

**JAWAHARLAL NEHRU KRISHI VISHWA VIDYALAYA  
JABALPUR - 482 004 (M.P.)**

**Tender Document**

**ITEM RATE TENDER**

**Tender No.: IPRO/BTC/2018-19/114**

**Dated: 29.01.2019**

**Liquid Nitrogen Containers, Air Conditioners, Electrophoresis Apparatus,  
Water Bath (65<sup>0</sup>C), Water Bath (45<sup>0</sup>C), Hot air oven, Refrigerator, Deep  
Freeze (-20<sup>0</sup>C), pH Meter, Ice Flecker, UPS(5 KVA), Micro Pipette Set**

**Cost of Tender Document: Rs. 500/- separate for each item**

**EMD: Separate for each item as mentioned in Annexure-II**



**BIOTECHNOLOGY CENTRE  
JAWAHARLAL NEHRU KRISHI VISHWA VIDYALAYA,  
JABALPUR - 482 004 (M.P.)**

# **BIOTECHNOLOGY CENTRE**

**Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur – 482 004 M.P.**

**Tender No.: IPRO/BTC/2018-19/114**

**Date: 29.01.2019**

## **LIMITED TENDER NOTICE**

Tenders are invited for the supply of equipment for Biotechnology Centre, Liquid Nitrogen Containers, Air Conditioners, Electrophoresis Apparatus, Water Bath (65<sup>0</sup>C), Water Bath (45<sup>0</sup>C), Hot air oven, Refrigerator, Deep Freeze (-20<sup>0</sup>C), pH Meter, Ice Flecker, UPS (5KVA), Micro Pipette Set. Last date for submission of complete tender at office of undersigned is **12.02.2019**, 4:30 pm. For details visit [www.jnkvv.org](http://www.jnkvv.org). Tender will be opened on **13.02.2019** at 11:00 am.

**Director  
Biotechnology Centre  
JNKVV, Jabalpur**

**BIOTECHNOLOGY CENTRE**  
**JAWAHARLAL NEHRU KRISHI VISHWA VIDYALAYA**  
**JABALPUR – 482 004 (M.P.)**

(To be filled by participating Tenderers)

Tenderer has to fill the following form. Tenders with illegible/ incomplete/ false information will be summarily rejected.

- Name of Firm & Owner : .....
1. Registration No. of the Tenderer : .....
2. Complete address of Tenderer : .....
- Phone No. .... Mobile No.....
3. Permanent Account No. (PAN) : .....
4. GSTIN : .....
5. Bank Account No.& address : .....
6. List and copy of the orders. : .....
- If served Govt./ Pvt./ Corporate organization/ SAUs
7. Details of E.M.D. : .....
8. Cost of tender document : Rs. 500/- (Rs. Five Hundred only)
9. Cost of EMD : As given in Annexure

I have gone through and understood all terms and conditions of tender and submitting this tender document.

Name : .....Address : .....

.....

Phone No. : ..... Mobile:.....

Signature & Seal of Tenderer

# BIOTECHNOLOGY CENTRE

Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur – 482 004 (M.P.)

