

**OFFICE OF THE DIRECTOR, BIOTECHNOLOGY CENTRE  
JAWAHARLAL NEHRU KRISHI VISHWA VIDYALAYA (JNKVV),  
JABALPUR 482004, M.P.**

**E-TENDER NOTICE FOR THE PURCHASE OF LABORATORY EQUIPMENT**

(IPRO/BTC/2017-18/72 dt 18.12.2017)

Following laboratory equipment is to be procured at Biotechnology Centre, JNKVV, Jabalpur. This procurement will be carried out through the e-procurement system of [www.mpeproc.gov.in](http://www.mpeproc.gov.in). On-line bids, under Open Tender Enquiry, following the two bid system are invited for supply of this equipment. Tender documents with specifications can be purchased from this site by paying the stipulated cost in the account of the Director, Biotechnology Centre #200302000100052.

Sl.No.	Name of the Equipment	Document Cost	EMD
<b>5<sup>th</sup> Call</b>			
1.	Microarray	₹ 5,000	₹ 2,00,000

Please read and follow the instructions carefully to avoid the rejection of the tender. You may also send your representatives, duly authorized in writing, to attend the Technical Evaluation and clarification regarding bids which is scheduled at 10:30AM on 8<sup>th</sup> January, 2018.

**Director**

**BIOTECHNOLOGY CENTRE**  
**JAWAHARLAL NEHRU KRISHI VISHWA VIDYALAYA, JABALPUR**  
E-Tender Document

**CRITICAL DATES:**

Sl. No.	Conference Hall, Biotechnology Centre JNKVV, Jabalpur	Bidder's Stage	Start		Expiry		Envelopes
1.	-	Purchase of Tender - Online	20.12.2018	10:30 am	28.01.2018	11:55 pm	-
2.	-	Pre bid Presentation	08.01.2018	10:30 am	-	-	-
3.	-	Uploading of revised technical specifications	11.01.2018	-	-	-	-
4.	-	Bid Submission -Online	-	-	29.01.2018	11:55 pm	Cover-I&II
5.	<b>Mandatory Submission To Director, Biotechnology Centre, JNKVV, Jabalpur</b>	-	-	-	08.02.2018	2:30 pm	Cover-I
6.	<b>Technical Bid Open (Cover-I)</b>	-	-	-	08.02.2018	3:00 pm	Cover-I
7.	<b>Financial Bid Open</b>	-	15.02.2018	3:30 pm	-	-	Online

**DEPOSITING THE BIDS:**

The bids will be submitted through on-line mode of [www.mpeproc.gov.in](http://www.mpeproc.gov.in). However, certain documents would be required to be submitted physically to our office. Details are as follows:

**(A) On-line Submission:**

(i) Cover-I: will contain the Technical Bids with the following documents:

- (a) Detailed technical write-up highlighting the make and model Name/Number, features of the equipment offered and/or Technical literature/manuals.
- (b) Certificate for acceptance of terms and conditions of tender enquiry on firms letterhead.
- (d) Original equipment manufacturer (OEM) certificate or authorized dealership/distributorship / Channel Partner certificate as applicable (Point 1)
- (e) Last 3 (three) years income tax return.
- (f) Audited Balance Sheet of Last 3 (Three) years.
- (g) TIN number/PAN Number/Certificate.
- (h) Business Registration Certificate.
- (i) Scanned Copy of EMD (or exemption proof, if exempted) as shown against each item.

(j) Compliance Certificate. Certificate of clause by clause compliance of specifications as mentioned in tender (Point 17).

(ii) Cover- II: Commercial/Price bid packet will consist of Commercial/Price bid.

**(B) Physical Submission:**

Following documents to be submitted in hard copy physically in a sealed envelope so as to reach prior to bid submission closing date & time. The responsibility to ensure this lies with the Bidder. Please do not submit the hard copy of “Commercial/Price bid”.

- (a) All the documents submitted on-line in Cover I.
- (b) EMD as shown against each item (in original) or proof of exemption.
- (b) Tender fee receipt copy (as applicable).
- (c) Tender conditions Acceptance Certificate in form of downloaded Tender documents duly stamped and signed (other than price bid).
- (d) Client list/ List of users on manufacturers’ letterhead duly stamped and signed.
- (e) Guarantee/warranty on manufacturers’ letterhead (Point 8).

