

NOTICE INVITING TENDER

The Basmati Export Development Foundation (BEDF), Society registered under Societies Registration Act 1861 has been founded by Agricultural & Processed Food Products Export Development Authority (APEDA), Ministry of Commerce; Government of India, invites tender from **original equipment manufacturer (OEM) and their authorized dealers** for Purchase of instruments like RT-PCR (Real Time PCR), Gel documentation system, Autoclave & -20°C Freezer for use in DNA lab BEDF, SVPUAT Campus, Modipuram, Meerut. The format for bid may be downloaded from the website: www.apeda.gov.in.

The proper filled bids on prescribed format in sealed envelope superscribed “Bid for Purchase of instruments like RT-PCR (Real Time PCR), Gel documentation system, Autoclave & -20°C Freezer” may be submitted on or before on **16th June 2026, 5.00 PM**.

**Joint Director
Basmati Export Development Foundation
(APEDA, Ministry of Commerce, Govt. of India)
Lab-cum-office complex, SVPUAT old Campus,
Near Modipuram metro station, Modipuram Meerut-250110 (UP)**

BID APPLICATION FORM

a)	Name of Company/ Firm/ Person	
b)	Address of Bidder	
c)	Email Id	
d)	Phone/ Mobile No	
e)	PAN No	
f)	GST No	
g)	Registration number	
h)	EMD details	

Note:-

- a) The bidders are advised to submit the bid well in advance to avoid any unforeseen difficulties during submission of tender.
- b) Conditional bids are not allowed and would be rejected summarily.
- c) Bids received after the deadline of submission of application will not be considered or opened under any circumstances. Bids received through email will also not be considered.
- d) No modification or substitution of the submitted bid shall be allowed. An applicant may withdraw his application after submission, provided that written notice of the withdrawal is received by BEDF before the end of the time for submission of applications. In case an applicant wants to resubmit his application, he shall submit a fresh application following all the applicable conditions by the stipulated date.

Signature of bidder

Seal of bidder

ANNEXURE - A

Terms and Conditions

A. Real Time PCR System

The system should be an automated & integrated system for both real-time PCR and post-PCR (end-point) analysis with following features:

1. The excitation source should be LED/Laser and the detection system should be simultaneous and scan-free for all wells CMOS detection.
2. The system should have temperature range of 4°C - 98°C to facilitate all qPCR applications.
3. The system should have peak block ramp rate for exceeding 5 to 6.5°C/second or more.
4. Capacity for 96-well plates, 0.2 ml block.
5. System should support reaction volume minimum of 10 –50 µL in 0.2ml tube and have minimum 5 / 6 color multiplexing without passive reference dye in a single reaction tube.
6. The system should have 6 excitation and emission filter sets to enable collection of up to 21 unique combinations of wavelengths during a single run for multiplexing on the 96-well block instrument. 6 x 6 filters for 21 combinations. New custom dyes can be calibrated with 10-min protocol.
7. The system should have preferably interactive Touch Screen LCD feature.
8. Fast-PCR in less than 30 minutes should be an integral feature of the system.
9. The instrument should have software that can analyze multiple perspectives in the Multiple Plots view, with side by side views of all data aspects including the amplification plots, standard curve, multicomponent data plots, and raw data. The system should give heat map of the amplification & analyzed data. Software should have PCR efficiency factor correction for gene quantification.
10. The system should come along with software to support applications including absolute quantitation, Relative quantitation, multiplex-PCR, melt curve analysis as well as GMO detection. The system should have software available freely on cloud for easy access.
11. The system should be completely open system to support all the Real Time PCR chemistry like TaqMan, SYBR Green, Simple & Hydrolysis Probes, and Molecular Beacons etc.
12. The system should be open system with flexibility to use micro well plates, individual tubes, and 8-tube strips.
13. System should be sensitive to detect even 1 copy and differences in target quantity as small as 1.5-fold in singleplex reactions, also should have 10 logs of linear dynamic range.
14. The system should allow pause function of a run in progress and during pause user can open or close the block and the system should provide cloud based secure storage of more than 50 GB, analyze, and share data.
15. Also provide TaqMan kit for GMO detection and SYBR Green mix

Warranty: Minimum 24 months from date of installation.