## TENDER DOCUMENT

Tender No.: IPRO/BTC/2018-19/114

Dated: 29.01.2019

### Terms and Conditions:

1. Only manufactures and their authorized distributors or dealers or agents need to submit their tender. The authorized dealers should furnish a certificate directly from the manufacturer for their dealership. Third party authorization will be rejected.
2. No person or firm shall submit more than one Tender for the same item. No offer should have more than one model quoted; in case of more than one alternate offer the first option will be considered.
3. Equipment offered should be new and of latest technology. Second hand, rebuilt, refurbished, reassembled or renovated equipment shall not be accepted. An affirmation to this effect will have to be made on the tender form.
4. It is mandatory to provide all the relevant information in *Annexure I*.
5. Broad-based specifications of equipment/ items/ systems/ works etc. are given in *Annexure II*. The tenderer should also take note of the remarks, if any, given there in.
6. a. Tender must be submitted in sealed cover to the Director, Biotechnology Centre, Jawaharlal Nehru Krishi Vishwa Vidyalaya, Adhartal, Jabalpur – 482004 by Registered/ Speed Post, Courier or delivered personally so as to reach on or before dated **12.02.2019, 4:30pm**.  
b. Belated tender due to postal or any other delay will be rejected.  
c. The tender for each item should be sent separately. The main duly sealed envelope should super scribed TENDER FOR THE ITEM No. \_\_\_\_\_ (NAME OF THE EQUIPMENT)..... DUE on **12.02.2019** FOR DIRECTOR, BIOTECHNOLOGY CENTRE, JNKVV.  
**The sealed envelope should contain “Technical” and “Price” Bid separately in sealed envelopes. Both the sealed envelopes should be kept in one envelope and should super scribed:**  
Tender (Technical Bid and Price Bid) for the Item No. \_\_\_\_\_ (Name of the Equipment) .....Due on **12.02.2019**.  
d. If offers for more than one item are clubbed together, tender will be rejected.  
e. The tender offers should have a validity of 6 months from date of opening.  
f. The tenders will be opened on **13.02.2019, 11:00 am** in the office of undersigned in presence of authorized representative who may wish to be present with proper authority letters from their principals.  
g. J. N. Krishi Vishwa Vidyalaya reserves the right to extend the opening due date and or the date of opening the tenders.  
h. All the leaflets in the offer should be original marked with signature and seal of authorized person.

7. **Technical bids (Envelope A) and Price bids (Envelope B) for each item to be submitted separately kept in one envelope – separate envelope (Envelope C containing both envelopes A and B) for separate item).** Declaration of cost of items at the time of opening of bids will not be possible. Date and time of opening of Price Bid will be intimated to the qualified tenderers. **Financial Bids of only technically qualified firms will be opened.**
8. a. The rates quoted should be for single complete unit with F.O.R. delivery at JNKVV, Jabalpur. The rates quoted should be inclusive of packing and forwarding charges/ loading/ unloading/ handling charges/ freight/ full risk coverage insurance, etc. In case of imported goods all the expenses towards custom duty, clearing charges and transportation with insurance will be borne by the firm/ tenderer and they must quote the rates F.O.R, JNKVV, Jabalpur. The rate should be quoted in Indian Rupees only.
- b. The manufacturer furnishes a legally enforceable valid authorization in manufacturer's letter head in the prescribed form, assuming full warranty obligations for the goods offered.
- c. The bidder, as authorized representative, has supplied, installed and satisfactorily commissioned and provided after sales service for equipment in India during the last 05 years.
- d. Excise duty/ sales tax/ GST/ custom duty (with and without concession certificate) and other levies, if any should be shown separately and the total price of each item should be worked out incorporating the same.
- e. Prices for the main item and accessories should be given separately. This is necessary to work out prices of a desired configuration.
9. The tender should be accompanied by detailed printed technical literature with specifications, make and model number of each item and sub-item quoted in the tender. Specifications given in the offer must match to the authentic printed technical literature or better otherwise the offers shall be rejected.
10. In the event of a tenderer withdrawing his tender within period of its validity entire earnest money and any other deposit made by him along with the tender submitted shall be forfeited.
11. Equipment tendered should be delivered at the premises of the JNKVV situated at Jabalpur erected and handed over to the Director, Biotechnology Centre in satisfactory working condition. Unloading charges will have to be borne by the Tenderer/ Supplier.
12. Rates to be quoted for delivery upto JNKVV, Jabalpur premises, inclusive of installation and commissioning of the equipment. Any damage during transportation, installation and commissioning will be the responsibility of the supplier.
13. The Director, Biotechnology Centre is not bound to accept the lowest or any tender and reserves the right to accept any tender in whole or in part and shall have the right to accept or reject any tender without assigning any reason.
14. Training for operating the equipment shall have to provide free of cost by the supplier to at least three persons for one week training.
15. All losses during transit will have to be made good by the tenders at his cost within a period of 15days.
16. The tenders must warrantee satisfactory functioning of the equipment/system for three years and free service including free replacement of parts for a period of 3 years from the date of successful and satisfactory installation of the equipment/ system.
17. **Tender Document Cost:**

The details of tender document can be downloaded from JNKVV website ([www.jnkvv.org](http://www.jnkvv.org)) and

should be submitted with tender document cost Rs. 500/- only (**non refundable and separate for each item**) in form of Demand Draft/ Pay Order/ Banker's Cheque in favor of The **Director, Biotechnology Centre, JNKVV, Jabalpur**. No one shall be exempted from the remittance of Tender Document Cost.