**GENERAL TERMS AND CONDITIONS:**

- 1.\* Only the manufactures and/or their authorized dealer/distributors/sole agents/Channel Partners need to submit their tender. The authorized firms should furnish a certificate from the manufacturer **in original** with the physical bid otherwise the offer will not be considered.
- 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 only the first option will be considered.
- 3.\* It is mandatory to provide all the relevant information in **Annexure I**.
- 4. Broad-based specifications of equipment/items/systems/works etc. are given in **Annexure II** of purchased tender. The tender should also take note of the remarks, if any, given there in.
- 5.
  - a. Last date for submission of e-Tender is 29.01.2018 up to 11:55PM on www.mpeproc.gov.in.
  - b. Tender (Technical bid) must be submitted in sealed cover to the Director, Biotechnology Centre, JNKVV, Jabalpur 482004 by Post, Courier or delivered personally so as to reach on or before 8.02.2018 2:30 PM.
  - c. Belated tender due to postal or any other delay will be rejected.
  - d. The tender for each item should be sent separately. The duly sealed envelope should super scribe
  - e. TENDER FOR THE ITEM №1 MICROARRAY DUE ON 29.01.2018.
  - f. If offers for more than one item are clubbed together, tender will be rejected.
  - g. The tender offers should have a validity of 180 days or more from the due date. The tenders will be valid for 6 months from the date of opening.
  - h. Price bid will be opened online at www.mpeproc.gov.in on 15-02-2018 from 3.30PM to 5.00PM.
  - i. JawaharlalNehruKrishiVishwavidyalaya (JNKVV) reserves the right to extend the submission due date and/or the date of opening of the tenders.

- j. All the leaflets in the offer should be marked with signature and seal of authorized person on all the leaflets.
6. a. The rates quoted should preferably in Indian Rupees (₹) for a **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 FOR, JNKVV, Jabalpur.
  - b. Excise duty/sales tax/VAT/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.
  - c. The institute will provide the custom duty exemption certificate if necessary for the imported instrument.
  - d. Any other charges, such as technical service charges, cost of training, installation charges, TA/DA of tender's staff etc. if any, should be shown separately for each item and each sub-item and the total price of each item should be worked out incorporating the same.
7. All losses during transit will have to be made good by the tenderers at his cost within a period of 15 days.
  8. The tenderers must provide guarantee/warranty on **manufacturers' letterhead in original** of the equipment/system and free service including free replacement of parts for a period of at least **3 years** from the successful and satisfactory installation of the equipment/system. Otherwise the offer will not be considered.
  9. **Performance Guarantee:** The Successful bidder/supplier will be required to furnish a Performance Guarantee in the form of FDR from a public sector bank or a private sector bank authorized to conduct government business (ICICI Bank Ltd., Axis Bank Ltd or HDFC Bank Ltd.) for a sum equal to **5%** of the Supply Order value within 30 days of signing of this Supply Order. Performance Bank Guarantee should be valid up to 60 days beyond the date of warranty.
  10. Offer of must be accompanied by **Earnest Money** as stated against each item in the form of FDR from a Nationalized Bank jointly in favour of "Director, Biotechnology Centre, JNKVV, Jabalpur" and the bidder. Without the earnest money in the above form, the offers will be rejected.
  11. The standard terms and conditions of payment is in full only after the installation is affected to the satisfaction of JNKVV authorities. In specific cases, Letter of Credit (LC) may be opened in any of the Nationalized Bank.
  12. In case of equipment to be imported, import license NMI/CDE certificates, as applicable will be arranged by JNKVV, as per the Government procedures.
  13. Please quote maximum discounted price, as no further negotiations will be made.
  14. Complimentary items/gifts offered will not be given any preference and will not be taken into account for calculating the cost of the item.
  - 15.\* The offer must mention make, model all the specifications of the item clearly. The company must enclose 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. Specifications given in the offer must match to the website and/or printed technical literature otherwise the offers shall be rejected.

16. Technical specifications of the equipment / items have been very clearly formulated by the users/experts of the field as per the requirement of the work to be conducted. It will be sole discretion of the bidder whether to quote or not for an equipment with particular specifications.
- 17.\* Firm must provide a compliance statement vis-à-vis specifications in a following “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.

Name of Equipment:		
Technical Specification	Compliance (Y/N)	Deviation, If any

- 18.\* Offer must be accompanied with a comprehensive list of users on manufacturers’ letterhead, wherever possible bidders may also provide certificates for satisfactory working of the equipment from users of universities and institutions of repute.
19. a. If so desired by JNKVV, the bidders shall have to enter in to an agreement.
  - b. Any wrong information about item, any forged document and any deviation, variation of noncompliance of the terms and conditions by the tenderers 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 full and take action as per legal arrangement.
20. Each and every judiciary transaction shall be subjected to Jabalpur only.
- 21.\* Tender will not be considered if the firm does not supply a copy of the GST, TIN & PAN allotted to it. PAN of the owner or any other persons will not be accepted.
22. This tender is being issued with no financial commitment and the Buyer reserves the right to change or vary any part thereof at any stage. Buyer also reserves the right to withdraw the tender, should it become necessary at any stage.
23. JNKVV 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 it may be convenient to JNKVV.
- 24.\* The tenders shall have to give an undertaking that the terms and conditions as mentioned above of this tender are acceptable to the tenderers in form of downloaded Tender documents duly stamped and signed (other than price bid).
25. If firm wishes, they can send their representatives, duly authorized in writing, to attend the Technical Evaluation and clarification regarding bids which is scheduled at 10:30am on 8<sup>th</sup> January, 2018.