B. Gel Documentation system

The organization intends to procure a complete gel documentation system for routine molecular testing in DNA lab. The instrument is intended for high-throughput, reliable, and NABL-compatible documentation /testing in an accredited laboratory environment.

- Complete gel documentation system with imaging chamber and high-resolution digital camera.
- CCD or CMOS camera with minimum resolution of 12 megapixels.
- Transilluminator (UV or white light) with uniform illumination and adjustable intensity.
- Bright field and dark field imaging capability.
- Multi-wavelength detection support (UV, visible, infrared).
- Gel platform capacity: minimum 10 cm x 10 cm to accommodate standard and large gels.
- Compatible analysis software with quantification and densitometry tools.
- Image storage: minimum 500 GB internal storage or cloud integration.
- Export formats: TIFF, JPEG, PNG, PDF for compatibility with standard laboratory workflows.
- Warranty: Minimum 24 months from date of installation.
- Operating temperature: 15°C to 30°C, relative humidity: 30% to 80% (non-condensing).
- Power supply: 220V, 50 Hz (or adaptable to site requirements).
- USB/Network connectivity for data transfer and remote access.
- Dimensions and weight: Equipment must fit standard laboratory benches (provide specifications).

C. -20°C Freezer

Capacity 344 liters, temperature range -16°C to -25°C, Dimension 24x24x73 inches, transparent door, high temperature alarm, white colour, with pullout baskets/drawers and stabilizer.

D. Autoclave

- Core Technical Specifications.
- Operating Temperature: Typically for standard sterilization, with ranges from 121°C with standard ranges from 105°C to 135°C.
- Pressure: Operating pressure is usually 15 to 22 PSI with some units reaching 30+ PSI.
- Chamber Construction: Stainless steel (SUS304/SUS316) is standard to prevent corrosion.
- Capacity: Ranges 50-500 litre vertical/horizontal units.
- Cycle Control: Microprocessor-based, with pre-programmed cycles for instruments, liquids, and waste.
- Key Safety and Operational Features.
- Safety Interlocks: Automated lid locking prevents opening when the chamber is pressurized or too hot. Water Level Protection: Sensors detect low water levels to prevent dry heating.
- Pressure Relief: Safety valves are mandatory to release excess pressure.
- Power Requirements: 220-240V, 1/3-phase based on size.

Technical Bid Requirements

1. Deliverables

- Instrument with all necessary accessories and consumables.
- Installation, calibration, and commissioning at BEDF Lab.
- Operator training (minimum 8 hours).
- Technical documentation and user manuals.
- Post-installation support and maintenance during warranty period.

2. Selection Criteria

- Quotations will be evaluated based on.
- Equipment specifications and technical compliance.
- Price competitiveness.
- Supplier experience and track record.
- Quality assurance and certifications (ISO, CE marks).
- Warranty and post-purchase support services.
- Delivery timeline.

3. Quotation Requirements

- Detailed equipment specifications and technical datasheet.
- Itemized quotation (Equipment, Installation, Training, and Warranty).
- Delivery timeline and logistics details.
- Warranty terms and conditions.
- Payment terms (net 30/60 days recommended).
- Company profile, references, and certifications.
- Contact information and authorized representative details.

4. **Only the original equipment manufacturer (OEM) and their authorized dealers may participate in the bidding. Bidder must submit the authorization certificate with the technical bid.** Separate quotation is required for each instrument (item), rate of each item should be quoted in INR only including applicable Taxes.

5. Each item should be supplied with proper handling and packing.
6. Each and every page of the bid document must be signed and stamped by the bidder.
7. It may be specifically noted that escalation of rates will not be allowed after submission of quotation.
8. The supplier should hold valid GST Number. Scanned copy of its registration certificate should be submitted along with quotation.
9. Payment against Bill/invoice shall be released only after supply of the material. No interest will be payable on the delayed payment. Payment will be made directly to the suppliers through RTGS in their bank account after deduction of TDS, if any. No request for any other mode of payment will be entertained.

