.g. by sending an email to support staff.</p> <p>19 The Cluster Manager should have Integrated management of physical and virtual machines</p> <p>20 The cluster Manager must be capable of monitoring InfiniBand, capable of monitoring Intel OmniPath and bursting into cloud.</p> <p>21 The cluster must have a feature for Redundant Failover Master Nodes.</p> <p>22 The cluster must have a feature of Off-loadable Provisioning, Multi-Cluster Management.</p> <p>23 The cluster suite should have minimum 5 Years subscription and support from day one. 5 Nodes Supported License should be provided.</p> <p>25. The bidder must have OEM Certified engineer of the quoted product in their payroll. Bidder must enclose valid certificate during the submission of tender.</p> <p>24 The proposed cluster suite should have option for renewal of subscription/license.</p>
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6) 100Gbps Switch (QTY-1)

Features	Specification
Device Type	Switch should be chassis or fixed form factor with full Enterprise Layer 3 image supporting IPv6 and BGP with the latest Firmware as available with Line rate non-blocking performance.
Ports Scalability	The switch should support minimum of 32 x QSFP28 interfaces along with 1 x 1Gb OOB Management port and 1 x Serial port.
Port Requirement	The switch to be supplied with fully populated Optic/DAC cables for 100G for minimum asked ports along with appropriate Port licenses as required
High Availability	The switch should support HA options in Active - Active or Active Backup configuration as required, all supporting features and licenses to be provided to support the same.
Interfaces to connect Switch	The switch should support relevant 10G/25G/40G/100G interfaces to connect Distribution/Access Switch.
Switching Capacity	Minimum 6 Tbps backplane or more with non blocking performance supported by toly/Miercom or equivalent reports.
MAC Address Table Size	Minimum 128K MAC addresses and ARP table
Memory and Buffer	Switch should have 8GB RAM and 16MB packet buffer
802.1Q Vlans	4K 802.1Q vlans with 4K vlan ID support
Data Link Protocol:	10 Gigabit,25 Gigabit, 40 Gigabit, 100Gigabit
Routing Protocol:	Should support L3 routing in hardware for both IPv4 and IPv6 packets
	Should support 64K route table capacity for IPv4 and IPv6 in hardware.
	Should support Static Route, OSPF, BGP from Day one for both IPv4 and IPv6 considering all License, software, hardware upgrades required if any.
Link Aggregation	Should support Link Aggregation Group (LAG) which will combine several same speed links into a single logical entity with the accumulated bandwidth of the originating ports
Status Indicators:	Link activity, port transmission speed, port duplex mode, power, link OK, system

Compliant Standards:	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.1s, 802.3ae 10 Gigabit Ethernet, 802.3ba 40Gigabit Ethernet, 802.1p L2 Prioritization, 802.1Q VLAN Tagging, GVRP, 802.1D Bridging, GARP, GVRP, 802.3x Flow Control, 802.1ac Frame Extension for VLAN tagging, 802.1x Port based Network Access Control
DHCP	Should support DHCP (Client, Snooping and Relay), with UDP helper
Multicast	MLD Snooping v1/v2, MLD snooping, IGMP Snooping v1/v2/v3, PIM technologies
Redundancy Protocols	Should support STP, RSTP, MSTP/PVST, Root Guard and BPDU Guard.
Qos	Should support and create Policy Maps using DSCP values, QoS Rate Adjustment, Strict-priority Queueing or Similar, Weighted Random Early Detection, minimum 8 queues using 802.1p or similar
	should support remarking of 802.1p and DSCP priorities, along with Prioritization and Congestion Management.
Security Features	Should support all AAA functions with RADIUS and TACACS integration.
	Should support various storm control functions.
	Should support Control Plane / CPU protection using ACL and Qos.
	Should support 802.1x implementation using RADIUS
	Should support Ingress and Egress Acls
Management Function	Should be capable to support NAC implementation
	Should support encrypted communication between the user accessing the device namely using all access methods CLI, SSHv2, SSL, and SNMPv3 and Secure FTP/TFTP
	Support be able to define various user Privilege level mapped to various configurations modes.
	The Operating image should be modular in architecture with the industry standard CLI would be preferred along with SNMP and XML support.
	XML/PERL/Python/API integration support should provide the ability to control IP addresses, configure both physical and logical interfaces, configure Access controls.
	The proposed switch should have the ability to disaggregate software and hardware using SDN feature.
	The Switch OS should provide Rest API integration and can work with configuration automation tools like Ansible, SALT, CHEF Etc.
	Should support Openflow to integrate with open source controllers
	Should support sFlow or equivalent
	Should support management vlans and Port namings to each interfaces
	Should support Link Layer Discovery protocols
Should support management function like Ping, Telnet, Tracert for both IPv4 and IPv6	
Voltage Required:	AC 120/240 V (50/60 Hz)
Redundancy	The proposed switch should be offered FANs module and Power supply Redundancy.
Operating specifications	Operating temperature: 32° to 104°F (0° to 40°C)
Voltage Required:	AC 120/240 V (50/60 Hz)
Datacenter Cooling	The proposed switch shall have hot-plug redundant FANs with front to back air flow mechanism to manage the hot/cold aisle environments in the server room.
Compliant Standards:	Should be ROHS Compliant, IPv6 Ready for both Host and Router,
	UL/CSA 60950-1, Second Edition

