

**Bangladesh Breastfeeding Foundation (BBF)**  
**IPH Building, Ground Floor, Room (197-201), Mohakhali, Dhaka-1212.**

RFQ No: BBF/Procurement/2025/021

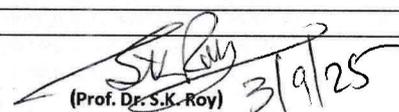
Date: 03/09/2025

**Request for Quotation**

1.	Ministry / division	N/A
2.	Agency	Bangladesh Breastfeeding Foundation (BBF)
3.	Procuring Entity Name	Chairperson, BOT, Bangladesh Breastfeeding Foundation, IPH Building, Ground Floor, Room: 197-201 Mohakhali, Dhaka.
4.	Procuring Entity District	Dhaka
5.	Invitation for	Procurement of 1. Recipe Book Printing, 2. Training Module (BFHI), 3. Folder, 4. Register Book, 5. CF Handout, 6. Leaflet, 7. Flip Chart, 8. Training Bag, 9. Breast Model (Training Demonstration Purpose), 10. Training Demonstration Doll, 11-(i) PVC Growth Chart, 11- (ii) Banner, 11- (iii)BFHI Policy PVC Poster, 11-(iv)PVC Banner (Benefits of Breastfeeding & Complementary Feeding), 11- (v)PVC Banner (Pledge / Promise BFHI), 11- (vi)PVC Banner (Benefits Steps), 11- (vii)PVC Banner (Benefits of BF & Hazards), 12. ID Card, 13.LMC Display Board, 14.ID Card (Art Card), 15. Nail Cutter, 16. Antibacterial Hand Soap Bar, 17. Stainless Steel Small Bowl (250 ml) for Complementary Feeding, 18. Spoon (Melamine) for Complementary Feeding, 19. Writing Pen, 20. Writing Pad, 21. Digital Maternal Weighing Scale, 22. Stadiometer, 23. Neonatal Digital Weighing Scale, 24. Infantometer, 25. Measuring Tape, 26. Pediatric Digital Weighing Scale, 27. Head Circumference Measuring Tape, 28. MUAC Tape, 29. WHO Growth Charts & Software, 30. Blood Collection Kits, 31. Laboratory Centrifuge Machine, 32. Digital Hemoglobinometer, 33. Laboratory Freezers (-20°C / -80°C), 34. Ice Boxes & Dry Ice Packs, 35. Breast Milk Collection Kits, 36. Sterile Sample Storage Tubes, 37. Transport Ice Boxes, 38. Serum Vacutainer Tubes (5 ml), 39. Barcode Labels / Stickers, 40. Photocopy Machine (Heavy-Duty, Multifunction, Metal Body), 41. Laptop Computer Systems, 42. Photocopier Machine. 43. Tablets & Smartphones.
6.	Invitation Ref No	BBF/Procurement/2025/021
7.	Date	03/09/2025
<b>KEY INFORMATION</b>		
8.	Procurement Method	Standard Request for Quotation Method (SRFQ)
<b>FUNDING INFORMATION</b>		
9.	Budget and Source of Funds	GoB
10.	Development Partner	N/A
<b>PARTICULAR INFORMATION</b>		
11.	Project / program code (if applicable)	N/A
12.	Project / program Name (if applicable)	N/A
13.	Tender Package No.	GR-43, Lot- 01 to 43
14.	Tender Package Name:	Procurement of 1. Recipe Book Printing, 2. Training Module (BFHI), 3. Folder, 4. Register Book, 5. CF Handout, 6. Leaflet, 7. Flip Chart, 8. Training Bag, 9. Breast Model (Training Demonstration Purpose), 10. Training Demonstration Doll, 11-(i) PVC Growth Chart, 11- (ii) Banner, 11- (iii)BFHI Policy PVC Poster, 11-(iv)PVC Banner (Benefits of Breastfeeding & Complementary Feeding), 11- (v)PVC Banner (Pledge / Promise BFHI), 11- (vi)PVC Banner (Benefits Steps), 11- (vii)PVC Banner (Benefits of BF & Hazards), 12. ID Card, 13.LMC Display Board, 14.ID Card (Art Card), 15. Nail Cutter, 16. Antibacterial Hand Soap Bar, 17. Stainless Steel Small Bowl (250 ml) for Complementary Feeding, 18. Spoon (Melamine) for Complementary Feeding, 19. Writing Pen, 20. Writing Pad, 21. Digital Maternal Weighing Scale, 22. Stadiometer, 23. Neonatal Digital Weighing Scale, 24. Infantometer, 25. Measuring Tape, 26. Pediatric Digital Weighing Scale, 27. Head Circumference Measuring Tape, 28. MUAC Tape, 29. WHO Growth Charts & Software, 30. Blood Collection Kits, 31. Laboratory Centrifuge Machine, 32. Digital Hemoglobinometer, 33. Laboratory Freezers (-20°C / -80°C), 34. Ice Boxes & Dry Ice Packs, 35. Breast Milk Collection Kits, 36. Sterile Sample Storage Tubes, 37. Transport Ice Boxes, 38. Serum Vacutainer Tubes (5 ml), 39. Barcode Labels / Stickers, 40. Photocopy Machine (Heavy-Duty, Multifunction, Metal Body), 41. Laptop Computer Systems, 42. Photocopier Machine, 43. Tablets & Smartphones.
15.	Tender Publication Date	03/09/2025
16.	Tender Last Distribution Date	08/09/2025
17.	Tender Submission Date & Time	09/09/2025, At 11:00 A.M.
18.	Tender Opening Date & Time	09/09/2025, At 12:00 P.M.
19.	Name & Address of the Office(s)	
	Issuing Tender document (Principal)	Chairperson, BOT, Bangladesh Breastfeeding Foundation, IPH Building, Ground Floor, Room: 197-201 Mohakhali, Dhaka.
	Issuing Tender document (Others)	Not applicable.
	Receiving Tender Document	Chairperson, BOT, Bangladesh Breastfeeding Foundation, IPH Building, Ground Floor, Room: 197-201 Mohakhali, Dhaka.
	Opening Tender Document	Director, Bangladesh Breastfeeding Foundation, IPH Building, Ground Floor, Room: 197-201 Mohakhali, Dhaka.
20.	Place/Date/Time of Pre-Tender Meeting (Optional)	Not applicable.

*S.K. Ray*  
3/9/25

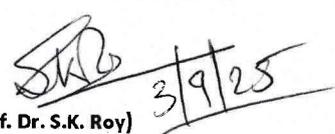
INFORMATION FOR TENDER						
21.	Eligibility of Tenderer		Tenderer/ Bidder who have to submit up-to-date copy of Trade License copy, VAT Registration Copy, TIN Certificate Copy and Bank Solvency Certificate Copy.			
22.	Brief Description of Goods or works		Procurement of 1. Recipe Book Printing, 2. Training Module (BFHI), 3. Folder, 4. Register Book, 5. CF Handout, 6. Leaflet, 7. Flip Chart, 8. Training Bag, 9. Breast Model (Training Demonstration Purpose), 10. Training Demonstration Doll, 11-(i) PVC Growth Chart, 11- (ii) Banner, 11- (iii)BFHI Policy PVC Poster, 11-(iv)PVC Banner (Benefits of Breastfeeding & Complementary Feeding), 11- (v)PVC Banner (Pledge / Promise BFHI), 11- (Vi)PVC Banner (Benefits Steps), 11- (Vii)PVC Banner (Benefits of BF & Hazards), 12. ID Card, 13.LMC Display Board, 14.ID Card (Art Card), 15. Nail Cutter, 16. Antibacterial Hand Soap Bar, 17. Stainless Steel Small Bowl (250 ml) for Complementary Feeding, 18. Spoon (Melamine) for Complementary Feeding, 19. Writing Pen, 20. Writing Pad, 21. Digital Maternal Weighing Scale, 22. Stadiometer, 23. Neonatal Digital Weighing Scale, 24. Infantometer, 25. Measuring Tape, 26. Pediatric Digital Weighing Scale, 27. Head Circumference Measuring Tape, 28. MUAC Tape, 29. WHO Growth Charts & Software, 30. Blood Collection Kits, 31. Laboratory Centrifuge Machine, 32. Digital Hemoglobinometer, 33. Laboratory Freezers (-20°C / -80°C), 34. Ice Boxes & Dry Ice Packs, 35. Breast Milk Collection Kits, 36. Sterile Sample Storage Tubes, 37. Transport Ice Boxes, 38. Serum Vacutainer Tubes (5 ml), 39. Barcode Labels / Stickers, 40. Photocopy Machine (Heavy-Duty, Multifunction, Metal Body), 41. Laptop Computer Systems, 42. Photocopier Machine, 43. Tablets & Smartphones.			
23.	Brief Description of Related Services		Not applicable.			
25.	Price of Tender document		Not applicable.			
26.	GR No.	Lot No.	Identification of Package	Location	Tender Security Amount (Tk)	Completion time In weeks/ Months
	GR-43	01-43	Procurement of 1. Recipe Book Printing, 2. Training Module (BFHI), 3. Folder, 4. Register Book, 5. CF Handout, 6. Leaflet, 7. Flip Chart, 8. Training Bag, 9. Breast Model (Training Demonstration Purpose), 10. Training Demonstration Doll, 11-(i) PVC Growth Chart, 11- (ii) Banner, 11- (iii)BFHI Policy PVC Poster, 11-(iv)PVC Banner (Benefits of Breastfeeding & Complementary Feeding), 11- (v)PVC Banner (Pledge / Promise BFHI), 11- (Vi)PVC Banner (Benefits Steps), 11- (Vii)PVC Banner (Benefits of BF & Hazards), 12. ID Card, 13.LMC Display Board, 14.ID Card (Art Card), 15. Nail Cutter, 16. Antibacterial Hand Soap Bar, 17. Stainless Steel Small Bowl (250 ml) for Complementary Feeding, 18. Spoon (Melamine) for Complementary Feeding, 19. Writing Pen, 20. Writing Pad, 21. Digital Maternal Weighing Scale, 22. Stadiometer, 23. Neonatal Digital Weighing Scale, 24. Infantometer, 25. Measuring Tape, 26. Pediatric Digital Weighing Scale, 27. Head Circumference Measuring Tape, 28. MUAC Tape, 29. WHO Growth Charts & Software, 30. Blood Collection Kits, 31. Laboratory Centrifuge Machine, 32. Digital Hemoglobinometer, 33. Laboratory Freezers (-20°C / -80°C), 34. Ice Boxes & Dry Ice Packs, 35. Breast Milk Collection Kits, 36. Sterile Sample Storage Tubes, 37. Transport Ice Boxes, 38. Serum Vacutainer Tubes (5 ml), 39. Barcode Labels / Stickers, 40. Photocopy Machine (Heavy-Duty, Multifunction, Metal Body), 41. Laptop Computer Systems, 42. Photocopier Machine, 43. Tablets & Smartphones.	Bangladesh Breastfeeding Foundation (BBF), IPH Building, Mohakhali, Dhaka.	Not applicable.	07 days
PROCURING ENTITY DETAILS						
27.	Name of the Official Inviting Tender		(Prof. Dr. S.K. Roy)			
28.	Designation of the official Inviting Tender		Chairperson, BOT			
29.	Address of the official Inviting Tender		Bangladesh Breastfeeding Foundation (BBF), IPH Building, Mohakhali, Dhaka.			
30.	Contact Details of the official Inviting Tender		Tel: 880-2-9860801			
31.	Special instructions		i) The procuring entity reserves the right to accept or reject all tenders.			

  
 (Prof. Dr. S.K. Roy)  
 Chairperson, BOT  
 Bangladesh Breastfeeding Foundation (BBF)  
 IPH Building, Mohakhali, Dhaka.  
 Date: 03/09/2025

RFQ No: BBF/Procurement/2025/021

**For Kind information & necessary action:**

1. Director General, Directorate General of Family Planning, 6 Kawran Bazar, Dhaka - 1215
2. Director General, Directorate General of Medical Education, Mohakhali, Dhaka - 1212
3. Notice Board.
4. Office File
5. M/S, .....

  
 (Prof. Dr. S.K. Roy)  
 Chairperson, BOT  
 Bangladesh Breastfeeding Foundation (BBF)  
 IPH Building, Mohakhali, Dhaka.