10. **Earnest Money Deposit (EMD):- The bid shall be accompanied with a demand draft of Rs. 20, 000/- as Earnest money in favor of “Basmati Export Development Foundation.”**
11. The EMD amount is refundable which will be refunded, after award of contract, to all the unsuccessful bidders. No interest will be paid to the firm on EMD amount to bidders. Exemption of EMD is allowed to the firm who is registered with NSIC/MSME.
12. In case of non-submission of application and Earnest Money (EMD) by any bidder shall result into outright rejected of their bid.
13. For the selected bidder, EMD amount shall be adjusted against the liability towards performance guarantee/ security. The performance guarantee shall be refunded at the time of the clearance of final dues to the agency. No interest will be paid on performance security to any bidder.
14. If any batch of item(s) supplied to any of the laboratories of the BEDF is found defective, under-performing or unsuitable in anyway, the bidder has to replace the items by an equal number/quantity with appropriate grade, free of charge and without undue delay, to the laboratory where the problem is observed.
15. Rates charges by the supplier should not exceed the prevailing rates charged by them from others for similar item(s). Any violation in this regard will be viewed seriously by the BEDF which besides deductions from bill shall entail cancellation of contract and bar on future dealings by the BEDF.
16. The contract is normally awarded to the lowest (for majority of the items in case of multitude items tender) evaluated bidder whose bid has been found to be responsive and conditions incorporated in the tender letter. BEDF reserves the right to reject or select one or more than one firm for award of contract for different items to ensure uninterrupted supplies.
17. BEDF reserves the right to withdraw the announcement, accept or reject any or all the bids at any time prior to award of contract/order, without assigning any reasons and without incurrance of any liability on BEDF. BEDF also reserves the right to negotiate the prices with the selected agencies to bring down the prices or add more facilities.

BEDF reserves the right to

- 1) Extend the deadline for the submission of applications/bid documents at its discretion.
- 2) Accept or reject any proposal at any time prior to award of contract/order, without assigning any reasons and without any liability on BEDF.
- 3) BEDF reserve the right to terminate the contract in part or full at any time without assigning any reason after a notice of 15 days’ time. The supplier will not be entitled to claim for any

compensation against such termination.

- 4) Suspend the project; cancel the contract with the selected party in part or in the whole at any time if in the opinion of the BEDF it is necessary or expedient in the public interest. The decision of the BEDF shall be final and binding in this regard. BEDF shall also not be responsible for any damage or loss caused or arisen out of aforesaid action.
- 5) Modify terms and conditions of the contract which shall be granted to the successful bidder after the bidding process, if in the opinion of the BEDF, it is necessary or expedient to do so in public interest or for proper implementation of the project. The decision of the BEDF shall be final and binding in this regard.
- 6) For interpretation of any clause of this document, the decision of BEDF would be final and binding on the bidder.
- 7) To cancel the tender at any time / stage or relax /amend /withdraw any of the terms and conditions contained in the Tender documents without assigning any reasons, thereof.

FORCE-MAJEURE:

If at any time, during the continuance of this contract, the performance in whole or in part, by either party, of any obligation under this is prevented or delayed, by reason of war, or hostility, acts of the public enemy, civic commotion, sabotage, Act of State or direction from Statutory Authority, Explosion, Epidemic, Pandemic, Quarantine restriction, Strikes and Lockouts (as are not limited to the establishments and facilities of the contractor), fire, floods, natural calamities for any act of GOD (hereinafter referred to as EVENT), provided notice of happenings of any such EVENT is given by the affected party to the other, within 15 Calendar days from the date of occurrence thereof, neither party shall, by reason of such event, be entitled to terminate the contract, nor shall either party have any such claims for damages against the other, in respect of such nonperformance or delay in performance provided the contract shall be resumed as soon as practicable, after such EVENT comes to an end or ceases to exist. The decision of the Chairman, BEDF/ APEDA as to whether the service may be so resumed (and the time frame within which the service may be resumed) or not, shall be final and conclusive, provided further that if the performance in whole or part of any obligation under this contract is prevented or delayed by reason of any such event for a period exceeding 30 days either party may, at his option terminate the contract.

Dispute Settlement

1. All matters of dispute arising out of this shall be governed by Indian law and subject to Court jurisdiction in New Delhi only.