	EN 60950-1, Second Edition
	EN 300 386, EN 55024, EN 61000-3-2, EN 61000-3-3, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6 or equivalent standards.
	All necessary Documentary Evidence should be enclosed
Warranty	OEM warranty for 5 year 24x7 Next Business Day

7) Console for KVM Display (QTY-1)

Features	Specification
Screen Size	Integrated KVM console with 19" LCD monitor—in a Slide away housing.
Flexibility	LCD module rotates up to 115 degrees for a more comfortable viewing angle.
Compatibility	Compatible with most PS/2 KVM Switches
Power	Internal power built in adjustable depth to fit within a rack High Video
Resolution	Up to 1280 x 1024 @ 75Hz-Supports DDC, DDC2, DDC2B. DDC emulation—VGA settings of every connected computer are automatically adjusted for optimal out put to the LCD monitor
Form Factor	Rack mountable in 19"(1U) system rack.
Warranty	5 years On Site Warranty.

8) 16 Port KVM Switch (QTY-1)

Features	Specification
16 Port KVM Switch	One USB-PS/2 console controls up to 16 Servers Dual Interface-supports computers and console with PS/2or USB key boards and Mice. Multi platform support - Windows, Linux Supports multimedia USB keyboards for Servers Auto PS/2 and USB interface detection USB /PS/2 keyboard and mouse emulation-computers boot even when the console focus is elsewhere Superior video quality-up to 1920 x 1080 Computer selection via front panel push buttons, hot keys and multi lingual on-screen display Warranty: 5 years On Site Warranty.

9) Workstation (QTY-1)

Feature	Specification
Processor	Intel Xeon Processor with minimum 10C 3.7GHz 4.7GHz Turbo HT 19.25MB 165W DDR4-2933 or higher
Chipset	Intel® C400 series or higher
RAM	64GB 4x16GB DDR4 2933MHz RDIMM ECC Memory , 8 DIMM Slots, scalable up to 512GB DDR4 2933 RDIM ECC Memory.
HDD Controllers	Integrated: Intel Rapid Storage Controller 12.0 supporting SATA 6Gb/s and host based RAID 0/1/5/10
Hard Disk	1x 1 TB 2.5" SATA Solid State Drive , 1 x 2TB 3.5" 7200rpm SATA Hard Drive
Optical Drive	DVD+/-RW
Graphics Card	1 x NVIDIA Quadro P4000 8 GB GDDR5
Monitor	21.5 inches with Resolution upto 1920 x 1080 or Higher, Height-adjustable stand , Tilt, Swivel, Pivot, 1 x DisplayPort version (Same OEM make / Brand quoted Workstation system)
Expansion Slots	2 NosPCIe x16 , 1 NosPCIe x16