**Request for Quotations**  
**For the items to conduct training, programs and research of**  
**Bangladesh Breastfeeding Foundation (BBF)**  
**FY 2025-2026**

**1. Package-1: Recipe Book Printing**

**Technical Specifications for Recipe Book Printing**

<b>Item Name</b>	<b>Specifications</b>
<b>Title</b>	Recipe Book
<b>Finished Size</b>	8.5" × 11" (Portrait Orientation)
<b>Total Pages</b>	160 pages (including cover)
<b>Paper Quality (Inside Pages)</b>	120 GSM premium quality Art Paper, smooth finish, matt-coated, acid-free
<b>Paper Quality (Cover)</b>	300 GSM premium quality Art Card, imported or equivalent
<b>Printing (Cover)</b>	One side, 4-color offset printing (CMYK), high-resolution ≥ 300 DPI
<b>Printing (Inside Pages)</b>	Both sides, 4-color offset printing (CMYK), high-resolution ≥ 300 DPI
<b>Total Copies</b>	451 sets
<b>Printing Technology</b>	Latest offset printing technology, international standard color calibration
<b>Ink Type</b>	Environment-friendly, non-toxic, ISO-certified ink for food-related content
<b>Color Quality</b>	Accurate CMYK reproduction with 95% color consistency and sharp image quality
<b>Binding</b>	Perfect Glue Machine Binding (Hot-Melt EVA adhesive), spine reinforced for durability
<b>Cover Lamination</b>	Glossy Lamination (Anti-scratch), moisture-resistant
<b>Finishing Quality</b>	<ul style="list-style-type: none"><li>- Proper trimming with ±1 mm tolerance</li><li>- Sharp edges and clean cuts</li><li>- No smudges, wrinkles, or ink bleeding</li><li>- No paper curling or peeling</li></ul>
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Sample Submission</b>	One dummy sample of paper and print quality to be submitted before mass production

<b>Item Name</b>	<b>Specifications</b>
<b>Packaging</b>	Each 20 books to be shrink-wrapped, 5 bundles in strong carton box; cartons must be water-resistant and labeled with BBF logo, project name, quantity, and vendor name
<b>Delivery Deadline</b>	Within <b>15 working days</b> after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after completion of delivery and quality verification
<b>Quality Assurance</b>	BBF reserves the right to inspect the entire lot; defective or substandard books must be replaced at vendor's cost
<b>Warranty</b>	Vendor must guarantee no color fading, peeling, or glue detachment for at least 12 months under normal usage
<b>VAT &amp; Tax</b>	Deduction as per Government of Bangladesh rules
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- TIN, VAT/BIN Certificate</li> <li>- At least <b>3 years</b> of proven experience in similar high-quality offset printing</li> <li>- Samples of previous similar work to be submitted with quotation</li> </ul>

#### **Additional Key Quality Standards**

- **Resolution & Print Quality** → Minimum **300 DPI** (dots per inch).
- **Proofing Requirement** → Vendor must provide **digital color proof** and **hard copy proof** for approval before final printing.
- **Paper Source & Standard** → FSC-certified or equivalent international quality standard.
- **Ink Safety Compliance** → Must comply with ISO 2846-1 & ISO 12647-2 printing standards.
- **Packaging Strength** → Corrugated carton (5-ply minimum) with proper sealing.

## 2. Package-2

### Technical Specifications for Training Module (BFHI)

Item Name	Specifications
Title	Training Module (BFHI)
Finished Size	8.5" × 11" (Portrait Orientation)
Total Copies	20 sets
Total Pages	200 pages (including cover)
Paper Quality (Inside Pages)	120 GSM Matt Coated Art Paper, premium quality, smooth finish, acid-free
Paper Quality (Cover)	300 GSM Art Card, premium quality, imported or equivalent
Printing (Cover)	One side, 4-color offset printing (CMYK), high-resolution ≥ 300 DPI
Printing (Inside Pages)	Both sides, 4-color offset printing (CMYK), high-resolution ≥ 300 DPI
Printing Technology	High-quality offset printing with international color calibration standard
Ink Type	Environment-friendly, non-toxic, ISO-certified ink for education materials
Color Quality	Accurate CMYK reproduction with 95% color consistency and sharp image quality
Binding	Perfect Glue Machine Binding (Hot-Melt EVA Adhesive) with spine reinforcement
Cover Lamination	Glossy Lamination (Anti-scratch), water & moisture-resistant
Finishing Quality	<ul style="list-style-type: none"><li>- Proper trimming with ±1 mm tolerance</li><li>- No smudges, wrinkles, or ink bleeding</li><li>- No paper curling or peeling</li><li>- Sharp edges and clean cuts</li></ul>
Delivery Location	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
Sample Submission	One dummy sample of paper and print quality must be approved before mass production

<b>Item Name</b>	<b>Specifications</b>
<b>Packaging</b>	Each set shrink-wrapped individually, 5 sets per carton; cartons must be strong, water-resistant, and labeled with BBF logo, module name, vendor name, and quantity
<b>Delivery Deadline</b>	Within <b>20 working days</b> after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after delivery and quality verification
<b>Quality Assurance</b>	BBF reserves the right to inspect the entire lot; defective or substandard modules must be replaced at vendor's cost
<b>Warranty</b>	Vendor must guarantee no color fading, peeling, or glue detachment for at least 12 months under normal usage
<b>VAT &amp; Tax</b>	Deduction as per Government of Bangladesh rules
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum <b>3 years</b> experience in high-quality educational printing</li> <li>- Must submit samples of similar previous work</li> </ul>

#### **Additional Key Quality Standards**

- **Resolution & Print Quality** → Minimum **300 DPI** (dots per inch).
- **Proofing Requirement** → Vendor must submit **digital color proof** and **one hard proof** for approval before final printing.
- **Paper Source & Certification** → FSC-certified or equivalent international quality standard.
- **Ink Safety Compliance** → Must comply with ISO 2846-1 & ISO 12647-2 printing standards.
- **Packaging Strength** → Use **5-ply corrugated carton boxes** for extra durability during transportation.

### 3. Package-3

#### Technical Specifications for Folder

Item Name	Specifications
<b>Title</b>	BBF Branded Folder
<b>Finished Size</b>	12" × 9.5" (Landscape Orientation)
<b>Total Copies</b>	24 pieces
<b>Paper Quality</b>	300 GSM premium quality Art Card, imported or equivalent
<b>Printing (Cover)</b>	One side, 4-color offset printing (CMYK), high-resolution ≥ 300 DPI
<b>Printing Technology</b>	High-quality offset printing with international color calibration standard
<b>Ink Type</b>	Environment-friendly, non-toxic, ISO-certified ink
<b>Color Quality</b>	Accurate CMYK reproduction with 95% color consistency and sharp image quality
<b>Inside Design</b>	Two inner pockets with die-cut finishing; one pocket must include a business card slot
<b>Lamination</b>	Glossy Lamination (Anti-scratch, water-resistant)
<b>Finishing Quality</b>	<ul style="list-style-type: none"><li>- Precise trimming with ±1 mm tolerance</li><li>- No smudges, scratches, or ink bleeding</li><li>- Clean folding edges</li><li>- Pockets properly aligned and glued</li></ul>
<b>Folding &amp; Pockets</b>	Heavy-duty machine folding, secure pocket pasting, inner pocket depth minimum 3.5"
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Sample Submission</b>	One dummy folder sample must be approved before mass production
<b>Packaging</b>	Each folder individually poly-packed, 10 folders per carton; cartons must be strong, water-resistant, and labeled with BBF logo, vendor name, and quantity

<b>Item Name</b>	<b>Specifications</b>
<b>Delivery Deadline</b>	Within 12 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after delivery and quality verification
<b>Quality Assurance</b>	BBF reserves the right to inspect all items; defective or substandard folders must be replaced at vendor's cost
<b>Warranty</b>	Vendor must guarantee no peeling, fading, or glue detachment for at least 12 months under normal usage
<b>VAT &amp; Tax</b>	Deduction as per Government of Bangladesh rules
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience in high-quality corporate folder printing</li> <li>- Must submit samples of similar previous work</li> </ul>

#### **Additional Key Quality Standards**

- **Resolution & Print Quality → Minimum 300 DPI**
- **Proofing Requirement → Vendor must submit digital mock-up and one hard proof for approval**
- **Paper Source Certification → FSC-certified or equivalent premium-grade card stock**
- **Die-Cut Accuracy → Inner pocket and business card slot must be machine die-cut for uniformity**
- **Carton Packaging → Minimum 5-ply corrugated cartons to prevent damage during transport**

#### 4. Package-4

##### Technical Specifications for Register Book

<b>Item Name</b>	<b>Specifications</b>
<b>Title</b>	Register Book
<b>Finished Size</b>	8.25" × 10.5" (Portrait Orientation)
<b>Total Copies</b>	220 pieces
<b>Total Pages</b>	60 pages (including cover)
<b>Paper Quality (Inside Pages)</b>	80 GSM Offset Paper, premium quality, smooth finish
<b>Paper Quality (Cover)</b>	300 GSM Art Card, premium quality, imported or equivalent
<b>Printing (Cover)</b>	One side, 4-color offset printing (CMYK), high-resolution ≥ 300 DPI
<b>Printing (Inside Pages)</b>	Both sides, single color offset printing (Black), sharp text visibility
<b>Printing Technology</b>	High-quality offset printing with international color calibration standards
<b>Ink Type</b>	Environment-friendly, non-toxic, ISO-certified ink
<b>Color Quality</b>	Accurate CMYK reproduction on cover, clean monochrome printing inside
<b>Binding</b>	Center Pin Binding (2-pin saddle stitch) with heavy-duty wire staples
<b>Cover Lamination</b>	Glossy Lamination (Anti-scratch and moisture-resistant)
<b>Finishing Quality</b>	<ul style="list-style-type: none"><li>- Clean trimming with ±1 mm tolerance</li><li>- Uniform page alignment</li><li>- No ink smudges or bleeding</li><li>- Sharp folds and stapling alignment</li></ul>
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Sample Submission</b>	One dummy sample of register book must be approved before mass production

<b>Item Name</b>	<b>Specifications</b>
<b>Packaging</b>	Each 10 books shrink-wrapped together; 20 bundles per corrugated carton (5-ply minimum); cartons must be water-resistant and labeled with BBF logo, vendor name, and quantity
<b>Delivery Deadline</b>	Within 15 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	BBF reserves the right to inspect all items; defective or substandard books must be replaced at vendor's cost
<b>Warranty</b>	Vendor must guarantee no page detachment, ink fading, or staple rusting for at least 12 months under normal usage
<b>VAT &amp; Tax</b>	Deduction as per Government of Bangladesh rules
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- At least 3 years of proven experience in high-quality printing</li> <li>- Must submit samples of similar previous work</li> </ul>

#### **Additional Key Quality Standards**

- **Resolution & Print Quality → Minimum 300 DPI**
- **Proofing Requirement → Vendor must submit digital mock-up and one hard proof for approval**
- **Paper Source Certification → FSC-certified or equivalent premium offset paper**
- **Stapling Durability → Heavy-duty industrial stapling to ensure no page loosening**
- **Carton Packaging → Minimum 5-ply corrugated cartons for safe handling and storage**

## 5. Package-5

### Technical Specifications for CF Handout

<b>Item Name</b>	<b>Specifications</b>
<b>Title</b>	CF (Complementary Feeding) Handout
<b>Finished Size</b>	8.5" × 11" (Portrait Orientation)
<b>Total Copies</b>	990 pieces
<b>Total Pages</b>	16 pages (including cover)
<b>Paper Quality (Inside Pages)</b>	120 GSM Art Paper, premium quality, smooth finish
<b>Paper Quality (Cover)</b>	250 GSM Art Card (optional if different from inside) — if cover separate, confirm thickness
<b>Printing (Cover)</b>	One side, 4-color offset printing (CMYK), high-resolution ≥ 300 DPI
<b>Printing (Inside Pages)</b>	Both sides, 4-color offset printing (CMYK), high-resolution ≥ 300 DPI
<b>Printing Technology</b>	High-quality offset printing with international standard color calibration
<b>Ink Type</b>	Environment-friendly, non-toxic, ISO-certified ink
<b>Color Quality</b>	Accurate CMYK reproduction with ≥95% color consistency
<b>Binding</b>	Center Pin Binding (Saddle Stitch), heavy-duty wire staples
<b>Lamination</b>	Cover: Glossy Lamination (anti-scratch, water-resistant)
<b>Finishing Quality</b>	<ul style="list-style-type: none"><li>- Proper trimming with ±1 mm tolerance</li><li>- Sharp folding and uniform edges</li><li>- No ink bleeding or smudges</li><li>- High contrast for images and text</li></ul>
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Sample Submission</b>	One dummy handout sample must be submitted and approved before mass production

<b>Item Name</b>	<b>Specifications</b>
<b>Packaging</b>	Each 20 handouts shrink-wrapped, 50 bundles per carton (5-ply minimum); cartons must be water-resistant and labeled with BBF logo, project name, vendor name, and quantity
<b>Delivery Deadline</b>	Within 12 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	BBF reserves the right to inspect the entire lot; defective or substandard handouts must be replaced at vendor's cost
<b>Warranty</b>	Vendor must guarantee no staple rusting, lamination peeling, or color fading for at least 12 months under normal usage
<b>VAT &amp; Tax</b>	Deduction as per Government of Bangladesh rules
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience in similar offset printing projects</li> <li>- Must submit samples of previous high-quality handouts</li> </ul>

#### **Additional Key Quality Standards**

- **Resolution & Print Quality → Minimum 300 DPI**
- **Proofing Requirement → Vendor must submit digital proof and one hard proof before final printing approval**
- **Paper Source Certification → FSC-certified or equivalent premium-grade art paper**
- **Stapling Durability → High-quality industrial staples to ensure no detachment**
- **Carton Packaging → Minimum 5-ply corrugated cartons for safe delivery**

## 6. Package-6

### Technical Specifications for Leaflet

<b>Item Name</b>	<b>Specifications</b>
<b>Title</b>	Leaflet
<b>Finished Size</b>	8.5" × 11" (Portrait Orientation)
<b>Total Copies</b>	3,084 pieces
<b>Total Pages</b>	16 pages (including cover)
<b>Paper Quality (Inside Pages)</b>	120 GSM premium quality Art Paper, smooth finish
<b>Paper Quality (Cover)</b>	250 GSM Art Card (optional if separate cover)
<b>Printing (Cover)</b>	One side, 4-color offset printing (CMYK), high-resolution ≥ 300 DPI
<b>Printing (Inside Pages)</b>	Both sides, 4-color offset printing (CMYK), high-resolution ≥ 300 DPI
<b>Printing Technology</b>	High-quality offset printing with international standard color calibration
<b>Ink Type</b>	Environment-friendly, non-toxic, ISO-certified ink
<b>Color Quality</b>	Accurate CMYK reproduction with ≥95% color consistency
<b>Binding</b>	Center Pin Binding (Saddle Stitch), high-quality wire staples
<b>Lamination</b>	Cover: Glossy Lamination (Anti-scratch, moisture-resistant)
<b>Finishing Quality</b>	<ul style="list-style-type: none"><li>- Clean trimming with ±1 mm tolerance</li><li>- High-contrast images and sharp text</li><li>- No smudges, wrinkles, or ink bleeding</li><li>- Uniform folding and staple alignment</li></ul>
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Sample Submission</b>	One dummy leaflet sample must be submitted and approved before mass production
<b>Packaging</b>	Each 25 leaflets shrink-wrapped; 50 bundles per carton (minimum 5-ply corrugated); cartons must be labeled with BBF logo, project name, vendor name, and quantity
<b>Delivery Deadline</b>	Within 15 working days after issuing the purchase order