18. **EMD:**

The “**Technical Bid**” of each item must be accompanied by **Earnest Money Deposit (EMD) as shown against each item in Annexure-II** in the form of Crossed Bank Draft/ Pay Order/ Banker's/ Manager's Cheque/ DD of any Nationalized Bank/ Scheduled Bank made in favour of “**Director, Biotechnology Centre, JNKVV, Jabalpur**”. Without the earnest money in the above form, the offers will be rejected. The EMD in the form of **Firm's Cheque will not be accepted** and the **offer will be rejected**. If the organizations are exempted from EMD should submit valid certificate.

19. **IMPORTANTNOTE:**

The tenderer should submit separate complete tender for each item. Each tender offer should contain the **tender document cost (Rs. 500/-) and Earnest money deposit (EMD – as given in Annexure-II) separately**.

20. **Payment Terms:**

The standard terms and conditions of payment is in full only after the successful supply, installation, commissioning, testing, demonstration and training to the satisfaction of JNKVV authorities. Payment to tenderer will made after deducting tax at source and for which necessary certificate will be issued. As per rule Madhya Pradesh Vanijyik Kar (GST) Entry Tax shall be deducted at source wherever applicable.

21. All taxes including Entry Tax, Octroi etc. will be borne by the tenderer/ supplier.

22. Please quote maximum discounted price, as no further negotiations will be made.

23. **Submission of Tender:**

The **Technical and Financial Bid/ documents** should be **kept** in envelope superscribing “**Tender for Items No.....and Name of Item.....**”

due on **12.02.2019**.

Sealed envelope will be opened in the presence of committee and representatives and committee members.

**Tender** should contain the following documents:

**TECHNICAL BID (separate Envelop A) should contain the following documents in original**

1. **Covering letter** of the participating firm.
2. **Certificate for acceptance** of terms and conditions of tender on firm's letterhead in original.
3. **Check list** properly filled-in (Annexure-I).
4. Original equipment manufacturer (OEM) certificate or **authorized dealership/ distributorship certificate** as applicable original only directly from manufacturer. **Third party authorization will not be accepted and offer rejected**.
5. **Detailed technical write-up in original** highlighting the model Name/ Number features of the equipment offered and/ or Technical literature/ manuals.

6. **Company profile** along with detailed printed literature in original of each item or subitem quoted in the tender.
7. **Compliance Certificate.** Certificate of clause by clause compliance of specifications as mentioned in tender.
8. Client list/ **List of users** - List of Institutes/ Organizations where same minimum one such work has been executed. Copy of the work order & completion certificate duly signed by the competent authority of the institute be enclosed with contact numbers of users.
9. **Last 3 (three) years income tax return**
10. **Sales turnover** of last three years with supporting documents
11. **PAN No.** of the firm with supporting document
12. **GSTIN No.** of the firm with supporting document
13. **Firms/ Business Registration** documents/ Copy of valid Registration Certificate under State/ Central/ Commercial Sales Act.
14. **Original EMD in prescribed form** (or exemption proof, if exempted).
15. **Original Tender Document Cost in prescribed form**
16. Manufacturing firm valid ISO Certificate with period validity
17. Undertaking letter from firm for never being black listed by any Govt./Quasi Government firms in India and no case is pending at present against the firm. This should also be made clear in the tender as a preliminary undertaking.
18. Warranty certificate for required duration as given in tender document
19. Any other item(s) specified in above terms & conditions.