Security and Management software	Security and Management Software Trusted Platform Module 2.0 and chassis Intrusion switch. Auto performance tuning software from same workstation OEM
Networking Port	Integrated Gigabit Ethernet controllers with Intel Remote Wake UP and PXE support
I/O Ports	Minimum 8 x USB 3.1 and 2 x USB 3.1 Type C, 1 x Serial Port, 1 RJ45, 2 x PS2, Audio port 1 –Audio Line out, 1– Audio Line in/Microphone
Keyboard and Mouse	Minimum 104 keys USB Keyboard and USB Optical Scroll mouse - Same make as that of the workstation
Audio	High Definition Integrated Audio with internal speaker
Power Supply	Min 950W (input voltage 100VAC - 240VAC) –90% efficient or higher
Operating System	Genuine Microsoft Windows 10 Pro 64 bit for Workstations (4 cores plus) preloaded with driver media. System should be certified for running RHEL and Ubuntu Linux.
Certification	FCC, UL, EPEAT® registered.
Warranty	5 Years OEM onsite including labor and parts replacement. Warranty status must be available in OEM website against the supplied model serial no.
Production Unit, Certification and Compliance	OEM and Bidder should have ISO 9001 and 14001 Certified India Unit (Proof of Certification of India unit to be submitted).

10) Desktop (QTY-4)

Feature	Specification
Processor	Intel @ 9th Generation Core i7-9700 (8Cores/12MB/8T/3.0GHz to 4.7GHz/65W); supports Windows 10/Linux.
Chipset	Latest OEMs Chipset
Memory	16GB (1x16GB) DDR4 2400 Memory Expandable up to minimum 64 GB DDR4- 2666 MHz (at least 3 free DIMM slots for future expandability and redundancy of RAMs with 4DIMM.
Internal Storage	1 TB 7200RPM
Optical Drive	DVD+/-RW
Graphics	2 GB Graphic Card
Expansion Sots	Full Height PCIe x16, 1 Full Height PCIe x16(wired x4), 2 full height PCIe x1, 1 M.2 for storage
Ports and connectors	10 USB ports should be available in total
	5 x 3.1 Gen 1 (1 Type-A front, 4 Type-A rear),
	1 USB Type-C x 3.1 Gen 2 (front)
	2 Type A rear - 2 Smart Power On), 1 RJ – 45, 2 Display port,1 Universal Audio Jack
	1 Line-Out, 1 Serial Port (to connect medical equipment's)
Communication	10/100/1000 Gigabit Network Connection
Power Supply	250W,active PFC or higher
Warranty	5 years On-site Comprehensive warranty
Operating System	Wind 10 Pro 64 Bit
Compliance Certification	OEM: ISO 9001 and 14001
	Desktop and Monitor: ENERGY STAR 7.0/7.1 compliant, EPEAT Registered10, TCO Certified
Chassis & Security	Trusted Platform Module (TPM) 2.0 or Higher
Monitor	21.5 inch, IPS w/ LED backlight, 5 years warranty, height adjustable
Production Unit, Certification and Compliance	OEM and Bidder should have ISO 9001 and 14001 Certified India Unit (Proof of Certification of India unit to be submitted).

11) Rack (QTY-1)

Feature	Specification
Rack: 42U Standard OEM racks	The rack should be supplied with Perforated front and back doors. The rack unit should be of size 600 W x1000D or higher. Suitable capacity of redundant PDUs, circuit breakers for single phase OR 3 phase UPS power inlets should be provided. There should be proper CIE sign, with the self-cooling (fans) mechanism for the Master/Compute/ Computational nodes in the racks. Horizontal and Vertical cable management should be provided. Accessories: All necessary cards/connectors/cables/software/license to connect the server/chassis should be accompanied. Warranty: Onsite 5 years 24*7 warranty for all the equipment's. OEM supplied model warrant must be visible in OEM website

12) UPS (QTY- 1 Set -2Unit)