<b>Item Name</b>	<b>Specifications</b>
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	BBF reserves the right to inspect the entire lot; defective or substandard leaflets must be replaced at vendor's cost
<b>Warranty</b>	Vendor must guarantee no staple rusting, color fading, lamination peeling, or ink bleeding for at least 12 months under normal usage
<b>VAT &amp; Tax</b>	Deduction as per Government of Bangladesh rules
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience in large-volume offset printing</li> <li>- Must submit samples of previous similar work</li> </ul>

**Additional Key Quality Standards**

- Resolution & Print Quality → Minimum 300 DPI
- Proofing Requirement → Vendor must submit digital mock-up and one hard proof before approval
- Paper Source Certification → FSC-certified or equivalent premium-grade art paper
- Stapling Durability → Industrial-grade wire staples to ensure long-lasting binding
- Carton Packaging → Minimum 5-ply corrugated cartons for safe delivery

## 7. Package-7

### Technical Specifications for Flip Chart

<b>Item Name</b>	<b>Specifications</b>
<b>Title</b>	Flip Chart
<b>Finished Size</b>	8.5" × 11" (Portrait Orientation)
<b>Total Copies</b>	407 pieces
<b>Total Pages</b>	92 pages (including cover)
<b>Paper Quality</b>	300 GSM premium quality Art Paper, smooth finish, durable
<b>Printing (Both Sides)</b>	4-color offset printing (CMYK), high-resolution ≥ 300 DPI
<b>Design Quality</b>	Full-color, double-sided professional design with BBF-approved templates
<b>Printing Technology</b>	High-quality offset printing with international standard color calibration
<b>Ink Type</b>	Environment-friendly, non-toxic, ISO-certified ink
<b>Color Quality</b>	Accurate CMYK reproduction with ≥95% color consistency, vivid images, and sharp text
<b>Binding</b>	Spiral Binding (High-quality durable metal wire, rust-proof)
<b>Lamination</b>	Glossy Lamination (Anti-scratch, water-resistant) on all pages
<b>Finishing Quality</b>	<ul style="list-style-type: none"><li>- Clean trimming with ±1 mm tolerance</li><li>- Uniform page alignment</li><li>- No ink bleeding or smudges</li><li>- High-resolution text and images</li><li>- Sturdy spiral loops for smooth flipping</li></ul>
<b>Durability Standard</b>	Designed for field usage: tear-resistant, scratch-proof, and long-lasting under frequent handling
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Sample Submission</b>	One dummy flip chart sample must be submitted and approved before mass production

<b>Item Name</b>	<b>Specifications</b>
<b>Packaging</b>	Each flip chart individually poly-packed; 20 charts per carton; cartons must be strong, water-resistant, and labeled with BBF logo, project name, vendor name, and quantity
<b>Delivery Deadline</b>	Within 20 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	BBF reserves the right to inspect the entire lot; defective or substandard flip charts must be replaced at vendor's cost
<b>Warranty</b>	Vendor must guarantee no spiral rusting, lamination peeling, or color fading for at least 18 months under normal usage
<b>VAT &amp; Tax</b>	Deduction as per Government of Bangladesh rules
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience in high-quality spiral-bound educational printing</li> <li>- Must submit samples of previous similar work</li> </ul>

**Additional Key Quality Standards**

- Resolution & Print Quality → Minimum 300 DPI for sharp images and text
- Proofing Requirement → Vendor must submit digital mock-up and one hard proof for approval before mass production
- Paper Source Certification → FSC-certified or equivalent high-quality premium-grade art paper
- Spiral Binding Durability → Heavy-duty, rust-proof spiral binding for frequent flipping
- Carton Packaging → Minimum 5-ply corrugated cartons for secure transportation and storage

## 8. Package-8

### Technical Specifications for Training Bag

Item Name	Specifications
<b>Title</b>	Training Bag
<b>Total Quantity</b>	451 units
<b>Material (Main Fabric)</b>	High-quality China Butterfly Fabric (tear-resistant, durable, water-repellent, double-coated polyester, premium-grade)
<b>Material (Inner Lining)</b>	Soft polyester lining, high-strength, smooth finish, moisture-resistant
<b>Zipper Quality</b>	China Fit Concord Zipper (19 PEU), heavy-duty, rust-proof, smooth sliding
<b>Zipper Puller</b>	Concord brand runner, marble-finish, size 10, 3 pcs per bag
<b>Accessory Details</b>	<ul style="list-style-type: none"><li>- Grey China Organ – 40"</li><li>- Concord Roll – 60"</li><li>- Mogri Leis – 130"</li><li>- Digital Leis – 48"</li><li>- Belku – 1 pcs</li><li>- Push Lock – 2 pcs</li><li>- Elastic Band – 5" heavy-duty stretch</li></ul>
<b>Color Options</b>	Navy Blue / Black (as per BBF-approved sample)
<b>Bag Size</b>	16" (Length) × 12" (Height) × 5" (Width), as per official BBF-approved sample
<b>Printing / Branding</b>	BBF logo printed on the front pocket using high-quality digital heat-press printing (colorfast, scratch-proof, long-lasting)
<b>Compartments</b>	<ul style="list-style-type: none"><li>- 1 main compartment with high-capacity storage</li><li>- 1 inner zipper pocket</li><li>- 1 front organizer pocket with push lock</li><li>- Elastic inner straps for secure content</li></ul>
<b>Straps &amp; Handle</b>	<ul style="list-style-type: none"><li>- Adjustable shoulder strap with premium padding</li><li>- Double-stitched reinforced handle with extra webbing support</li><li>- Heavy-duty D-rings for long-lasting durability</li></ul>
<b>Stitching Standard</b>	<ul style="list-style-type: none"><li>- Industrial-grade double stitching</li><li>- Minimum 8 SPI (Stitches per Inch) for strength</li><li>- Stress points reinforced with bar-tack stitching</li></ul>

<b>Item Name</b>	<b>Specifications</b>
<b>Load Capacity</b>	Minimum 10 kg carrying capacity without tearing or seam failure
<b>Lining &amp; Finish</b>	Inner lining secured with concealed seams, no loose threads, smooth edges, and anti-fray finishing
<b>Lamination</b>	Outer surface treated with PU protective coating for dust, scratch, and water resistance
<b>Fasteners</b>	High-quality push locks and runners, corrosion-free and durable
<b>Durability Standard</b>	Tested for 3000+ zip cycles and 150 hours UV exposure to ensure long-lasting performance
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Sample Submission</b>	One physical sample of the bag must be submitted and approved by BBF before mass production
<b>Packaging</b>	Each bag individually poly-packed; 20 bags per carton; cartons must be strong, water-resistant, and labeled with BBF logo, vendor name, quantity, and project name
<b>Delivery Deadline</b>	Within 25 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality inspection
<b>Quality Assurance</b>	BBF reserves the right to inspect each delivery lot; any defective or substandard bags must be replaced by the vendor at no extra cost
<b>Warranty</b>	Vendor must guarantee: <ul style="list-style-type: none"> <li>- No zipper breakage</li> <li>- No tearing of straps</li> <li>- No fading of color or logo</li> <li>- No push-lock damage for at least 18 months under normal usage</li> </ul>
<b>VAT &amp; Tax</b>	Deduction as per Government of Bangladesh rules
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience in bulk bag manufacturing</li> <li>- Must submit samples of similar previous work</li> </ul>

**Additional Key Quality Standards**

- Material Testing → Fabric must pass tensile strength, abrasion resistance, and colorfastness tests.
- Water Resistance → Minimum 90% water repellency under laboratory testing.
- Logo Durability → Must withstand 50+ machine washes without fading or peeling.
- Packaging Strength → Use 5-ply corrugated cartons for secure delivery and storage.

## 9. Package-9

### Technical Specifications for Breast Model (Training Demonstration Purpose)

Item Name	Specifications
<b>Title</b>	Breast Model for Training & Demonstration
<b>Total Quantity</b>	308 pieces
<b>Purpose</b>	Training and demonstration for BFHI, IYCF, lactation counseling, and breastfeeding techniques
<b>Size</b>	As per official BBF-approved sample stored in the office
<b>Material</b>	Premium 3-layer stitched fabric with soft padding inside for realistic demonstration
<b>Stitch Quality</b>	<ul style="list-style-type: none"><li>- Triple-layer stitching for durability</li><li>- Minimum 8 SPI (Stitches per Inch)</li><li>- High-strength industrial thread used</li></ul>
<b>Fabric Type</b>	<ul style="list-style-type: none"><li>- High-quality cotton-blend breathable fabric</li><li>- Soft texture for natural skin-like feel</li><li>- Non-irritant, hypoallergenic, and washable</li></ul>
<b>Internal Design</b>	<ul style="list-style-type: none"><li>- Digital anatomical printing on one side of the inner layer to illustrate ducts, alveoli, nipple, and areola</li><li>- Non-fading, high-resolution digital print</li></ul>
<b>Back Side Design</b>	<ul style="list-style-type: none"><li>- Elastic band on the back for comfortable wearing during training</li><li>- Adjustable stretch for all adult sizes</li></ul>
<b>Padding &amp; Shape</b>	<ul style="list-style-type: none"><li>- Soft inner foam padding for realistic simulation</li><li>- Lightweight and ergonomic for easy handling</li></ul>
<b>Color</b>	Skin-toned outer fabric, natural finish, as per BBF-approved sample
<b>Printing Quality</b>	Digital sublimation printing, 300 DPI minimum, non-fading, wash-resistant
<b>Weight</b>	Lightweight (< 200g) per model for easy handling during demonstration
<b>Usage Scope</b>	Suitable for training health workers, lactation counselors, nurses, and community volunteers
<b>Safety Standard</b>	<ul style="list-style-type: none"><li>- Non-toxic, azo-free dyes</li><li>- Complies with ISO 14184-1 safety guidelines</li><li>- Child- and mother-safe certified fabric</li></ul>

<b>Item Name</b>	<b>Specifications</b>
<b>Cleaning &amp; Maintenance</b>	- Hand-washable and reusable - Digital print resistant to $\geq 30$ washes without fading
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Sample Submission</b>	One breast model sample must be submitted and approved before mass production
<b>Packaging</b>	Each breast model individually packed in polybag with BBF labeling; 50 models per carton; cartons must be water-resistant and labeled with BBF logo, vendor name, quantity, and project name
<b>Delivery Deadline</b>	Within 20 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality inspection
<b>Quality Assurance</b>	BBF reserves the right to inspect the entire lot; defective or substandard models must be replaced by the vendor at no additional cost
<b>Warranty</b>	Vendor must guarantee: - No fabric tearing - No stitching loosening - No color fading - No elastic damage for at least 12 months under normal usage
<b>VAT &amp; Tax</b>	Deduction as per Government of Bangladesh rules
<b>Vendor Qualification</b>	- Valid Trade License - VAT/BIN & TIN Certificate - Minimum 3 years experience in producing training demonstration models - Must submit samples of similar previous work

#### **Additional Key Quality Standards**

- Digital Printing Quality → Minimum 300 DPI, high-resolution, anatomically accurate visuals
- Fabric Quality Testing → Must pass tensile strength, colorfastness, and tear-resistance tests
- Elastic Durability → Must withstand  $\geq 500$  stretches without losing shape or elasticity
- Safety Certification → Hypoallergenic, non-toxic materials certified for medical training
- Carton Packaging → Minimum 5-ply corrugated cartons to ensure safe delivery

**10. Package-10**

**Technical Specifications for Training Demonstration Doll**

<b>Item Name</b>	<b>Specifications</b>
<b>Title</b>	Training Demonstration Doll
<b>Total Quantity</b>	308 pieces
<b>Purpose</b>	Used for training, counseling, and demonstration to show correct positioning, attachment, and techniques of breastfeeding
<b>Size</b>	As per official BBF-approved sample stored in the office
<b>Material (Outer Fabric)</b>	Premium full-body stitched cloth doll made of 100% high-quality soft cotton
<b>Material (Filling)</b>	Hypoallergenic, washable polyester fiber filling to provide lightweight softness and realistic shaping
<b>Stitching Standard</b>	<ul style="list-style-type: none"><li>- Fully stitched body</li><li>- Double-layer stitching for durability</li><li>- Minimum 8 SPI (stitches per inch)</li><li>- No loose threads or open seams</li></ul>
<b>Body Design</b>	<ul style="list-style-type: none"><li>- Soft, cuddly, and attractive appearance</li><li>- Anatomically proportionate body</li><li>- Lightweight and comfortable to hold during training</li></ul>
<b>Color &amp; Finish</b>	<ul style="list-style-type: none"><li>- Skin-friendly, bright, and multi-colored body (as per BBF-approved sample)</li><li>- Non-fading, azo-free dyes used for safe and vibrant coloring</li></ul>
<b>Weight</b>	Approx. 300–350g per doll, easy to handle during demonstrations
<b>Functionality</b>	<ul style="list-style-type: none"><li>- Designed specifically to simulate infant positioning</li><li>- Flexible arms and legs for positioning during breastfeeding demonstrations</li><li>- Head movement allowed to simulate correct latching</li></ul>
<b>Safety Standards</b>	<ul style="list-style-type: none"><li>- Non-toxic materials</li><li>- Hypoallergenic stuffing</li><li>- Azo-free, lead-free, and child-safe dyes</li><li>- Complies with EN-71 international toy safety standards</li></ul>
<b>Durability</b>	<ul style="list-style-type: none"><li>- Resistant to tearing, deforming, or color fading</li><li>- Can withstand frequent handling in training sessions</li></ul>