**FINANCIAL BID (separate Envelop B) should contain the following document in original**

1. Financial Bid in prescribed FORMAT only.

**Both Envelopes A and B should kept in third Envelope C for individual items.**

24. The offer must mention make, model all the specifications of the item clearly. The company must enclose original printed literature/catalogue/manufacturer's web-site showing detailed technical specifications required. A folder showing many instruments without detailed technical specification, or tailor made literature mentioning "yes" or "as per your specifications" for the specifications asked for, will not be considered.
25. Firm must provide a compliance statement vis-à-vis specifications in a "tabular form" clearly stating the compliance, supported by technical literature with clear reference. This statement must be signed, with the company seal, by the Tenderer for its authenticity and acceptance that any incorrect or ambiguous information found submitted will result in disqualification of the offer.
26. Any deviation, variation of non-compliance of the terms and conditions by the tenders shall be considered as a breach of contract and JNKVV, reserves the right to forfeit the amount of earnest money and/or security deposit in part or in full and take action as per legal arrangement. Tender which does not comply with any of the conditions is liable to rejection.
27. Any judiciary matter shall be in Judiciary of Jabalpur only.
28. Tender will not be considered if the firm does not supply a copy of the GSTIN & PAN allotted to it. PAN of the owner or any other persons will not be accepted.
29. The competent authority shall not be bound to accept any equipment supplied in excess of the quantity mentioned in supply order(s) and of other than the prescribed specifications.
30. In the event of any loss or any shortage in transit, the contract or shall be liable to make good such of the losses and shortages found on checking of the equipment(s) by the

consignee(s) from the date of receipt of intimation by the firm in this behalf. The decision of the competent authority in such cases as well as in its/their rejection shall be final, conclusive and binding on the firm.

31. If the firm fails to make supplies within the time specified in the supply order, or to make up the deficiency demanded or to replace the rejected equipment(s) and/or material(s) within the prescribed time, the competent authority may at the cost and risk of the firm purchase said equipment(s) etc. from any other source after giving notice to the firm and recover from the firm any extra cost incurred in making such purchases above the contracted price or deduct the same from any sum payable to the firm or from his security and tender deposits.
32. If the firm fails to remove the rejected equipment(s) etc. the competent authority shall return them at the firm's own cost and risk to his last known address and deduct the expenses incurred thereon from any of the sums payable to the firm or from his security and tender deposits. The competent authority shall not be liable for any deficiency in or damage to the rejected equipment(s) occasioned or occurring while they remain in or under his possession or control or in transit.
33. Prices shall remain unchanged during the contract period or 6 months from the date of commencement of agreement. The rate once approved by the Committee shall not be increased for any reason or under any circumstances such as variation of exchange rates or increase in cost of product or increase in transportation etc. Supplier will be bound to supply on the same rates as quoted in the tender. No claim will be entertained for revision to a higher quantity slab, higher production/ clearance slab of excise levy although payable by the manufacturer. The Director, Biotechnology Centre, Jabalpur may accept revision in price, only in the event of any revision to the basic rate of excise duty, as applicable on the date of agreement, effected by the Govt. of India. A certificate regarding deposit of enhanced excise levy shall have to be furnished by the manufacturer/ supplier.
34. Installation and trial run should be carried out at the supplier's risk.
35. The manufacturing firm shall have presently valid ISO Certificate.
36. The supplier shall also undertake that the firm never being black listed by any Govt./ Quasi Government firm in India. This should also be made clear in the tender as a preliminary undertaking. The affidavit should be duly notarized on Rs. 100/- non judicial stamp.
37. During the erection/commissioning or performance during warranty period, if the equipment supplied is found defective, improper or not as per the specification or of inferior quality or is not otherwise in accordance with the contract, then Director, Biotechnology Centre, Jabalpur shall intimate this fact in writing to the supplier for rectification/replacement of such defective equipment at their own cost to the entire satisfaction of the Director, Biotechnology Centre, Jabalpur. In the event of their failure to do so as above, Director, Biotechnology Centre, Jabalpur reserves the right to carry out such repair works at the risk and cost of defaulted supplier.
38. J.N. Krishi Vishwa Vidyalaya reserves the right to accept or reject any or all offers in full or in part without assigning any reason(s) therefore. It also reserves the right to place and order wholly or in part with one or more than one firm as they may be convenient to JNKVV.
39. The purchase will depend on availability of funds.
40. The tenderers shall have to give an undertaking that the terms and conditions as mentioned above in this tender are acceptable to the tenderers (in Annexure I).

**Director**  
**Biotechnology Centre**  
**JNKVV, Jabalpur**



## Annexure I

### BIOTECHNOLOGY CENTRE

JAWAHARLAL NEHRU KRISHI VISHWA VIDYALAYA, JABALPUR – 482 004 (M.P.)