UPS (2 x 15 KVA Online with 2 hours' power back redundancy & load balancing)	
Feature	Specification
General features	15 kva hot standby (15kva x 2 set)true online pure sinewave double conversion design , inbuilt isolation transformer, crest factor 3:1 , warranty 5 years on ups and 2 years on battery , phase 3:1 ,cabinet should be designed only with locks without any screws and all pc bas are coated for anti-moisture, anti-electric leakage, anti-dust and anti-corrosion.
Output Power Factor	0.9 to unity mandatory
INPUT VOLTAGE (V)	380V / 400V / 415V AC \pm 20% (3Ph+N+PE)
OUTPUT VOLTAGE (V)	220V/230V/240V \pm 1%
EFFICIENCY	Above 90%
Protection Device	Suitable inbuilt surge protection, lightening protection etc.
BATTERY VOLTAGE /CHARGING CURRENT	360 DC maximum / 10- 40 AMP
Battery Back-up	Minimum 120 minutes ,43000vah , separate battery bank for hot standby , battery should be SMF battery Exide /Quanta
Certification	The UPS OEM should be certified by ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007, ISO 27001:2013, CE & RoHS Copies of the above certifications should be submitted with the technical Bid (compulsory)
Manufacturer's Credibility	UPS OEM SHOULD HAVE PAN INDIA LOCATION DEDICATED TOLL FREE No. FOR SERVICE CALL LOGGING & RESOLUTION SUPPORT SYSTEMS AND AVAILABILITY OF OEM LOCAL SERVICE SUPPORT OFFICE IN ASSAM, UPS should be manufactured in India and declaration in OEM letterhead certifying product quoted is manufactured in India. OEM should have successfully completed at least 03 similar works (supply, installation & commissioning) of the offered make in other Govt. Technical/ Research/Educational Institute in Assam (Documents to be submitted)
Warranty	5 Years Warranty on UPS & 2 years on Battery Warranty details to be mentioned in the OEM letter head and is needed to be submitted with the technical Bid

13) Installation & Commissioning (QTY-1)

Feature	Specification
Installation & Commissioning	Cost for complete installation, integration, documentation with any Additional Hardware/software/licenses/accessories if required by the bidder.

Essentials:

- All the drivers/support for the quoted items should be readily available at the OEM-WEB site for download.
 - The Server /Desktop/Storage OEM preferably fall under Top manufacturers in the Leaders Quadrant of Gartner's magic quadrant (latest edition) for Global Enterprise X86 platform servers & Desktop / Top three vendors in latest IDC preferred, certified by BIS etc.
 - The bidder must submit the technical compliance sheet/report/ OEM datasheet (highlighting the offered specification with clear indication of Make & Model) as per the technical requirements/features; stating deviations if any.
 - The bidder must furnish proper OEM - BOM in OEM later head.
 - OEM should have been profit making in past 5 years. Balance Sheet of OEM to be provided in the bid.
***Documentary evidence in support of all above points must be provided.**
 - Warranty shall not become void even if GUWAHATI BIOTECH PARK buys any other supplemental hardware from a third party and installs it with/in these machines. However, the warranty of the OEM will not apply to such hardware items installed. If the bidder is not the OEM for the brand quoted, the warranty for the hardware / software shall be provided from the OEM.
 - OEM or Vendor with previous poor service records and fraudulent history won't be accepted.
 - **The bidder must sign a service agreement prior to the release of payment with the terms given Below(Guideline for Desktops / Laptop/Server /Storage /Switch etc.) & a clear statement must be made by the bidder in conformity of the points as given below in their quotation.**
- I. The Solution must include installation & integration of intel parallel studio (Intel Fortran, Intel C compiler, Intel MPI, Intel MKL Libraries) with the HPC cluster software queuing system for high performance parallel libraries.
 - II. The bidder will install and configure Unified storage with 120TB usable space and provision LUNs to all nodes in the HPC cluster with redundant FC paths. The bidder must install and configure parallel file system for direct concurrent access across the nodes to the same shared block storage that should work with HPC Software.
 - III. The bidder shall need install configure & commission the BOM as per requirement of GUWAHATI BIOTECH PARK.
 - IV. The supplied hardware should have minimum 5 years on-site comprehensive warranty including upgrades for BIOS, firmware, patches, etc.
 - V. If unresolved issues are pending, warranty duration would be extended till satisfactory resolution of issues without any extra cost to Customer.
 - VI. Post-warranty maintenance support for at least 3 years in respect of entire configuration (comprehensive hardware maintenance, software support & upgrades, etc.) is expected from the bidder. The bidder must submit this post-warranty maintenance support cost (annual basis) as a percentage of procured cost.
 - VII. The systems offered must be latest products from the manufacturers. Obsolete/ retired/ on the verge of obsolescence systems/ subsystems must not be offered. Products going end-of-life in 12 months from last date of tender must not be quoted.
 - VIII. At the time of installation, if it is found that some additional hardware or software items are required to meet the operational requirement of the configuration, but not included in the bidder's original list of deliverables, the bidder shall supply such items to ensure the completeness of the configuration at no extra cost to Customer.
 - IX. The bidders must agree to undertake that the system would be transported and re installed again at permanent campus of Guwahati Biotech Park free of cost if so required during next five years.