<b>Item Name</b>	<b>Specifications</b>
<b>Washing &amp; Maintenance</b>	<ul style="list-style-type: none"> <li>- Hand-washable</li> <li>- Machine-wash safe up to 30°C</li> <li>- Non-fading colors even after 50+ washes</li> </ul>
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Room 201, Ground Floor, Mohakhali, Dhaka
<b>Sample Submission</b>	One demonstration doll sample must be submitted and approved before mass production
<b>Packaging</b>	Each doll individually poly-packed; 30 dolls per carton; cartons must be 5-ply corrugated, water-resistant, and labeled with BBF logo, project name, vendor name, and quantity
<b>Delivery Deadline</b>	Within 20 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality inspection
<b>Quality Assurance</b>	BBF reserves the right to inspect the entire lot; defective or substandard dolls must be replaced by the vendor at no additional cost
<b>Warranty</b>	<p>Vendor must guarantee:</p> <ul style="list-style-type: none"> <li>- No stitching defects</li> <li>- No fabric tearing</li> <li>- No color fading</li> <li>- No shape deformation for at least 12 months under normal usage</li> </ul>
<b>VAT &amp; Tax</b>	Deduction as per Government of Bangladesh rules
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience in producing training or demonstration dolls</li> <li>- Must submit samples of similar previous work</li> </ul>

**Additional Key Quality Standards**

- Fabric Certification → Premium, child-safe cotton; compliant with OEKO-TEX® Standard 100
- Color Safety → Non-toxic, lead-free, azo-free certified colors
- Structural Quality → Must retain body shape after 500+ training sessions
- Carton Packaging → Minimum 5-ply corrugated cartons for secure transportation and storage

## 11. Package-11

### 1) Technical Specifications for PVC Growth Chart

<b>Item Name</b>	<b>Specifications</b>
<b>Title</b>	PVC Growth Chart
<b>Total Quantity</b>	19 pieces
<b>Purpose</b>	Used for tracking height and weight of children for nutrition monitoring and training purposes
<b>Finished Size</b>	3 ft × 4 ft (Portrait Orientation)
<b>Material</b>	Premium quality PVC Flex Material, tear-resistant, UV-protected, waterproof
<b>Thickness</b>	Minimum 0.35 mm PVC sheet (±10%) for durability
<b>Printing</b>	4-color high-resolution digital printing (CMYK) using eco-solvent ink
<b>Design</b>	Full-color attractive BBF-approved design, including height/weight markers, educational images, and BBF branding
<b>Eyelets</b>	4 rust-proof aluminum eyelets for easy wall hanging (one in each corner)
<b>Printing Quality</b>	<ul style="list-style-type: none"><li>- Minimum 1200 DPI resolution</li><li>- Non-fading, UV-protected colors</li><li>- Accurate scale markings with ±1 mm tolerance</li></ul>
<b>Finishing</b>	<ul style="list-style-type: none"><li>- Heat-sealed edges for extra strength</li><li>- Smooth trimming, no rough cuts</li><li>- Gloss finish for better visibility</li></ul>
<b>Weather Resistance</b>	<ul style="list-style-type: none"><li>- 100% waterproof and moisture-resistant</li><li>- UV-protected to prevent sun fading</li><li>- Suitable for indoor and outdoor display</li></ul>
<b>Color Quality</b>	Vivid, scratch-resistant, and long-lasting colors
<b>Durability</b>	Minimum 3 years lifespan under normal usage conditions
<b>BBF Logo &amp; Branding</b>	BBF logo and project branding to be printed in the approved position
<b>Safety Standards</b>	Non-toxic, eco-friendly, and REACH-compliant material
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka

<b>Item Name</b>	<b>Specifications</b>
<b>Sample Submission</b>	One PVC growth chart sample must be submitted and approved before bulk production
<b>Packaging</b>	Each growth chart individually poly-packed; 10 charts per carton; cartons must be 5-ply corrugated, water-resistant, and labeled with BBF logo, vendor name, and quantity
<b>Delivery Deadline</b>	Within 15 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality inspection
<b>Quality Assurance</b>	BBF reserves the right to inspect the entire lot; defective or substandard charts must be replaced at vendor's cost
<b>Warranty</b>	Vendor must guarantee: <ul style="list-style-type: none"> <li>- No color fading</li> <li>- No tearing</li> <li>- No eyelet loosening for at least 24 months under normal usage</li> </ul>
<b>VAT &amp; Tax</b>	Deduction as per Government of Bangladesh rules
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience in producing PVC or flex printed training materials</li> <li>- Must submit samples of previous similar work</li> </ul>

**Additional Key Quality Standards**

- Printing Technology → High-resolution digital printing with eco-solvent ink
- Eyelet Quality → Heavy-duty rust-proof aluminum eyelets for longevity
- Weatherproofing → Must pass waterproof and UV resistance tests
- Measurement Accuracy → Scale markings must be lab-tested for precision
- Carton Packaging → Minimum 5-ply corrugated cartons to avoid folding, bending, or damage

**2) Technical Specifications for Banner**

<b>Item Name</b>	<b>Specifications</b>
<b>Title</b>	Promotional / Training Banner
<b>Total Quantity</b>	54 pieces
<b>Purpose</b>	Used for events, training programs, and awareness campaigns under BBF

<b>Item Name</b>	<b>Specifications</b>
<b>Finished Size</b>	6 ft × 3 ft (Landscape Orientation)
<b>Material</b>	High-quality PVC Flex Material, UV-protected, waterproof, durable
<b>Thickness</b>	Minimum 0.35 mm premium-grade flex (±10% tolerance)
<b>Printing</b>	4-color high-resolution digital printing (CMYK) with eco-solvent inks
<b>Design</b>	Full-color BBF-approved design, including logo, project title, and messaging
<b>Eyelets</b>	4 rust-proof aluminum/brass eyelets for hanging (one in each corner)
<b>Printing Quality</b>	<ul style="list-style-type: none"> <li>- Minimum 1200 DPI resolution</li> <li>- Vibrant, UV-protected colors</li> <li>- Scratch- and fade-resistant ink</li> </ul>
<b>Finishing</b>	<ul style="list-style-type: none"> <li>- Heat-sealed edges for durability</li> <li>- Smooth trimming with ±1 mm tolerance</li> <li>- Anti-curl technology to ensure banners remain flat</li> </ul>
<b>Weather Resistance</b>	<ul style="list-style-type: none"> <li>- 100% waterproof</li> <li>- UV-resistant to prevent color fading</li> <li>- Suitable for indoor and outdoor display</li> </ul>
<b>Color Quality</b>	Accurate CMYK reproduction, vivid images, and sharp texts
<b>BBF Branding</b>	BBF logo and project branding printed as per approved artwork
<b>Durability</b>	Minimum 3 years lifespan under normal usage conditions
<b>Safety Standards</b>	Non-toxic, eco-friendly, and REACH-compliant inks
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Sample Submission</b>	One banner sample must be submitted and approved before mass production
<b>Packaging</b>	Each banner individually poly-packed; 20 banners per carton; cartons must be 5-ply corrugated, water-resistant, and labeled with BBF logo, project name, vendor name, and quantity
<b>Delivery Deadline</b>	Within 12 working days after issuing the purchase order

<b>Item Name</b>	<b>Specifications</b>
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	BBF reserves the right to inspect the entire lot; defective or substandard banners must be replaced by the vendor at no extra cost
<b>Warranty</b>	Vendor must guarantee: <ul style="list-style-type: none"> <li>- No fading</li> <li>- No tearing</li> <li>- No eyelet loosening</li> <li>- Minimum 18 months durability under normal conditions</li> </ul>
<b>VAT &amp; Tax</b>	Deduction as per Government of Bangladesh rules <ul style="list-style-type: none"> <li>- Valid Trade License</li> </ul>
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience in high-quality banner printing</li> <li>- Must submit samples of previous similar work</li> </ul>

**Additional Key Quality Standards**

- Printing Technology → High-resolution eco-solvent printing
- Eyelet Quality → Heavy-duty rust-proof aluminum/brass eyelets
- Weatherproofing → Must pass waterproof and UV-resistance testing
- Color Fastness → Must withstand ≥ 500 hours sunlight exposure without fading
- Carton Packaging → Minimum 5-ply corrugated cartons to prevent folding or damage

**3) Technical Specifications for BFHI Policy PVC Poster**

<b>Item Name</b>	<b>Specifications</b>
<b>Title</b>	BFHI Policy PVC Poster
<b>Total Quantity</b>	2 pieces
<b>Purpose</b>	Used for <b>displaying BFHI (Baby-Friendly Hospital Initiative) policy information</b> in hospitals, training centers, and BBF facilities
<b>Finished Size</b>	<b>5 ft × 7 ft</b> (Portrait Orientation)
<b>Material</b>	Premium quality <b>PVC Flex Material</b> , UV-protected, waterproof, and durable
<b>Thickness</b>	Minimum <b>0.40 mm premium-grade PVC flex</b> (±10% tolerance)

<b>Item Name</b>	<b>Specifications</b>
<b>Printing</b>	4-color <b>high-resolution digital printing</b> (CMYK) using <b>eco-solvent ink</b>
<b>Design</b>	Full-color <b>BBF-approved policy content</b> , including <b>BBF logo, policy text, and infographics</b>
<b>Eyelets</b>	4 rust-proof <b>aluminum/brass eyelets</b> for wall-mounting (one in each corner)
<b>Printing Quality</b>	<ul style="list-style-type: none"> <li>- Minimum <b>1200 DPI resolution</b></li> <li>- UV-protected, scratch-resistant printing</li> <li>- High-quality policy text visibility</li> </ul>
<b>Finishing</b>	<ul style="list-style-type: none"> <li>- Heat-sealed edges for extra strength</li> <li>- Smooth trimming with <math>\pm 1</math> mm tolerance</li> <li>- Anti-curl technology to ensure perfect wall display</li> </ul>
<b>Weather Resistance</b>	<ul style="list-style-type: none"> <li>- 100% waterproof and moisture-proof</li> <li>- UV-protected to avoid sun fading</li> <li>- Suitable for <b>indoor and semi-outdoor display</b></li> </ul>
<b>Color Quality</b>	Vibrant, sharp, and long-lasting CMYK color reproduction
<b>BBF Branding</b>	BBF logo and policy branding to be placed as per approved artwork
<b>Durability</b>	Minimum <b>5 years lifespan</b> under normal usage
<b>Safety Standards</b>	Non-toxic, eco-friendly, and <b>REACH-compliant</b> materials
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Sample Submission</b>	One PVC poster sample must be submitted and approved before mass production
<b>Packaging</b>	Each poster individually poly-packed; both posters delivered in a <b>5-ply corrugated carton</b> , water-resistant and labeled with BBF logo, vendor name, and quantity
<b>Delivery Deadline</b>	Within <b>10 working days</b> after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification

<b>Item Name</b>	<b>Specifications</b>
<b>Quality Assurance</b>	BBF reserves the right to inspect the entire lot; defective or substandard posters must be replaced at vendor's cost
<b>Warranty</b>	Vendor must guarantee: - No color fading - No tearing - No eyelet loosening for at least <b>36 months under normal usage</b>
<b>VAT &amp; Tax</b>	Deduction as per Government of Bangladesh rules
<b>Vendor Qualification</b>	- Valid Trade License - VAT/BIN & TIN Certificate - Minimum <b>3 years</b> experience in producing <b>PVC printed posters</b> - Must submit samples of previous similar work

#### **Additional Key Quality Standards**

- **Printing Technology** → High-resolution digital printing with eco-solvent inks
- **Eyelet Quality** → Heavy-duty rust-proof aluminum/brass eyelets
- **Weatherproofing** → Must pass waterproof and UV-resistance testing
- **Policy Text Readability** → Font size, contrast, and layout must ensure **high visibility from 6+ feet distance**
- **Carton Packaging** → Minimum **5-ply corrugated cartons** to ensure safety during transportation

#### 4) Technical Specifications for PVC Banner (Benefits of Breastfeeding & Complementary Feeding)

<b>Item Name</b>	<b>Specifications</b>
<b>Title</b>	PVC Banner: Benefits of BF & CF
<b>Total Quantity</b>	35 pieces
<b>Purpose</b>	Used for awareness campaigns, training, and counseling to promote Breastfeeding (BF) and Complementary Feeding (CF) practices
<b>Finished Size</b>	6 ft × 4 ft (Landscape Orientation)
<b>Material</b>	Premium quality PVC Flex Material, waterproof, UV-protected, tear-resistant
<b>Thickness</b>	Minimum 0.35 mm premium-grade PVC flex ( $\pm 10\%$ tolerance)
<b>Printing</b>	4-color high-resolution digital printing (CMYK) with eco-solvent inks
<b>Design</b>	BBF-approved attractive full-color design, including logo, illustrations, awareness messages
<b>Eyelets</b>	4 rust-proof aluminum/brass eyelets (one in each corner) for easy hanging
<b>Printing Quality</b>	<ul style="list-style-type: none"><li>- Minimum 1200 DPI resolution</li><li>- UV-protected, scratch-resistant printing</li><li>- High-contrast and vibrant visuals for better visibility</li></ul>
<b>Finishing</b>	<ul style="list-style-type: none"><li>- Heat-sealed edges for durability</li><li>- Smooth trimming with <math>\pm 1</math> mm tolerance</li><li>- Anti-curling edge technology for perfect display</li></ul>
<b>Weather Resistance</b>	<ul style="list-style-type: none"><li>- 100% waterproof and moisture-proof</li><li>- UV-resistant to prevent fading</li><li>- Suitable for indoor and outdoor display</li></ul>
<b>Color Quality</b>	Bright, vivid, and long-lasting color reproduction
<b>BBF Branding</b>	BBF logo and project branding printed according to approved artwork
<b>Durability</b>	Minimum 3 years lifespan under normal usage
<b>Safety Standards</b>	Non-toxic, eco-friendly, REACH-compliant inks
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka

<b>Item Name</b>	<b>Specifications</b>
<b>Sample Submission</b>	One PVC banner sample must be submitted and approved before mass production
<b>Packaging</b>	Each banner individually poly-packed; 15 banners per carton; cartons must be 5-ply corrugated, water-resistant, and labeled with BBF logo, project name, vendor name, and quantity
<b>Delivery Deadline</b>	Within 12 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality inspection
<b>Quality Assurance</b>	BBF reserves the right to inspect the entire lot; defective or substandard banners must be replaced by the vendor at no cost
<b>Warranty</b>	Vendor must guarantee: <ul style="list-style-type: none"> <li>- No color fading</li> <li>- No tearing</li> <li>- No eyelet loosening</li> <li>- Minimum 24 months durability under normal conditions</li> </ul>
<b>VAT &amp; Tax</b>	Deduction as per Government of Bangladesh rules
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience in producing PVC flex awareness materials</li> <li>- Must submit samples of previous similar work</li> </ul>

**Additional Key Quality Standards**

- Printing Technology → High-resolution eco-solvent digital printing
- Eyelet Quality → Heavy-duty, rust-proof aluminum/brass eyelets
- Weatherproofing → Must pass waterproof and UV-resistance testing
- Content Visibility → Awareness text and illustrations must be readable from 10+ feet distance
- Carton Packaging → Minimum 5-ply corrugated cartons for secure delivery

**5) Technical Specifications for PVC Banner (Pledge / Promise BFHI)**

<b>Item Name</b>	<b>Specifications</b>
<b>Title</b>	PVC Banner (Pledge / Promise BFHI)
<b>Total Quantity</b>	2 pieces

<b>Item Name</b>	<b>Specifications</b>
<b>Purpose</b>	Used for BFHI pledge/promise campaigns in hospitals, training centers, and BBF programs
<b>Finished Size</b>	5 ft × 4 ft (Landscape Orientation)
<b>Material</b>	Premium quality PVC Flex Material, waterproof, UV-protected, tear-resistant
<b>Thickness</b>	Minimum 0.35 mm premium-grade PVC flex (±10% tolerance)
<b>Printing</b>	4-color high-resolution digital printing (CMYK) using eco-solvent ink
<b>Design</b>	BBF-approved full-color design, including pledge text, BBF logo, and relevant visuals
<b>Eyelets</b>	4 rust-proof aluminum/brass eyelets (one in each corner) for secure mounting
<b>Printing Quality</b>	<ul style="list-style-type: none"> <li>- Minimum 1200 DPI resolution</li> <li>- UV-protected, scratch-resistant printing</li> <li>- High visibility from a distance</li> </ul>
<b>Finishing</b>	<ul style="list-style-type: none"> <li>- Heat-sealed edges for durability</li> <li>- Smooth trimming with ±1 mm tolerance</li> <li>- Anti-curling finish for perfect display</li> </ul>
<b>Weather Resistance</b>	<ul style="list-style-type: none"> <li>- 100% waterproof and moisture-proof</li> <li>- UV-resistant to prevent fading</li> <li>- Suitable for indoor and outdoor use</li> </ul>
<b>Color Quality</b>	Vivid, sharp, and long-lasting CMYK color reproduction
<b>BBF Branding</b>	BBF logo and project branding printed as per approved artwork
<b>Durability</b>	Minimum 3 years lifespan under normal usage
<b>Safety Standards</b>	Non-toxic, eco-friendly, REACH-compliant inks
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Sample Submission</b>	One PVC banner sample must be submitted and approved before mass production

<b>Item Name</b>	<b>Specifications</b>
<b>Packaging</b>	Each banner individually poly-packed; both banners delivered in a 5-ply corrugated carton, water-resistant and labeled with BBF logo, vendor name, and quantity
<b>Delivery Deadline</b>	Within 10 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality inspection
<b>Quality Assurance</b>	BBF reserves the right to inspect the entire lot; defective or substandard banners must be replaced by the vendor at no extra cost
<b>Warranty</b>	Vendor must guarantee: <ul style="list-style-type: none"> <li>- No color fading</li> <li>- No tearing</li> <li>- No eyelet loosening</li> <li>- Minimum 24 months durability under normal conditions</li> </ul>
<b>VAT &amp; Tax</b>	Deduction as per Government of Bangladesh rules
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience in producing PVC flex materials</li> <li>- Must submit samples of previous similar work</li> </ul>

**Additional Key Quality Standards**

- Printing Technology → High-resolution eco-solvent digital printing
- Eyelet Quality → Heavy-duty, rust-proof aluminum/brass eyelets
- Weatherproofing → Must pass waterproof and UV-resistance testing
- Content Visibility → Pledge text must be readable from 10+ feet distance
- Carton Packaging → Minimum 5-ply corrugated cartons to ensure safe delivery

**6) Technical Specifications for PVC Banner (Benefits Steps)**

<b>Item Name</b>	<b>Specifications</b>
<b>Title</b>	PVC Banner (Benefits Steps)
<b>Total Quantity</b>	2 pieces
<b>Purpose</b>	Used for training, awareness campaigns, and BFHI-related educational activities
<b>Finished Size</b>	5 ft × 4 ft (Landscape Orientation)

<b>Item Name</b>	<b>Specifications</b>
<b>Material</b>	Premium quality PVC Flex Material, UV-protected, waterproof, tear-resistant
<b>Thickness</b>	Minimum 0.35 mm premium-grade PVC flex ( $\pm 10\%$ tolerance)
<b>Printing</b>	4-color high-resolution digital printing (CMYK) using eco-solvent ink
<b>Design</b>	BBF-approved full-color design, including benefits steps visuals, BBF logo, and awareness content
<b>Eyelets</b>	4 rust-proof aluminum/brass eyelets (one in each corner) for secure mounting
<b>Printing Quality</b>	<ul style="list-style-type: none"> <li>- Minimum 1200 DPI resolution</li> <li>- UV-protected, scratch-resistant printing</li> <li>- High contrast for better readability</li> </ul>
<b>Finishing</b>	<ul style="list-style-type: none"> <li>- Heat-sealed edges for durability</li> <li>- Smooth trimming with <math>\pm 1</math> mm tolerance</li> <li>- Anti-curling edge treatment for neat display</li> </ul>
<b>Weather Resistance</b>	<ul style="list-style-type: none"> <li>- 100% waterproof and moisture-proof</li> <li>- UV-resistant to prevent color fading</li> <li>- Suitable for indoor and outdoor use</li> </ul>
<b>Color Quality</b>	Vivid, sharp, and long-lasting CMYK color reproduction
<b>BBF Branding</b>	BBF logo and project branding printed according to approved artwork
<b>Durability</b>	Minimum 3 years lifespan under normal usage
<b>Safety Standards</b>	Non-toxic, eco-friendly, REACH-compliant inks
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Sample Submission</b>	One PVC banner sample must be submitted and approved before mass production
<b>Packaging</b>	Each banner individually poly-packed; both banners delivered in a 5-ply corrugated carton, water-resistant and labeled with BBF logo, vendor name, and quantity
<b>Delivery Deadline</b>	Within 10 working days after issuing the purchase order

<b>Item Name</b>	<b>Specifications</b>
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	BBF reserves the right to inspect the entire lot; defective or substandard banners must be replaced by the vendor at no cost
<b>Warranty</b>	Vendor must guarantee: - No color fading - No tearing - No eyelet loosening - Minimum 24 months durability under normal conditions
<b>VAT &amp; Tax</b>	Deduction as per Government of Bangladesh rules  - Valid Trade License
<b>Vendor Qualification</b>	- VAT/BIN & TIN Certificate - Minimum 3 years experience in producing PVC flex educational materials - Must submit samples of previous similar work

**Additional Key Quality Standards**

- Printing Technology → High-resolution eco-solvent digital printing
- Eyelet Quality → Heavy-duty, rust-proof aluminum/brass eyelets
- Weatherproofing → Must pass waterproof and UV-resistance testing
- Content Visibility → Text and visuals must be clearly readable from 10+ feet distance
- Carton Packaging → Minimum 5-ply corrugated cartons for safe transportation

**7) Technical Specifications for PVC Banner (Benefits of BF & Hazards)**

<b>Item Name</b>	<b>Specifications</b>
<b>Title</b>	PVC Banner (Benefits of Breastfeeding & Hazards)
<b>Total Quantity</b>	2 pieces
<b>Purpose</b>	Used for awareness campaigns, training programs, and counseling sessions to educate on the benefits of breastfeeding and associated hazards
<b>Finished Size</b>	3 ft × 4 ft (Portrait Orientation)
<b>Material</b>	Premium quality PVC Flex Material, waterproof, UV-protected, tear-resistant
<b>Thickness</b>	Minimum 0.30 mm premium-grade PVC flex (±10% tolerance)
<b>Printing</b>	4-color high-resolution digital printing (CMYK) with eco-solvent inks

<b>Item Name</b>	<b>Specifications</b>
<b>Design</b>	BBF-approved full-color design, including benefits, hazards, BBF logo, and visual graphics
<b>Eyelets</b>	4 rust-proof aluminum/brass eyelets (one in each corner) for secure hanging
<b>Printing Quality</b>	<ul style="list-style-type: none"> <li>- Minimum 1200 DPI resolution</li> <li>- UV-protected, scratch-resistant printing</li> <li>- High-contrast images and text for maximum visibility</li> </ul>
<b>Finishing</b>	<ul style="list-style-type: none"> <li>- Heat-sealed edges for durability</li> <li>- Smooth trimming with <math>\pm 1</math> mm tolerance</li> <li>- Anti-curling treatment for clean display</li> </ul>
<b>Weather Resistance</b>	<ul style="list-style-type: none"> <li>- 100% waterproof and moisture-proof</li> <li>- UV-resistant to prevent fading</li> <li>- Suitable for indoor and outdoor use</li> </ul>
<b>Color Quality</b>	Vivid, sharp, and long-lasting CMYK color reproduction
<b>BBF Branding</b>	BBF logo and project branding printed according to approved artwork
<b>Durability</b>	Minimum 3 years lifespan under normal conditions
<b>Safety Standards</b>	Non-toxic, eco-friendly, and REACH-compliant inks
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Sample Submission</b>	One PVC banner sample must be submitted and approved before mass production
<b>Packaging</b>	Each banner individually poly-packed; both banners delivered in a 5-ply corrugated carton, water-resistant and labeled with BBF logo, vendor name, and quantity
<b>Delivery Deadline</b>	Within 10 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality inspection
<b>Quality Assurance</b>	BBF reserves the right to inspect the entire lot; defective or substandard banners must be replaced by the vendor at no cost
<b>Warranty</b>	<p>Vendor must guarantee:</p> <ul style="list-style-type: none"> <li>- No color fading</li> </ul>

<b>Item Name</b>	<b>Specifications</b> - No tearing - No eyelet loosening - Minimum 24 months durability under normal usage
<b>VAT &amp; Tax</b>	Deduction as per Government of Bangladesh rules - Valid Trade License
<b>Vendor Qualification</b>	- VAT/BIN & TIN Certificate - Minimum 3 years experience in producing PVC awareness materials - Must submit samples of previous similar work

**Additional Key Quality Standards**

- Printing Technology → High-resolution eco-solvent digital printing
- Eyelet Quality → Heavy-duty, rust-proof aluminum/brass eyelets
- Weatherproofing → Must pass waterproof and UV-resistance testing
- Content Visibility → Educational content and visuals must be readable from 10+ feet distance
- Carton Packaging → Minimum 5-ply corrugated cartons to ensure safe delivery

## 12. Technical Specifications for ID Card

<b>Item Name</b>	<b>Specifications</b>
<b>Title</b>	Staff & Training ID Card
<b>Total Quantity</b>	306 pieces
<b>Purpose</b>	Used for official staff identification, training participants, and field-level program implementation under BBF
<b>Size</b>	As per official BBF-approved sample stored in the office
<b>Material</b>	Premium quality PVC Plastic Card, durable, scratch-resistant, waterproof
<b>Thickness</b>	Standard 0.76 mm ISO-certified PVC (credit-card quality)
<b>Printing Type</b>	Full-color digital printing (CMYK), edge-to-edge, high-resolution, with BBF-approved design
<b>Printing Quality</b>	<ul style="list-style-type: none"><li>- Minimum 600 DPI resolution</li><li>- Non-fading, UV-resistant inks</li><li>- Glossy premium finish</li></ul>
<b>Design</b>	BBF-approved layout, including: <ul style="list-style-type: none"><li>- BBF logo</li><li>- Name &amp; designation</li><li>- Unique ID number</li><li>- Program name</li><li>- Contact details</li></ul>
<b>Personalization</b>	Individual staff/participant information digitally printed with high precision
<b>Back Side Printing</b>	Back side to include: <ul style="list-style-type: none"><li>- BBF program branding</li><li>- QR code (if required)</li><li>- Emergency contact or institutional information</li></ul>
<b>Laminate / Finish</b>	High-gloss or matt protective lamination for scratch resistance & waterproofing
<b>Durability</b>	Long-lasting, designed for 2+ years of regular use
<b>Accessories</b>	Each ID card to be supplied with: <ul style="list-style-type: none"><li>- High-quality nylon lanyard (blue with BBF logo &amp; text)</li><li>- Metal hook &amp; clip (rust-proof)</li><li>- Transparent PVC holder for card protection</li></ul>