#### SUPPLEMENT/ CHECK-LIST TO BE PROVIDED WITH TECHNICAL BID

Tender No.: IPRO/BTC/2018-19/114

Date: 29.01.2019

ITEM No. \_\_\_\_\_ NAME \_\_\_\_\_

Sl.No.	Information required	Proposed
1.	Make of main item	
2.	Model of main item	
3.	Name of manufacturer of Main Item	
4.	Country of origin of main item	
5.	Make and model of sub item I (if any)	
6.	Make and model of sub-item II (if any)	
7.	Make and model of sub-item III (if any)	
8.	Delivery within (days)	
9.	Payment terms	
10.	Order to be placed on	
11.	Guarantee/Warranty	
12.	Installation Charges (if any)	
13.	Validity (at least 180 days)	
14.	Delivery charges (if any)	
15.	Insurance charges (if any)	
16.	Training charges (if any)	
17.	FOR: JNKVV, Jabalpur	
18.	List of current users (Attach, if any)	
19.	Certification of satisfactory working of the equipment (Attach)	

20.	Company Standard Certification (ISO, etc.)	
21.	Compliance of equipment with current directives of ISI / CE / EEC / US / EU or equivalent standards	
22.	Whether manufacturer/ authorized distributor/ dealer/ agent? (Attach certificate)	
23.	Technical literature in original attached	
24.	Earnest money attached with bid (DD No., Bankers name, date etc.)	
25.	Situations of Authorized service centres/ service personals etc.	
26.	Relevant documents such as ITCC, ST registration shop Act. establishment certificate, factory registration etc. (Enlist)	
27.	GSTIN and PAN allotted (Attach copy)	
28.	Signed and sealed on each page	
29.	Manufacturer Certificate/ Authorised Dealership Certificate from manufacturer only. Third party certificate will not be accepted	
30.	List of Users - institutes/ organizations, where same items installed/ supplied	
31.	Warranty - 3 years	
32.	Last 3 years IT Return	
33.	Last 3 years Sales Turnover	
34.	Certificate for not being black listed by any organization	
35.	Any other relevant information	

### **DECLARATION**

The terms and conditions as mentioned in the tender are acceptable to us.

**Signature of tenderer**

## Annexure II

# BIOTECHNOLOGY CENTRE

JAWAHARLAL NEHRU KRISHI VISHWA VIDYALAYA, JABALPUR – 482 004 (M.P.)

Tender No.: IPRO/BTC/2018-19/114

Date: 29.01.2019

### Tender Items and Specifications

(Submit offers separately for each Item 1 – 12)

Sl. No.	Item 1	Tender Cost (Rs.)	EMD (Rs.)
1.	<p><b>Liquid Nitrogen Containers (10 Nos)</b></p> <p><b>(A) Capacity 7-8L, (2 Nos)</b> Static evaporation loss rate &lt; 0.135L/day; static holding time at least 58 days</p> <p><b>(B) Capacity 10-12L, (6 Nos)</b> Static evaporation loss rate &lt; 0.140L/day; static holding time at least 83 days</p> <p><b>(C) Capacity 20-25L, (2 Nos)</b> Static evaporation loss rate &lt;0.118L/day; static holding time at least 174 days</p> <p><b>Features:</b> Strong, lightweight aluminum construction High thermal efficiency with international safety norms supported with certificate</p>	500/-	10,000/-

## Specifications of Item to be purchased under Limited Tender

### Item 2: Air Conditioners (02 Nos)

S.N.	SPECIFICATIONS	Split Air Conditioner	Tender Cost (Rs.)	EMD (Rs.)
1.	Nominal Cooling Capacity (Ton)	2.0	500/-	1500/-
2.	Type of Air Conditioner	Wall mounted Split AC		
3.	Compressor	Rotary type		
4.	Noise Level	Indoor <50 DB Outdoor <57DB		
<b>Essential accessories:</b>				
5.	4KVA stabilizer Input Voltage 130VAC-300VAC, Electrical supply-230V, 50 Hz, 1 Phase			
6.	Copper Pipe For Installation and Commissioning			
7.	Copper base Compressor			
<b>Features:</b>				
8.	BEE Star Rating 3 or more			
9.	Indian Standard ISI			
10.	Auto-restart, remote control			

