

TENDER SPECIFICATION OF BD BACTEC FX40 AUTOMATED BLOOD CULTURE SYSTEM**BNS UPASHAM**

1. **Name of Equipment:** BD BACTEC FX40 AUTOMATED BLOOD CULTURE SYSTEM.
2. **Purpose:** To be used in Pathology Department.
3. **Quantity:** 01 (One) complete set.
4. **Make /Model:** To be mentioned by the bidder.
5. **Brand:** To be mentioned by the bidder.
6. **Name of Manufacturer:** To be mentioned by the bidder.
7. **Country of Origin:** USA/ Canada/ UK/ EU/ Japan/ Australia/South Korea.
8. **Manufacturing Country:** USA/ Canada/ UK/ EU/ Japan/ Australia/South Korea.
9. **Port of shipment:** Country of origin and Country of shipment should be same. A certificate of origin must be provided with the product. In case of trans-shipment, respective supporting documents is a must and to be provided with the machine.
10. **Qualification of Bidders:** Tenderer/ Supplier should provide copies of previous work order, Contract paper or proof of supplying the medical equipment to any CMH/Tertiary level hospital/ specialized hospital/ any government hospital/ DGDP/ Naval Hospital amounting at least 70% of the proposed value in any fiscal year with the last 05 years.
11. **Year of Manufacture.** From 2023 or later.
12. **Source of Supply:** Bidders/Suppliers are to be mentioned the name, address and contact details of original source from where goods would be imported. Any software required for installation or proper operation of the equipment is to be provided with original CD.
13. **Price Quotations:** Price is to be quoted in local currency without import duty as follows:

Name of item	Qty	Unite Price	Total Price
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14. **Ambient Condition:** The BD BACTEC FX40 Automated Blood Culture System will be operated and maintained in the following ambient conditions:

a	Ambient air temperature	5°C - 45°C
b	Relative humidity	Up to 95%

15. **Scope of Supply:** 01 (One) complete set of BD BACTEC FX40 Automated Blood Culture System will have to be supplied with all attachments, accessories etc and complete in all respect for immediate operation.

16. **Technical features /facilities:**

Features/Facilities:

- a. Automated Blood Culture System is an automated blood culture instrument used for the growth, detection and identify of organisms present in blood samples besides which is capable to do sensitivity.
- b. It uses unique resin media, which neutralizes antimicrobials present in the blood allowing for faster recovery of organisms.

Technical Specification:

- a. Modular design to meet laboratory demands and provides flexible lab layout
- b. Resin media technology for recovery of organisms in presence of antibiotics
- c. Simple rapid vial activated workflow
- d. One-hand scan of sample bottles reduces loading time.

- e. Each unit holds up to 40 bottles, one unit annual volume of 2920 bottles or 4 sets per day.
- f. Blood Culture System features LIS interface ability and BD EPI Center Data Management connectivity.
- g. It should be fully automated, walk-away, continuous monitoring and random access system.
- h. System should be a separate standalone unit.
- i. System should have continuous agitation for optimized recovery of organisms.
- j. Detection principle should be based on sensitive Fluorescent Technology.
- k. System should be able to process minimum 20 fresh samples per day with international protocol.
- l. System should have minimum 80(40x2) sample positions.
- m. It should have more than 16 algorithms to monitor growth patterns in case of positive samples.
- n. Should have special resin based media for Antibiotic Neutralization for optimized recovery from various patients those are under treatment.
- o. System should have Auto QC facility to avoid any manual daily maintenance.
- p. Should have media for Pediatric samples and low volume sterile body fluid samples.
- q. Should have special media for optimal recovery of yeast, fungi and mycobacterium from Blood samples.
- r. Media should not have any masking effect for easier interpretation of Gram Staining of positive isolates.
- s. Should have special supplement for enhanced recovery of low volume sterile body fluid.
- t. System should be compatible with bi-directional interfacing with HIS (Hospital information System).

17. **Standard Accessories:** Must include all items and accessories with Brand, Model and Country of Origin including following which are required for installation and operation the **BD BACTEC FX40 Automated Blood Culture System** whether those are mentioned in the specification or not.

18. **Local Training:** The supplier will arrange following training at **BNS UPASHAM** free of cost:

- a. Operational Training: 02 x Operator for 01 week/as required.
- b. Repair/Maintenance Training: 02 x EM Tech (01x Navy & 01x Civ) for 01 week/as required.

19. **Publication:** Following brochure/catalogue in English language showing detailed particulars of the quoted items should supplied along with the offer.

- a. Operation manual – 03 copies (1 x Original & 2 x Photocopies).
- b. Repair/maintenance/service manual including detail circuit/schematic diagram-03 copies (1x Original & 2 Photocopies).
- c. Parts Catalogue/Master Parts list – 03 copies (1x Original & 2 Photocopies).

20. **Spare Parts:** Adequate number of fast moving spare parts and other recommended spare parts required for 07 years operation are to be quoted indicating item wise price from which buyer will select as per requirement. The supplier should provide guarantee for supplying spare parts for a minimum period of 07 years.