<b>Item Name</b>	<b>Specifications</b>
<b>Safety Standards</b>	Non-toxic, eco-friendly, REACH-compliant materials
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Sample Submission</b>	One ID card sample must be submitted and approved before mass production
<b>Packaging</b>	Each ID card individually poly-packed; 50 cards per carton; cartons must be 5-ply corrugated, water-resistant, and labeled with BBF logo, vendor name, and quantity
<b>Delivery Deadline</b>	Within 15 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	BBF reserves the right to inspect the entire lot; defective or misprinted ID cards must be replaced by the vendor at no extra cost
<b>Warranty</b>	Vendor must guarantee: <ul style="list-style-type: none"> <li>- No fading</li> <li>- No peeling</li> <li>- No lamination damage</li> <li>- Minimum 24 months durability under normal usage</li> </ul>
<b>VAT &amp; Tax</b>	Deduction as per Government of Bangladesh rules
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience in PVC ID card printing</li> <li>- Must submit samples of previous similar work</li> </ul>

**Additional Key Quality Standards**

- Printing Technology → High-quality thermal retransfer or digital offset printing
- Personalization → Digital variable data printing for names, photos, barcodes, or QR codes
- Lanyard Specification → High-strength nylon, 20 mm width, BBF branding, metal clip included
- Card Durability → Must pass scratch-resistance and waterproof tests
- Carton Packaging → Minimum 5-ply corrugated cartons for secure delivery

### 13. Technical Specifications for LMC Display Board

<b>Item Name</b>	<b>Specifications</b>
<b>Title</b>	LMC Display Board
<b>Total Quantity</b>	21 pieces
<b>Purpose</b>	Used for Lactation Management Center (LMC) information display, patient education, and BBF branding
<b>Finished Size</b>	18" × 12" inches (Landscape Orientation)
<b>Material (Board)</b>	High-quality 5mm LMC board (Lightweight, durable, moisture-resistant)
<b>Front &amp; Back Printing</b>	4-color offset or high-resolution digital printing (CMYK) on both front and back
<b>Paper Type</b>	Premium high-gloss sticker paper pasted on board
<b>Printing Quality</b>	<ul style="list-style-type: none"><li>- Minimum 1200 DPI resolution</li><li>- UV-protected, fade-resistant, and scratch-proof</li><li>- Accurate color reproduction</li></ul>
<b>Design</b>	BBF-approved full-color design, including: <ul style="list-style-type: none"><li>- BBF logo</li><li>- LMC details</li><li>- Program branding</li></ul>
<b>Lamination / Finish</b>	Glossy lamination on both sides for water resistance & durability
<b>Mounting Option</b>	Board must include wall-mount hooks or slots at the back for secure installation
<b>Weight</b>	Approx. 250–300 grams per board for easy mounting
<b>Durability</b>	Designed for 3+ years of regular indoor usage
<b>Safety Standards</b>	Non-toxic inks and eco-friendly sticker materials
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Sample Submission</b>	One LMC display board sample must be submitted and approved before mass production
<b>Packaging</b>	Each display board individually bubble-wrapped; 10 boards per 5-ply corrugated carton, labeled with BBF logo, vendor name, and quantity

<b>Item Name</b>	<b>Specifications</b>
<b>Delivery Deadline</b>	Within 15 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	BBF reserves the right to inspect all items; defective or substandard boards must be replaced by the vendor at no cost
<b>Warranty</b>	Vendor must guarantee: <ul style="list-style-type: none"> <li>- No peeling of sticker</li> <li>- No lamination damage</li> <li>- No color fading for at least 24 months</li> </ul>
<b>VAT &amp; Tax</b>	Deduction as per Government of Bangladesh rules
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience in LMC display boards / hospital display boards</li> <li>- Must submit samples of similar previous work</li> </ul>

**Additional Key Quality Standards**

- Printing Technology → High-resolution digital printing / offset hybrid technology
- Sticker Quality → Premium-grade waterproof sticker for long-lasting adhesion
- Board Durability → Must withstand 3+ years without bending, peeling, or fading
- Color Fastness → UV-protected inks for vibrant and long-lasting prints
- Carton Packaging → Minimum 5-ply corrugated cartons for secure transport

#### 14. Technical Specifications for ID Card (Art Card)

<b>Item Name</b>	<b>Specifications</b>
<b>Title</b>	ID Card (Art Card)
<b>Total Quantity</b>	306 pieces
<b>Purpose</b>	Used for training participants, event volunteers, and temporary identification purposes under BBF programs
<b>Size</b>	3" × 2" inches (Landscape Orientation)
<b>Material</b>	High-quality 300 GSM Art Card, smooth finish, durable
<b>Printing Type</b>	4-color digital offset printing (CMYK), full edge-to-edge design
<b>Printing Quality</b>	<ul style="list-style-type: none"><li>- Minimum 600 DPI resolution</li><li>- UV-protected, non-fading ink</li><li>- Glossy or matt premium finish</li></ul>
<b>Design</b>	BBF-approved full-color layout, including: <ul style="list-style-type: none"><li>- BBF logo</li><li>- Name &amp; designation</li><li>- Program title</li><li>- Event/Training name (if required)</li></ul>
<b>Back Side Printing</b>	Optional — Project branding, contact details, or instructions (as per BBF design approval)
<b>Lamination / Finish</b>	Glossy or matt lamination on both sides for water resistance & long-lasting durability
<b>Personalization</b>	Digital printing of individual details (if required)
<b>Durability</b>	Designed for 6–12 months usage for trainings and events
<b>Accessories</b>	Optional: Transparent PVC holders and basic lanyards if requested separately
<b>Safety Standards</b>	Eco-friendly inks, non-toxic, and REACH-compliant printing materials
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Sample Submission</b>	One ID card (art card) sample must be submitted and approved before bulk production

<b>Item Name</b>	<b>Specifications</b>
<b>Packaging</b>	Each ID card individually poly-packed; 50 cards per 5-ply corrugated carton, labeled with BBF logo, vendor name, and quantity
<b>Delivery Deadline</b>	Within 10 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	BBF reserves the right to inspect the entire lot; defective or misprinted cards must be replaced by the vendor at no cost
<b>Warranty</b>	Vendor must guarantee: <ul style="list-style-type: none"> <li>- No color fading</li> <li>- No ink smudging</li> <li>- No lamination damage for at least 12 months under normal usage</li> </ul>
<b>VAT &amp; Tax</b>	Deduction as per Government of Bangladesh rules
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience in ID card printing</li> <li>- Must submit samples of previous similar work</li> </ul>

**Additional Key Quality Standards**

- Printing Technology → High-resolution digital offset printing
- Card Quality → Premium 300 GSM art card with smooth lamination
- Color Fastness → Must withstand sunlight exposure without fading for at least 6 months
- Packaging → Minimum 5-ply corrugated cartons for secure delivery

## 15. Technical Specifications for Nail Cutter

<b>Item Name</b>	<b>Specifications</b>
<b>Title</b>	Stainless Steel Nail Cutter
<b>Total Quantity</b>	990 pieces
<b>Purpose</b>	To be distributed to mothers for cutting children's nails and maintaining personal hygiene
<b>Material</b>	Premium quality high-carbon stainless steel (Grade: SS420 or equivalent)
<b>Design</b>	Ergonomic, lightweight, and comfortable grip with smooth cutting edges
<b>Size</b>	Standard adult size: 6.5 cm – 7.5 cm length ( $\pm 0.5$ cm tolerance)
<b>Blade Type</b>	<ul style="list-style-type: none"><li>- Sharp, curved cutting edges for safe and precise trimming</li><li>- Heat-treated stainless steel blades to retain sharpness</li></ul>
<b>Handle Design</b>	<ul style="list-style-type: none"><li>- Non-slip textured handle for easy gripping</li><li>- Smooth edges, safe for mothers and children</li></ul>
<b>Finishing</b>	High-quality mirror-polished finish, corrosion-resistant and rust-proof
<b>Durability</b>	Designed for long-lasting use, minimum 3 years lifespan under regular usage
<b>Safety Features</b>	<ul style="list-style-type: none"><li>- Child-safe design with rounded tips</li><li>- No sharp protrusions or unsafe edges</li></ul>
<b>Hygiene Standard</b>	Fully washable, sterilizable, and compliant with personal hygiene tools safety standards
<b>Color</b>	Natural stainless steel finish; optional BBF-approved logo engraving or laser marking on handle
<b>Packaging</b>	<ul style="list-style-type: none"><li>- Each nail cutter individually packed in transparent hygienic polybag</li><li>- 50 pieces per 5-ply corrugated carton, labeled with BBF logo, vendor name, and quantity</li></ul>
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Sample Submission</b>	One sample nail cutter must be submitted and approved before bulk production
<b>Delivery Deadline</b>	Within 15 working days after issuing the purchase order

<b>Item Name</b>	<b>Specifications</b>
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	BBF reserves the right to inspect all items; defective or substandard nail cutters must be replaced by the vendor at no cost
<b>Warranty</b>	Vendor must guarantee: <ul style="list-style-type: none"> <li>- No rusting</li> <li>- No breakage</li> <li>- No loss of sharpness for at least 12 months under normal usage</li> </ul>
<b>Safety Compliance</b>	Must comply with ISO 9001:2015 quality standards for hygiene tools
<b>VAT &amp; Tax</b>	Deduction as per Government of Bangladesh rules
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience in supplying personal hygiene tools</li> <li>- Must submit samples of previous similar work</li> </ul>

**Additional Key Quality Standards**

- Material Grade → Food-grade, high-carbon stainless steel, rust-proof
- Blade Quality → Must pass sharpness and edge retention testing
- Corrosion Resistance → Must pass salt spray testing (72 hours)
- Hygiene Safety → Non-toxic, nickel-free, and safe for infants
- Carton Packaging → Minimum 5-ply corrugated cartons for secure delivery

## 16. Technical Specifications for Antibacterial Hand Soap Bar

Item Name	Specifications
<b>Title</b>	Antibacterial Hand Soap Bar
<b>Total Quantity</b>	990
<b>Purpose</b>	To maintain hand hygiene for mothers and caregivers before and after child care, nail cutting, and feeding
<b>Soap Type</b>	Solid antibacterial hand soap bar
<b>Weight / Size</b>	90 gm to 120 gm per bar ( <i>±5 gm tolerance</i> )
<b>Shape</b>	Rectangular or oval, smooth finish, BBF-approved sample preferred
<b>Fragrance</b>	Mild, hypoallergenic fragrance suitable for mothers and children
<b>Color</b>	White / light pastel shades ( <i>BBF-approved sample</i> )
<b>Formulation</b>	<ul style="list-style-type: none"><li>- Enriched with moisturizing ingredients (e.g., glycerin, aloe vera, or vitamin E)</li><li>- Gentle formula, safe for frequent hand washing</li><li>- Contains antibacterial agents to remove germs effectively</li></ul>
<b>Antibacterial Action</b>	Kills ≥99.9% germs & bacteria as per microbiological test reports
<b>pH Level</b>	Skin-friendly pH (5.5 – 7.0), suitable for sensitive skin
<b>Safety Standards</b>	<ul style="list-style-type: none"><li>- Free from parabens, triclosan, formaldehyde, and harsh detergents</li><li>- Non-toxic and dermatologically tested</li><li>- Safe for mothers and infants</li></ul>
<b>Packaging Type</b>	<ul style="list-style-type: none"><li>- Each soap bar to be individually wrapped in moisture-proof paper or poly packaging</li><li>- Outer carton labeling must include: Brand Name, Weight, Ingredients, Manufacturing Date, Expiry Date, Batch No., BSTI License No., and BBF Logo</li></ul>
<b>Shelf Life</b>	Minimum 24 months from manufacturing date
<b>Certifications Required</b>	<ul style="list-style-type: none"><li>- BSTI approval or equivalent certification</li><li>- ISO 9001:2015 quality certification</li><li>- WHO GMP compliance preferred</li></ul>
<b>Usage Instruction</b>	Labeled in Bangla & English, must include: <ul style="list-style-type: none"><li>- “For external use only”</li></ul>

<b>Item Name</b>	<b>Specifications</b> - “Keep away from children’s eyes” - Expiry date clearly printed
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Sample Submission</b>	One hand soap bar sample must be submitted and approved before mass supply
<b>Packaging</b>	- Each bar individually wrapped - 72 bars per master carton - Minimum 5-ply corrugated cartons must be used, moisture-resistant, and labeled with BBF logo, vendor name, and quantity
<b>Delivery Deadline</b>	Within 15 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	BBF reserves the right to test random samples for antibacterial effectiveness, weight, and quality; defective or substandard soaps must be replaced at vendor’s cost
<b>Warranty</b>	Vendor must guarantee: - No changes in color, shape, or smell - No skin irritation - Product quality maintained for at least 24 months
<b>VAT &amp; Tax</b>	Deduction as per Government of Bangladesh rules
<b>Vendor Qualification</b>	- Valid Trade License - VAT/BIN & TIN Certificate - Minimum 3 years experience in supplying antibacterial hand soaps - Must submit samples of previous similar supplies

**Additional Key Quality Standards**

- Soap Grade → Premium-grade triple-milled antibacterial soap
- Moisture Protection → Individually wrapped in moisture-proof packaging
- Microbiological Testing → Must pass antibacterial effectiveness tests
- Eco-Friendly → Biodegradable formula preferred
- Carton Packaging → Minimum 5-ply corrugated cartons for secure transportation