Date: 20-12-2017

Director  
Biotechnology Centre  
JNKVV, Jabalpur

**BIOTECHNOLOGY CENTRE, JNKVV, JABALPUR 482004****SUPPLEMENT / CHECK-LIST TO BE PROVIDED WITH TECHNICAL BID**

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

<b>S. No.</b>	<b>Information required</b>	<b>Proposed</b>
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.	Name, Make and model of sub item I (if any)	
6.	Name, Make and model of sub-itemII (if any)	
7.	Name, Make and model of sub-itemIII (if any)	
8.	Delivery within (days)	
9.	Rate of Excise duty (%) with surcharge, if applicable (item-wise if different ED is applicable)	
10.	Rate of VAT (%) leviable. If no, state basis and terms of the exemption.	
11.	Is Service Tax extra? If yes, rate of Service Tax leviable(%)	
12.	Is Custom Duty Exemption (CDE) required? If yes, Rate of Customs Duty (%) payable.	
13.	Any other Taxes / Duties / Octroi / Entry taxes etc. in %	
14.	Order to be placed on	
15.	Guarantee/Warrantee (3 years)	
16.	Validity (at least 180 days)	
17.	FOR: JNKVV, Jabalpur?	
18.	List of current users (Attach, if any)	
19.	Certification of satisfactory working of the	

	equipment (Attach, if any)	
20.	Compliance of equipment with current directives of ISI / CE / EEC / US / EU or equivalent standards	
21.	Whether manufacturer / authorized distributor/sole agent? (Attach original certificate)	
22.	Technical literature (Attach, if any)	
23.	Earnest money (EMD) attached in form of FDR (attach original)	
24.	Situations of Authorized service centers/ service personals etc. (Provide complete address)	
25.	Relevant documents such as ITCC, ST registration shop Act. establishment certificate, factory registration etc. (enlist and attach)	
26.	GST, TIN and PAN allotted (Attach a copy)	
27.	Any other relevant information	

**DECLARATION**

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

Authorized Signatory  
(Seal of the Firm)

**Specifications (revised after pre bid presentation)****Item No.1: Microarray (Fifth Call) EMD □ 2,00,000**

Microarray system should have chip / slide array technology or any other better technology; for all the major applications including Gene Expression analysis, mi RNA analysis, SNP analysis, Methylation array, Copy Number Variation array analysis, **System should have integrated barcode reader**, Chip-on-chip and bar coding in a wide species of plants; Technology provider should have catalog arrays available for various common crops like soybean rice, wheat, maize etc. for gene expression, miRNA and SNP genotyping (provide data sheet of arrays); Technology should be capable of barcoding in a wide species of plants with resolution of 3 micron or less; along with hybridization oven; Barcode scanner detection limit of **~0.01** chromophores / fluorophores per square micron or better; Ability to scan high density arrays; **system must offer two color scanning**, Autofocus with a minimum dynamic range of 16 bit with more than four orders of magnitude; **The system should have built-in multi omics software with pathway analysis** and variety of QC tools for verification and reliability of data and monitor multiple analyses up to pathway analysis for mentioned applications data analysis with licensed software for at least 5 years usage included in the cost; Microarray scanner manufacturer should be capable to support for integrating into free web based custom array designing software for customization of arrays; High throughput microarray scanner to scan multiple samples in one run with laser technology; Technology provider should have flexibility of customization of arrays for slide/chip with no extra costs; Arrays must be provided for gene expression, exon array, mi RNA array and SNP array studies for desired plant species especially soybean based on latest database; with consumables (reagents and kits) and array to run at least 48 samples (to be procured by the user any time within a year); **It should have ability to run multiple samples in a single slide/chip**. Desktop workstation data-system with >20" LCD monitor with Quad Core Intel Core i7 processor or better, front side bus/Operating System: Latest Windows Professional, 64-bit/Integrated Intel Graphics Media Accelerator X4500HD / 8GB(4x2Gb) DDR3 non-ECC RAM + 2 x 1TB SATA 7200 HDD, SATA DVD Writer, Integrated Intel Gigabyte Network Connection, ADD-ON Gigabit Ethernet; wireless keyboard and wireless optical scroll mouse; With suitable branded online UPS with 1h backup to support the entire system.

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