21. **After Sales Service:** The supplier should have requisite after sales service facilities at home to render necessary services as and when required by BN. Necessary agreement will be signed if required.



22. **Test, Trial and Acceptance:** The supplier will carry out installation, test and trial of the supplied machine at his own cost. The acceptance of the supplied items will be carried out by **BNS UPASHAM** where the supplier's representative will be present. After the satisfactory test/trial, with certificate the acceptance certificate will be given by **the Acceptance Committee of NSD Khulna**.

23. **Warranty/Guarantee:**

a. The supplier must ensure that all items are new and unused. The supplier must provide warranty at least for 02 (two) years from the date of acceptance of the item(s) after satisfactory inspection, test, trial etc as applicable. If any defect/discrepancy of any item arise within the period of warranty, the specific period from the date of notification of the defect/ discrepancy to the supplier upto the date of rectification of defect/resolve of discrepancy will have to be deducted from the warranty period for that particular item(s).

b. In warranty period the supplier will provide all accessories, maintenance and repair services. If any defect/discrepancy arises, within warranty period, then the respective item(s) is/are to be replaced free of cost including freight within 03 (three) months from the date of notification of the same to the supplier. In this regard, the supplier must furnish an undertaking with the offer by stating, "I do hereby assure that we take the liability to replace all spare parts/item(s) free of cost including freight within three months from the date of notification about the defect/discrepancy of the spare parts/item(s) by the buyer, if it occurs within the period of warranty".

c. The service should be provided within 7 days hours from the date of complaints lodged.

d. The equipment should run 98% days of a year in warranty period. Otherwise a compensation of a fixed amount service may be deducted from performance security.

e. After expiry period the supplier should be responsible for providing Supply of spare parts supply, update software and defect detection, Repair and maintenance of the equipment's as far contract agreement.

f. Warranty period will be counted from the date of acceptance committee of NSD Khulna.

g. In warranty period the supplier will provide all maintenance & repair services free of cost.

h. Breach time will not be considered in warranty period. The period for repair of replacement shall be : within 7 days. Otherwise breach time (if not repaired within 24 hours) will be added with warranty period.

j. At least 07 years backup services/ spare parts has to be ensured by the supplier.

k. The service should be provided immediately on demand without delay 7 days.

l. If bidder fails to honor warranty clause it will be liable to forfeiture of security deposit.

24. **Delivery:** The supplied items are to be delivered within 03 (three) months from the date of signing contract to **The OIC NSD Khulna**.

25. **Validity of Offer:** Up to 10 June 2025. Authority may cancel work order if supplier fails to supply in due date. Without sufficient cause if extension is required supplier should apply before 15 days showing acceptable causes.

26. **Certificate/Document of Authentication:** The supplier must provide following original certificate(s)/document(s) with the offer/quotation to ascertain the genuinely of source and item(s) in order to establish chain of links from the original source of supply items.

a. One certificate/document by the manufacture in favor the supplier (in case of manufacture as direct source

b. FDA/EC/CE/EU Certificate /JIS or any other authorized certificate must be submitted.

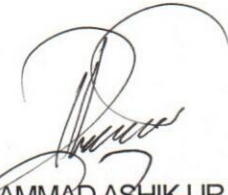
- c. Manufacturer Authorization Certification for the specific tender.
- d. Trained Bio Medical Engineer list with update CV.
- e. Must have Global Trade Item Numbers (GTINs) Manufacture Part Numbers (MPNs) with website links.
- f. Supply/Tenderer has to submit the authorization letter of the original manufacturer or importer's authentication certificate.

27. **Users List:** User List in Bangladesh with contract details along user's certificate of the quoted machine is to be provided along with the offer.

28. **Terms of Payment:** 100% payment will be made after satisfactory test, trial and acceptance by BN in local currency.

29. **Condition for Acceptance of Quotation:** Quotation has to have supporting documents (booklets, leaflet, catalogue, brochure etc) having detailed particulars of the offered **BD BACTEC FX40 Automated Blood Culture System**. The quotation will not be accepted If detailed information regarding specifications, maker's books and catalogue about the same model of the machine quoted, list of spare parts and accessories, etc are not provided.

30. **Compliance statement:** A compliance statement fulfilling all requirements of the tender is to be submitted for evaluation of the quotations, Stating mere 'Yes' or 'No' will not suffice and detailed description/ information's as required are to be given. An incompliance statement may attribute to cancellation of the offer. If any clause of this specification does not commensurate with the offered item, the deviation has to be spelt out clearly.

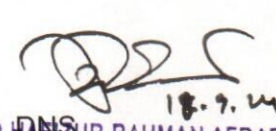

 MUHAMMAD ASHIK-UR-RAHMAN
 Lt Cdr BN
 ADMS (Navy)
 Member Secy
 Dt.

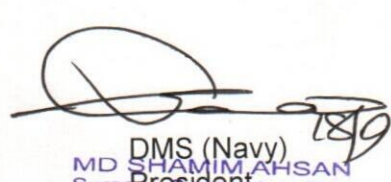

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