## 17. Technical Specifications for Stainless Steel Small Bowl (250 ml) for Complementary Feeding

Item Name	Specifications
<b>Title</b>	Stainless Steel Small Feeding Bowl (250 ml)
<b>Total Quantity</b>	990 pieces
<b>Purpose</b>	For complementary feeding of children aged 6 months to 24 months under BBF's nutrition and IYCF programs
<b>Capacity</b>	250 ml ( $\pm 10$ ml tolerance)
<b>Material</b>	High-quality food-grade stainless steel (SS 304 / 18-8 grade), rust-proof, lead-free, nickel-safe
<b>Design &amp; Shape</b>	<ul style="list-style-type: none"><li>- Round shape, smooth curved edges, child-friendly design</li><li>- Seamless, joint-free finishing for hygiene and safety</li></ul>
<b>Surface Finish</b>	<ul style="list-style-type: none"><li>- Mirror-polished inner surface for easy cleaning</li><li>- Matte or semi-gloss outer finish for better grip</li></ul>
<b>Weight</b>	Approx. 80 g – 100 g per bowl (lightweight yet sturdy)
<b>Thickness</b>	Minimum 0.6 mm – 0.8 mm stainless steel sheet for strength and durability
<b>Safety Standards</b>	<ul style="list-style-type: none"><li>- BPA-free, lead-free, phthalate-free</li><li>- Certified food-contact safe under FDA and EU regulations</li><li>- Non-toxic and suitable for infants and toddlers</li></ul>
<b>Temperature Resistance</b>	Can safely hold hot and cold food (up to 250°C) without deformation
<b>Durability</b>	Minimum 5 years lifespan under regular household usage
<b>Hygiene &amp; Maintenance</b>	<ul style="list-style-type: none"><li>- Non-stick, non-porous surface prevents food residue build-up</li><li>- Easy to clean, dishwasher safe, and sterilizable</li></ul>
<b>Branding</b>	BBF logo and program branding to be laser-engraved or etched on the bowl exterior as per BBF-approved design
<b>Color</b>	Natural stainless steel silver finish
<b>Packaging</b>	<ul style="list-style-type: none"><li>- Each bowl individually poly-packed in hygienic wrapping</li><li>- 40 bowls per master carton</li><li>- Cartons must be 5-ply corrugated, moisture-resistant, and labeled with BBF logo, vendor name, and quantity</li></ul>

<b>Item Name</b>	<b>Specifications</b>
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Sample Submission</b>	One 250 ml stainless steel bowl sample must be submitted and approved before bulk production
<b>Delivery Deadline</b>	Within 20 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	BBF reserves the right to test samples for: <ul style="list-style-type: none"> <li>- Material quality and food safety</li> <li>- Capacity verification</li> <li>- Resistance to rust and corrosion</li> <li>- Defective or substandard bowls must be replaced at vendor's cost</li> </ul>
<b>Warranty</b>	Vendor must guarantee: <ul style="list-style-type: none"> <li>- No rusting or pitting</li> <li>- No deformation under heat</li> <li>- No fading of BBF logo</li> <li>- Minimum 36 months durability under normal usage</li> </ul>
<b>Certifications Required</b>	<ul style="list-style-type: none"> <li>- BSTI approval for food-contact utensils</li> <li>- ISO 9001:2015 quality management certification</li> <li>- FDA/EU food safety compliance report preferred</li> </ul>
<b>VAT &amp; Tax</b>	Deduction as per Government of Bangladesh rules
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience in supplying food-grade stainless steel feeding utensils</li> <li>- Must submit samples of previous similar supplies</li> </ul>

**Additional Key Quality Standards**

- Material Grade → Food-grade SS 304 (18/8 stainless steel), rust-proof and durable
- Corrosion Resistance → Must pass salt spray test for 72 hours
- Heat Resistance → Safe for sterilization and boiling
- Eco-Friendly → 100% recyclable, non-toxic material
- Carton Packaging → Minimum 5-ply corrugated cartons for safe delivery

## 18. Technical Specifications for Spoon (Melamine) for Complementary Feeding

Item Name	Specifications
Title	Melamine Feeding Spoon
Total Quantity	990
Purpose	For complementary feeding of children aged 6 months to 24 months under BBF's nutrition and IYCF programs
Material	Premium quality food-grade melamine, BPA-free, non-toxic, lightweight
Size / Length	13 cm – 15 cm ( $\pm 0.5$ cm tolerance), child-friendly
Spoon Capacity	3 ml – 5 ml per spoonful ( <i>BBF-approved sample</i> )
Shape & Design	<ul style="list-style-type: none"><li>- Smooth rounded edges to ensure child safety</li><li>- Ergonomic handle for better grip</li><li>- Seamless, joint-free finishing for hygiene</li></ul>
Surface Finish	<ul style="list-style-type: none"><li>- Glossy polished finish, scratch-resistant, and stain-resistant</li><li>- Non-porous, prevents food residue build-up</li></ul>
Weight	Approx. 8 g – 12 g per spoon (lightweight and durable)
Color	Pastel/mild colors ( <i>BBF-approved sample</i> )
Temperature Resistance	Heat-resistant up to 120°C; safe for both hot and cold food
Safety Standards	<ul style="list-style-type: none"><li>- BPA-free</li><li>- Phthalate-free</li><li>- Heavy-metal-free</li><li>- Complies with FDA and EU food safety standards</li></ul>
Durability	Minimum 2 years lifespan under normal household usage
Branding	BBF logo and program branding to be printed or laser-marked on handle, as per BBF-approved design
Cleaning & Maintenance	Dishwasher-safe, easy to wash, hygienic and odor-free
Packaging	<ul style="list-style-type: none"><li>- Each spoon individually poly-packed in hygienic wrapping</li><li>- 100 spoons per master carton</li><li>- Cartons must be 5-ply corrugated, moisture-resistant, and labeled with BBF logo, vendor name, and quantity</li></ul>

<b>Item Name</b>	<b>Specifications</b>
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Sample Submission</b>	One melamine spoon sample must be submitted and approved before bulk production
<b>Delivery Deadline</b>	Within 20 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	BBF reserves the right to test random samples for: <ul style="list-style-type: none"> <li>- Material safety</li> <li>- Durability</li> <li>- Logo quality</li> <li>- Defective or substandard spoons must be replaced by the vendor at no cost</li> </ul>
<b>Warranty</b>	Vendor must guarantee: <ul style="list-style-type: none"> <li>- No cracking</li> <li>- No fading</li> <li>- No deformation under heat</li> <li>- Minimum 24 months durability under normal use</li> </ul>
<b>Certifications Required</b>	<ul style="list-style-type: none"> <li>- BSTI approval for food-contact products</li> <li>- ISO 9001:2015 quality certification</li> <li>- FDA/EU compliance preferred</li> </ul>
<b>VAT &amp; Tax</b>	Deduction as per Government of Bangladesh rules
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience in supplying melamine feeding utensils</li> <li>- Must submit samples of previous similar work</li> </ul>

**Additional Key Quality Standards**

- Food Grade Certification → Must comply with FDA and EU food-contact standards
- Melamine Quality → Premium A-grade melamine, durable and lightweight
- Color Safety → Non-toxic, lead-free, azo-free certified dyes
- Carton Packaging → Minimum 5-ply corrugated cartons for safe delivery

## 19. Technical Specifications for Writing Pen

Item Name	Specifications
Title	Ballpoint Writing Pen
Total Quantity	437 pieces
Purpose	For official use, training programs, field activities, and documentation under BBF
Pen Type	Premium ballpoint pen
Ink Color	Blue ( <i>BBF-approved sample</i> )
Tip Size	0.7 mm to 1.0 mm ( <i>medium point, smooth writing</i> )
Ink Quality	<ul style="list-style-type: none"><li>- High-quality, oil-based ink</li><li>- Non-smudging, quick-drying formula</li><li>- Long-lasting ink capacity for <math>\geq 1000</math> meters writing length</li></ul>
Barrel Material	<ul style="list-style-type: none"><li>- High-quality ABS plastic body</li><li>- Smooth, glossy finish with comfortable grip</li></ul>
Design & Comfort	<ul style="list-style-type: none"><li>- Ergonomic lightweight design</li><li>- Soft grip for extended writing comfort</li><li>- Ventilated cap for safety</li></ul>
Durability	Minimum 18 months shelf life from delivery date
Color & Branding	BBF-approved design, optional BBF logo printing on barrel
Safety Standards	<ul style="list-style-type: none"><li>- Non-toxic ink</li><li>- ISO 12757-1 compliance for ballpoint ink safety</li></ul>
Packaging	<ul style="list-style-type: none"><li>- Each pen individually poly-packed (<i>optional</i>)</li><li>- 50 pens per inner box</li><li>- 500 pens per master carton</li><li>- Cartons must be 5-ply corrugated, moisture-resistant, and labeled with BBF logo, vendor name, and quantity</li></ul>
Delivery Location	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
Sample Submission	One writing pen sample must be submitted and approved before bulk production
Delivery Deadline	Within 15 working days after issuing the purchase order

<b>Item Name</b>	<b>Specifications</b>
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	<p>BBF reserves the right to test samples for:</p> <ul style="list-style-type: none"> <li>- Ink quality</li> <li>- Writing smoothness</li> <li>- Durability</li> <li>- Defective or substandard pens must be replaced by the vendor at no cost</li> </ul>
<b>Warranty</b>	<p>Vendor must guarantee:</p> <ul style="list-style-type: none"> <li>- No ink leakage</li> <li>- No breakage under normal use</li> <li>- No logo fading for at least 12 months</li> </ul>
<b>Certifications Required</b>	<ul style="list-style-type: none"> <li>- ISO 9001:2015 quality certification preferred</li> <li>- Must comply with REACH and RoHS standards</li> </ul>
<b>VAT &amp; Tax</b>	Deduction as per Government of Bangladesh rules
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience in supplying premium ballpoint pens</li> <li>- Must submit samples of previous similar supplies</li> </ul>

**Additional Key Quality Standards**

- Ink Longevity → Minimum 1000 meters smooth writing length
- Comfort Grip → Non-slippery barrel for long writing sessions
- Logo Printing → High-quality laser or pad printing for BBF branding
- Carton Packaging → Minimum 5-ply corrugated cartons for safe transportation

## 20. Technical Specifications for Writing Pad

Item Name	Specifications
Title	Writing Pad (A4 Size)
Total Quantity	437 pieces
Purpose	For official use, training programs, workshops, and field-level activities under BBF
Size	A4 (8.27" × 11.69")
Paper Quality	Premium 80 GSM white offset paper ( <i>smooth finish, suitable for pen &amp; pencil</i> )
Number of Pages	50 sheets per pad ( <i>single-sided writing</i> )
Paper Color	White, high-brightness (≥90% whiteness)
Cover Material	- 300 GSM art card or equivalent premium board - BBF-approved cover design with BBF logo, program name & branding
Cover Printing	4-color digital or offset printing (CMYK) with glossy or matte finish
Binding Type	- Top-glued binding ( <i>preferred</i> ) or spiral binding as per BBF approval - Durable and easy tear-off sheets
Back Board	Hard 700 GSM grey board for better support while writing
Design & Branding	- Front cover will include BBF logo, project name, and contact information - Optional program-specific design
Durability	Designed for long-lasting storage and everyday usage
Packaging	- Each pad individually shrink-wrapped ( <i>optional</i> ) - 20 pads per inner box - 100 pads per master carton - Cartons must be 5-ply corrugated, moisture-resistant, and labeled with BBF logo, vendor name, and quantity
Delivery Location	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
Sample Submission	One writing pad sample must be submitted and approved before bulk production

<b>Item Name</b>	<b>Specifications</b>
<b>Delivery Deadline</b>	Within 15 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	<p>BBF reserves the right to test random samples for:</p> <ul style="list-style-type: none"> <li>- Paper GSM &amp; quality</li> <li>- Printing &amp; finishing</li> <li>- Binding strength</li> <li>- Defective or substandard pads must be replaced by the vendor at no cost</li> </ul>
<b>Warranty</b>	<p>Vendor must guarantee:</p> <ul style="list-style-type: none"> <li>- No loose pages</li> <li>- No ink bleeding or feathering</li> <li>- No printing fading under normal storage</li> </ul>
<b>Certifications Required</b>	<ul style="list-style-type: none"> <li>- BSTI approval for paper quality preferred</li> <li>- ISO 9001:2015 quality certification preferred</li> </ul>
<b>VAT &amp; Tax</b>	Deduction as per Government of Bangladesh rules
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience in supplying stationery items</li> <li>- Must submit samples of previous similar work</li> </ul>

**Additional Key Quality Standards**

- Paper Smoothness → Premium offset paper for smooth, effortless writing
- Cover Design → BBF-approved, attractive, and durable printed cover
- Binding Durability → Must withstand regular training and office use
- Carton Packaging → Minimum 5-ply corrugated cartons for secure transportation

## 21. Technical Specifications for Digital Maternal Weighing Scale

<b>Item Name</b>	<b>Specifications</b>
<b>Title</b>	Digital Maternal Weighing Scale
<b>Total Quantity</b>	06 pieces
<b>Purpose</b>	For accurate weight measurement of pregnant and lactating mothers during BBF's nutrition, IYCF, and maternal health programs
<b>Type</b>	Portable digital electronic maternal weighing scale
<b>Capacity</b>	Up to 180 kg minimum
<b>Graduation / Accuracy</b>	±50 g up to 20 kg, and ±100 g up to 180 kg
<b>Display</b>	Large LCD digital display with backlight for clear visibility
<b>Measurement Units</b>	Kg / lb / st (selectable)
<b>Platform Size</b>	Minimum 350 mm × 350 mm non-slip platform
<b>Material</b>	<ul style="list-style-type: none"><li>- Platform: High-strength tempered glass or stainless steel</li><li>- Body: Durable ABS plastic housing</li></ul>
<b>Power Supply</b>	<ul style="list-style-type: none"><li>- 2 × AAA batteries or rechargeable lithium battery</li><li>- Auto power-off to save energy</li></ul>
<b>Features</b>	<ul style="list-style-type: none"><li>- High-precision G-sensor for accurate reading</li><li>- Auto-zero &amp; auto-calibration</li><li>- Overload &amp; low-battery indicator</li><li>- Anti-slip base for safety</li></ul>
<b>Operating Temperature</b>	10°C – 40°C
<b>Storage Conditions</b>	Humidity ≤85%, dust-protected
<b>Safety Standards</b>	<ul style="list-style-type: none"><li>- Medical-grade accuracy preferred</li><li>- Certified for ISO 13485 and CE compliance</li><li>- Free from harmful materials, eco-friendly housing</li></ul>
<b>Weight of Device</b>	Approx. 1.5 kg – 2.5 kg per unit
<b>Warranty</b>	Minimum 24 months on device, 12 months on battery
<b>Brand / Model</b>	Reputed international or local brand approved by BBF