## Specifications of Items to be purchased under Limited Tender

### Item 3: Electrophoresis Apparatus (02 Nos)

SN	Features	Tender Cost (Rs.)	EMD (Rs.)
	<ul style="list-style-type: none"><li>Ñ Winged gel trays for easy handling;</li><li>Ñ Unit made from sturdy UV transparent acrylic;</li><li>Ñ safety cover and power leads</li><li>Ñ Continuously adjustable Gel Caster; Platinum electrodes.</li></ul>	<b>500/-</b>	<b>2000/-</b>
<b>Specifications</b>			
1	Easy to use Continuously Adjustable Caster adaptable to gel tray		
2	With 3 different length winged gels trays: 15x7, 15x10, 15x15		
3	Cell size (WxLxH): Approx. 17x26x7.5cm		
4	2 Nos. adjustable height polycarbonate (Thickness of Teeth 0.75mm Number of teeth 15 and 20, each)		
5	Warranty: 3 Year		

## Specifications of Items to be purchased under Limited Tender

### Item 4: Water Bath (65<sup>0</sup>C) (02 Nos)

S. No.	Specification	Remarks	Tender Cost (Rs.)	EMD (Rs.)
1	Tank	High grade SS tank	<b>500/-</b>	<b>3000/-</b>
2	Temperature control	Digital PID control		
3	Capacity	20-25 Liter		
4	Temperature range	Ambient +5°C to 99°C		
5	Temperature accuracy	+/- 0.5°C		
6	Heater Power	1000-2000W		
7	Timer	0.1 Hour to 99.9 Hours & continuous		
8	Power Supply	230V, 50 Hz		
9	Warranty	3 years		
10	Automatic cutoff in case of over temperature	To be provided		

## Specifications of Item to be purchased under Limited Tender

### Item 5: Water Bath (45<sup>0</sup>C) (02 Nos)

S. No.	Specification	Remarks	Tender Cost (Rs.)	EMD (Rs.)
1	Tank	High grade SS tank	<b>500/-</b>	<b>2000/-</b>
2	Temperature control	Digital PID control		
3	Capacity	10-15 liter		
4	Temperature range	Ambient +5°C to 99°C		
5	Temperature stability	+/- 0.5°C		
6	Heater Power	1000-2000W		
7	Timer	0.1 Hour to 99.9 Hours & continuous		
8	Power Supply	230V, 50 Hz		
9	Warranty	3 years		
10	Automatic cutoff in case of over temperature	To be provided		

## Specifications of Item to be purchased under Limited Tender

### Item 6: Hot air oven (03 Nos.)

S. No.	Specification	Remarks	Tender Cost (Rs.)	EMD (Rs.)
1	<ul style="list-style-type: none"><li>Ñ Corrosive resistant material throughout the body</li><li>Ñ Double Walled make with stainless steel inner and outer chamber with stainless steel wire mesh shelves (min 2 shelves)</li><li>Ñ Indicators of Auto-mode, Sensor failure, Alarm &amp; Heating</li><li>Ñ Minimal heating time</li><li>Ñ Uniform temperature throughout the chamber</li></ul>		<b>500/-</b>	<b>6000/-</b>
2	Timer	Fully Automatic with automatic inbuilt digital timer (LED / LCD)		
3	Temperature range	Ambient +5°C to 220°C		
4	Capacity	45-55 lit volume		
5	Accuracy	± 1°C		
6	Alarm	Alarms and indicators during overshoot or undershoot and in case the door is not properly shut		
7	Lock	Secured lock system		
8	Power Supply	230V, Single phase, 50 Hz, AC supply		
9	Warranty	3 years		



## Specifications of Item to be purchased under Limited Tender

### Item 7: Refrigerator (450L) (3 Nos.)

<b>SN</b>	<b>Required Specifications</b>	<b>Remarks</b>	<b>Tender Cost (Rs.)</b>	<b>EMD (Rs.)</b>
1.	Application	General Storage of Samples and Reagents	<b>500/-</b>	<b>4000/-</b>
2.	Capacity	450 liter		
3.	Temperature Rating	Rfgr: 0° to 8°C; Frzr: -6° to -20°C		
4.	Temp. control	Electronic Control / Display on Door		
5.	Insulation	Polyurethane Foam		
6.	Controller Type/ Controller Location	Mechanical / Inside, Top of Refrigerator		
7.	Interior Lamp	4X LED Lighting		
8.	Cooling Method/ Defrost	Auto Defrost		
9.	Compressor Mounting	Bottom Mounted		
10.	Safety glass shelves	Glass / 2		
11.	Star rating	≥3		
12.	Power Supply	230V, 50 Hz, AC		
13.	Warranty	3 years		