Signature of bidder

Seal of bidder

2. In case of any dispute, both the parties shall make all efforts to resolve by way of conciliation process.
3. In the event of any doubt, question, dispute or difference arising under the agreement in connection therewith (except as to matters, the decision to which is specifically provided under this agreement) remains unresolved, the same shall be referred to sole arbitration to be appointed by the Chairman, APEDA in accordance with the Arbitration and Conciliation Act, 1996 and the decision given shall be binding on the parties.
4. The provisions of *INDIAN ARBITRATION & CONCILIATION ACT, 1996* (as amended from time to time) shall apply on both the parties. The venue of the arbitration proceeding shall be the office of APEDA, Delhi or such other place as the Chairman, APEDA may decide. Upon any and every reference as aforesaid, the assessment of costs and incidental expenses in the proceedings for the award shall be at the discretion of the Chairman, APEDA.
5. The fee payable to the Arbitrator shall be paid equally by both the parties. The language used in the arbitral proceedings shall be English.

INDEMNITY:

Agency shall indemnify, defend and hold BEDF and its officers/officials harmless against any and all proceedings, actions, losses, damages, expenses, costs and third party claims whatsoever whether financial or otherwise, including liability for payment of contributions dues to EPFO/ESIC/Govt. Departments/Local Bodies/Statutory Authorities etc. which BEDF may sustain, incur, suffer or be exposed to at any time during the subsistence of the Contract and subsequent thereto relating to the period of Contract, arising out of a breach by the Agency, its sub-contractors, sub-agents, employees, etc. of any of its obligations under the Contract.

CHECKLIST

The firms are required to upload the following documents to fulfill the technical evaluation criteria:

1. Copy of GST registration certificate
2. Copy of PAN
3. Copy of authorization certificate from OEM.
4. Copy of Demand Draft of EMD along with the Bid documents.
5. Each and every page of the bid document must be signed and stamped by the bidder.
6. Duly filled forwarding letter (On Letter Head of the firm/ bidder) as mentioned at **Annexure-B** and financial quotation (**Annexure C**).

ANNEXURE - B

(On letter Head of the firm/ bidder)

To

Dr. Ritesh Sharma
Joint Director
Basmati Export Development Foundation,
Lab-cum-office complex, SVPUAT old Campus,
Near Modipuram metro station, Modipuram Meerut-250110 (UP)

Sir

1. I/we intend to submit the bid and do hereby consent to agree/accept all the terms and conditions stipulated in Notice inviting Quotation having Ref. No. F. No. 01/BEDF-2022-23-00076/03 dated 26.05.2026 published by BEDF/ APEDA.

2. I/we declare that my/our firm is an authorized dealer/supplier of the manufacturer whose rates have been quoted by my firm and my/our firm has not been debarred to supply the quoted items by any Govt./Semi-Govt./PSUs/Autonomous Bodies during the last three years. The rate offered by me/us is for destination basis i.e. BEDF, SVPUAT old Campus, Near Modipuram metro station, Modipuram Meerut-250110 (UP).

3. I/we understand that documents are genuine/ authentic and no material has been concealed and that I/we are not debarred by any Government organization/autonomous bodies/PSUs etc. and competent to contract. I/we understand that the contract is liable to be cancelled, if found that the contract has been obtained through fraudulent means/concealment of information.

(Signature of Authorized Signatory)

Name of Bidder_____

Correspondence Address_____

Contact Details_____

Signature of bidder

Seal of bidder

ANNEXURE - C

Financial Quotations for instruments like RT-PCR (Real Time PCR), Gel documentation system, Autoclave & -20°C Freezer

S. No	Nomenclature	Make/ Company	Rate Per unit (Rs)	GST (Rs)	Total Amount per Unit including GST
1	RT-PCR (Real Time PCR)				

S. No	Nomenclature	Make/ Company	Rate Per unit (Rs)	GST (Rs)	Total Amount per Unit including GST
2	Gel documentation system				

S. No	Nomenclature	Make/ Company	Rate Per unit (Rs)	GST (Rs)	Total Amount per Unit including GST
3	Autoclave				

S. No	Nomenclature	Make/ Company	Rate Per unit (Rs)	GST (Rs)	Total Amount per Unit including GST
4	-20°C Freezer				

Signature of bidder

Seal of bidder