## Specifications of Item to be purchased under Limited Tender

### Item 8: Deep Freeze (-20<sup>0</sup>C) (04 Nos)

S. No.	Required Specifications	Remarks	Tender Cost (Rs.)	EMD (Rs.)
1.	Capacity	200-240 liter	<b>500/-</b>	<b>8000/-</b>
2.	Construction	Inner and outer chamber should be fabricated from SS		
3.	Temperature control	Microprocessor PID control Auto tune		
4.	Temperature	Operating temperature range of -18 <sup>0</sup> C to -22 <sup>0</sup> C		
5.	Construction of doors	Main and sub doors should be double walled with SS stainless steel interior lining with sub doors		
6.	Insulation	Polyurethane		
7.	Audio Alarm System	Present in case of high and low temperature, open doors and Power failure		
8.	Evaporator	Made up of copper coil with fins for generating cooling in working area		
9.	Defrost type	Auto defrost		
10.	Lock	Available for safety		
11.	Power Supply	230V, 50 Hz, AC		
12.	Warranty	3 years		

## Specifications of Item to be purchased under Limited Tender

### Item 9: pH Meter (04 Nos)

S.	Specifications	Tender Cost (Rs.)	EMD (Rs.)
1.	pH Range: 0-14	500/-	4000/-
2.	Resolution 0.01 pH		
3.	Relative Accuracy $\pm 0.02$		
4.	Calibration points: Minimum 3		
5.	Temperature range 10-50°C		
6.	Millivolt Range $\pm 1600.0$ mV		
7.	Resolution 0.1°C		
8.	Display: Digital		
9.	Power- 230V, 50 Hz, AC		
10.	Warranty 3 years		

## Specifications of Item to be purchased under Limited Tender

### Item 10: Ice Flicker along with voltage stabilizer (02 Nos)

Sl.	Specifications	Tender Cost (Rs.)	EMD (Rs.)
1.	Capacity: 50 kg/day (24 hours)	500/-	6000/-
2.	Crusher assembly: made of brass and stainless steel driven by heavy duty induction motor		
3.	Compressor: Hermetically sealed		
4.	Refrigerant: CFC Free/ R22A/ R404A		
5.	Plain tap water connection		
6.	Automatic cut off when the collecting bin is full		
7.	Stainless Steel collecting bin is fully insulated with PUF which prevents ice flecks from melting		
8.	Power supply: Safety features overloading protection/ water shortage auto detection		
9.	Power- 230V, 50 Hz, AC		
10.	Warranty 3 years		

## Specifications of Item to be purchased under Limited Tender

### Item 11: UPS, 5KVA (04 Nos)

<b>SN</b>	<b>Features</b>	<b>Specification required</b>	<b>Tender Cost (Rs.)</b>	<b>EMD (Rs.)</b>
1.	Online UPS 5 KVA	60 Minutes backup	<b>500/-</b>	<b>8000/-</b>
2.	Voltage Range	150 to 300 VAC		
3.	Frequency	50 Hz		
4.	Output Voltage	220-230V		
5.	Power factor	0.8 or better		
6.	Inverter Efficiency	>92%		
7.	Protection	(i) Overload/short circuit protection at the output of UPS. (ii) Prevent overheating and transfer the load to bypass line.		
8.	Operating temperature	10 to 40 °C		
9.	Battery	Maintenance free		
10.	Warranty	3 year		

## Specifications of Item to be purchased under Limited Tender

### Item 12: Micro Pipette Set (04)

Sl.No.	Required Specifications	Tender Cost (Rs.)	EMD (Rs.)
1.	Set consists of one digital micropipette each: (a) Single channel 0.2-2 µl variable (b) Single channel 1-10 µl variable (c) Single channel 10-100 µl variable (d) Single channel 20-200 µl variable (e) Single channel 100-1000 µl variable	500/-	4000/-
2.	Made of anodized aluminum or SS		
3.	Non plastic components		
4.	Autoclavable		
5.	No gear jamming		
6.	Air-vent Technology		
7.	Calibration ease		
8.	Quantity - Total 4 Sets		

**Director**  
**Biotechnology Centre**  
**JNKVV, Jabalpur**

**FINANCIAL BID DOCUMENT**

(Kept in separate envelope, marked B and sealed)

**BIOTECHNOLOGY CENTRE**

JAWAHARLAL NEHRU KRISHI VISHWA VIDYALAYA, JABALPUR – 482 004 (M.P.)

**FINANCIAL BID FORM**

**(separate for each item and should be submitted separately)**

Tender No.: IPRO/BTC/2018-19/114

Dated: 29.01.2019

S. No. of Item	Name of the Item	Make of Item	Model of Item	Basic Cost (Rs.)	Taxes (Rs.)	Any other Charges (Rs.)	Total Cost (Rs.)
		1	2	3	4	5	(3+4+5)
1.							

Date.....

Place.....

Authorized Signatory with Seal

**FORM OF CONTRACT (Notorized on Rs. 100=00 stamp paper)**  
**(To be submitted by the firm to whom final order for supply will be given)**

I/We ..... hereby declare that I/We under the contract to supply the laboratory Equipments shall abide by all the terms mentioned in the Tender Form and conditions of contract laid hereunder:-

**Conditions of Contract**

1. This contract is for the period from ..... to ..... or maximum 6 months from the date of commencement of agreement for supply of articles mentioned. Director, Biotechnology Centre, JNKVV, Jabalpur will have power to extend the period of agreement.
2. This agreement is made this ..... day of .....between the Director, Biotechnology Centre, JNKVV, Jabalpur (hereinafter called the Competent Authority which expression shall where the context so admits include his successor in the office) of the one part and M/s ..... (here in after called the "Firm" which expression shall where the context so admits includes his heirs and successors) of the other part.
3. Whereas the Competent Authority has accepted the offer of the Firm made in their tender Offer No..... for supplying the equipments(s) as per specification(s) and at the price mentioned in the schedule attached thereto and forming part of this contract, and has decided to entrust to the firm the work of supplying the aforesaid equipments(s) not later than ..... as per supply order from the competent authority as per specifications and price subject to the terms and conditions here in after appearing;

And whereas, the firm has agreed to supply the said equipments(s) to the competent authority subject to the said terms and conditions.

Not therefore this Agreement witnesses and is hereby agreed to as follows:-

3. (a) Security Deposit.-(a) The successful tenderer (hereinafter called the firm, which expression shall include, where the context so admits, his heirs, executors and successors) shall, within two week of the receipt by him of the intimation in writing that his tender has been accepted in part or whole, deposit with the Director, Biotechnology Centre, JNKVV, Jabalpur (hereinafter called the competent authority, which expression shall, where the context so admits, include his successors in office), as security for the due performance of the contract, a sum, amounting EMD payable under this contract for the articles agreed to be purchased less the amount of Rs..... already deposited with the tender as Tender Deposit provided such guarantee normally covers a period of 36 months from the date of commencement of contract i. e. the date which the Firm signs the Agreement. It is further provided that for any breach, non-fulfilment or non-performance of the Agreement during the period of contract, the Competent Authority shall have power to take action to enforce performance of the Agreement.
- (b) In the event of deficiency in the value of the security deposit as a result of forfeiture, or for any other reasons, the firm shall within seven days of receipt by him of a notice in that behalf, make up the deficiency.
4. Supply- The Firm shall complete the supply of the equipments(s) within stipulated time after receipt of supply order from the Director, Biotechnology Centre, JNKVV, Jabalpur as per specification(s).
5. I/We hereby declare that I/We have not been black listed or debarred as supplier by any Government Agency, Semi- Government Organisation or Public Sector Undertaking.
6. The firm shall bear the stamp duty to which the agreement be liable.
7. In witnesses whereof the parties where to have signed this Agreement on the day and year respectively mentioned against the signatures.

Dated the ..... . Witnesses :-

1. Signature of Firm with Seal

Stamp worthRs.100/=

Signature of the competent authority