<b>Item Name</b>	<b>Specifications</b>
<b>Certifications Required</b>	<ul style="list-style-type: none"> <li>- BSTI approval or equivalent</li> <li>- ISO 9001:2015 quality certification</li> <li>- CE / FDA approval preferred</li> </ul>
<b>Packaging</b>	<ul style="list-style-type: none"> <li>- Each weighing scale individually boxed with foam protection</li> <li>- Instruction manual included (Bangla &amp; English)</li> <li>- 3 units per master carton in 5-ply corrugated packaging, labeled with BBF logo, vendor name, and quantity</li> </ul>
<b>Sample Submission</b>	One sample unit must be submitted and approved before bulk supply
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Delivery Deadline</b>	Within 20 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	<p>BBF reserves the right to test supplied units for:</p> <ul style="list-style-type: none"> <li>- Accuracy calibration</li> <li>- Weight display consistency</li> <li>- Power efficiency and safety</li> <li>- Substandard devices must be replaced by the vendor at no cost</li> </ul>
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience in supplying medical and weighing equipment</li> <li>- Must provide references of previous similar supplies</li> </ul>

**Additional Key Quality Standards**

- Accuracy → High-precision G-sensor technology for medical-grade results
- Battery Life → Minimum 12 months under normal usage
- Safety → Anti-slip base, overload protection, tempered glass safety platform
- Durability → Minimum 5 years lifespan under proper maintenance
- Compliance → ISO 13485, CE-certified, RoHS-compliant

## 22. Technical Specifications for Stadiometer

Item Name	Specifications
Title	Digital / Mechanical Stadiometer
Total Quantity	03 pieces
Purpose	For accurate measurement of maternal and child height during BBF's nutrition, growth monitoring, and IYCF programs
Type	Portable digital or mechanical stadiometer ( <i>BBF-approved sample</i> )
Measuring Range	20 cm – 210 cm ( $\pm 1$ mm accuracy)
Graduation / Accuracy	- Graduation: 1 mm - Accuracy: $\pm 1$ mm up to 2 meters
Height Rod Material	High-quality anodized aluminum or medical-grade ABS plastic
Base Material	- Heavy-duty, anti-slip ABS base for stability - Platform size: 35 cm × 35 cm ( <i>minimum</i> )
Display Type	- Digital model: Large LCD screen with backlight - Mechanical model: High-contrast printed scale for easy reading
Measurement Units	Centimeters (cm) and inches (in)
Portability	Foldable or detachable rod for easy transport; lightweight $\leq 5$ kg
Power Supply ( <i>Digital Model</i> )	2 × AAA batteries or rechargeable lithium battery
Key Features	- Easy sliding headpiece - Smooth vertical movement - Lock-in-place measuring function - Auto-zero function ( <i>digital</i> )
Operating Temperature	10°C – 40°C
Safety Standards	- Medical-grade accuracy - Certified for ISO 13485 and CE compliance
Durability	Minimum 5 years lifespan under regular field use
Branding	BBF-approved logo can be printed or engraved on the base
Weight of Device	Approx. 3.5 kg – 5 kg

<b>Item Name</b>	<b>Specifications</b>
<b>Certifications Required</b>	<ul style="list-style-type: none"> <li>- BSTI approval (<i>if locally produced</i>)</li> <li>- ISO 9001:2015 quality certification</li> <li>- CE / FDA approval preferred</li> </ul>
<b>Packaging</b>	<ul style="list-style-type: none"> <li>- Each stadiometer packed in a protective foam-lined carton</li> <li>- Assembly manual included (<i>Bangla &amp; English</i>)</li> <li>- 1 unit per box; boxes must be 5-ply corrugated, moisture-resistant, labeled with BBF logo, vendor name, and quantity</li> </ul>
<b>Sample Submission</b>	One stadiometer sample must be submitted and approved before bulk supply
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Delivery Deadline</b>	Within 20 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	<p>BBF reserves the right to test supplied units for:</p> <ul style="list-style-type: none"> <li>- Measurement accuracy</li> <li>- Stability and durability</li> <li>- Ease of operation</li> <li>- Defective or substandard devices must be replaced at vendor's cost</li> </ul>
<b>Warranty</b>	Vendor must provide minimum 24 months warranty on the device
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience in supplying medical measurement devices</li> <li>- Must submit references for previous similar supplies</li> </ul>

**Additional Key Quality Standards**

- Accuracy → ±1 mm for precise anthropometric measurements
- Material Safety → Medical-grade, non-toxic components
- Durability → Must withstand field usage and frequent transportation
- Compliance → ISO 13485, CE-certified, RoHS-compliant preferred
- Carton Packaging → Minimum 5-ply corrugated boxes for safe delivery

### 23. Technical Specifications for Neonatal Digital Weighing Scale

Item Name	Specifications
<b>Title</b>	Neonatal Digital Weighing Scale
<b>Total Quantity</b>	03 pieces
<b>Purpose</b>	For accurate weight measurement of newborns, preterm, and low-birth-weight infants under BBF's maternal and child nutrition programs
<b>Type</b>	Portable digital neonatal weighing scale ( <i>BBF-approved sample</i> )
<b>Weighing Capacity</b>	Up to 20 kg minimum
<b>Graduation / Accuracy</b>	±5 g up to 10 kg, ±10 g above 10 kg
<b>Display Type</b>	Large LCD digital display with backlight for clear visibility
<b>Measurement Units</b>	Kg / g / lb / oz (selectable)
<b>Pan / Tray Size</b>	Minimum 560 mm × 300 mm with smooth curved edges for infant safety
<b>Pan / Tray Material</b>	High-quality, medical-grade ABS plastic, non-toxic, easy to clean
<b>Body Material</b>	High-strength ABS housing with anti-slip base
<b>Key Features</b>	<ul style="list-style-type: none"><li>- High-precision G-sensor technology for accurate weight</li><li>- Tare function to exclude blankets/clothes weight</li><li>- Hold function to lock stable weight reading</li><li>- Auto-zero &amp; auto-calibration</li><li>- Overload &amp; low-battery indicator</li></ul>
<b>Power Supply</b>	2 × AA batteries or rechargeable lithium battery with minimum 100 hours runtime
<b>Operating Temperature</b>	10°C – 40°C
<b>Storage Conditions</b>	Humidity ≤85%, dust-protected
<b>Safety Standards</b>	<ul style="list-style-type: none"><li>- Medical-grade accuracy</li><li>- Free from harmful substances</li><li>- Certified for ISO 13485 and CE compliance</li></ul>
<b>Weight of Device</b>	Approx. 3.5 kg – 4.5 kg

<b>Item Name</b>	<b>Specifications</b>
<b>Durability</b>	Designed for 5+ years lifespan under regular neonatal clinical usage
<b>Branding</b>	BBF-approved logo can be printed or engraved on the device if required
<b>Certifications Required</b>	<ul style="list-style-type: none"> <li>- BSTI approval (<i>if locally produced</i>)</li> <li>- ISO 9001:2015 quality certification</li> <li>- ISO 13485, CE / FDA approval preferred</li> </ul>
<b>Packaging</b>	<ul style="list-style-type: none"> <li>- Each weighing scale individually packed in shock-proof protective carton</li> <li>- Instruction manual included (<i>Bangla &amp; English</i>)</li> <li>- 1 unit per box; boxes must be 5-ply corrugated, moisture-resistant, labeled with BBF logo, vendor name, and quantity</li> </ul>
<b>Sample Submission</b>	One neonatal digital scale sample must be submitted and approved before bulk production
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Delivery Deadline</b>	Within 20 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	<p>BBF reserves the right to test supplied units for:</p> <ul style="list-style-type: none"> <li>- Weight accuracy</li> <li>- Sensor calibration</li> <li>- Battery performance</li> <li>- Substandard or defective units must be replaced at vendor's cost</li> </ul>
<b>Warranty</b>	Minimum 24 months on device and 12 months on battery
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience in supplying neonatal or medical weighing scales</li> <li>- Must submit references of previous similar supplies</li> </ul>

**Additional Key Quality Standards**

- Medical-Grade Precision → Must meet ±5 g accuracy for neonatal monitoring
- Sensor Quality → High-precision G-sensor for consistent measurement
- Pan Safety → Smooth, curved edges with anti-slip surface to ensure infant safety
- Battery Backup → Minimum 100 hours runtime with power-saving auto-off feature
- Compliance → ISO 13485, CE-certified, and RoHS-compliant

## 24. Technical Specifications for Infantometer

Item Name	Specifications
<b>Title</b>	Infantometer (Infant Length Measuring Device)
<b>Total Quantity</b>	<i>As per procurement plan</i>
<b>Purpose</b>	For accurate measurement of infant length (0–24 months) during BBF’s complementary feeding, IYCF, and child growth monitoring programs
<b>Type</b>	Portable infant length measuring device ( <i>BBF-approved sample</i> )
<b>Measuring Range</b>	0 cm to 100 cm
<b>Graduation / Accuracy</b>	Graduation: 1 mm Accuracy: ±1 mm
<b>Material</b>	High-quality, medical-grade ABS plastic or anodized aluminum, lightweight, durable, and safe for infants
<b>Base Platform Size</b>	Minimum 100 cm × 35 cm non-slip base
<b>Head &amp; Foot Sliding Piece</b>	<ul style="list-style-type: none"><li>- Adjustable smooth sliding headpiece</li><li>- Fixed foot rest for stable measurement</li><li>- Lockable mechanism to prevent misreading</li></ul>
<b>Surface Finish</b>	<ul style="list-style-type: none"><li>- Smooth, baby-safe rounded edges</li><li>- Non-toxic, anti-bacterial coating</li><li>- Easy-to-clean material</li></ul>
<b>Display Type</b>	<ul style="list-style-type: none"><li>- Manual model: High-contrast engraved markings for readability</li><li>- Digital model (optional): LCD display for quick reading</li></ul>
<b>Safety Standards</b>	<ul style="list-style-type: none"><li>- Made from non-toxic, phthalate-free, BPA-free materials</li><li>- Medical-grade safety standards compliant</li></ul>
<b>Portability</b>	Foldable or detachable for easy carrying and field usage
<b>Weight of Device</b>	Approx. 2.5 kg – 4 kg
<b>Durability</b>	Designed for 5+ years lifespan under field and clinical usage
<b>Branding</b>	BBF logo and program branding to be printed or engraved on the base as per BBF-approved design

<b>Item Name</b>	<b>Specifications</b>
<b>Certifications Required</b>	<ul style="list-style-type: none"> <li>- BSTI approval (<i>if locally produced</i>)</li> <li>- ISO 9001:2015 quality certification</li> <li>- ISO 13485, CE / FDA compliance preferred</li> </ul>
<b>Packaging</b>	<ul style="list-style-type: none"> <li>- Each infantometer individually packed in shock-proof protective carton</li> <li>- Instruction manual included (<i>Bangla &amp; English</i>)</li> <li>- 1 unit per box; boxes must be 5-ply corrugated, moisture-resistant, labeled with BBF logo, vendor name, and quantity</li> </ul>
<b>Sample Submission</b>	One infantometer sample must be submitted and approved before bulk production
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Delivery Deadline</b>	Within 20 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	<p>BBF reserves the right to test supplied units for:</p> <ul style="list-style-type: none"> <li>- Measurement accuracy</li> <li>- Smooth sliding headpiece</li> <li>- Portability &amp; durability</li> <li>- Defective or substandard devices must be replaced by the vendor at no cost</li> </ul>
<b>Warranty</b>	Minimum 24 months warranty on device
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience in supplying infant measuring devices</li> <li>- Must submit references of previous similar supplies</li> </ul>

**Additional Key Quality Standards**

- Medical-Grade Precision → ±1 mm accuracy for infants 0–24 months
- Safety → BPA-free, phthalate-free, smooth rounded corners for infant comfort
- Portability → Foldable or detachable for easy field use
- Compliance → ISO 13485, CE-certified, and RoHS-compliant
- Carton Packaging → Minimum 5-ply corrugated cartons for safe delivery

## 25. Technical Specifications for Measuring Tape

Item Name	Specifications
Title	Flexible Measuring Tape
Total Quantity	06 pieces
Purpose	For anthropometric measurements of mothers, infants, and children during BBF's nutrition, IYCF, and growth monitoring programs
Type	Medical-grade flexible, non-stretchable measuring tape ( <i>BBF-approved sample</i> )
Measuring Range	Minimum 150 cm ( $\pm 1$ mm accuracy)
Graduation / Accuracy	- Graduation: 1 mm - Accuracy: $\pm 1$ mm
Material	High-quality medical-grade PVC-coated fiberglass or non-stretchable polyester
Width	15 mm $\pm$ 1 mm for easy reading
Printing	- Dual-sided scale with centimeters (cm) on one side and inches (in) on the other - High-contrast, laser-printed markings for durability
Scale Color	White / light yellow background with black printed measurements ( <i>BBF-approved sample</i> )
Design Features	- Non-stretchable, tear-resistant material - Rounded edges for user comfort - Corrosion-resistant metal tip on both ends
Readability	Clear, large numeric markings for easy visibility
Durability	Minimum 3 years lifespan under frequent field use
Hygiene & Safety	- Fully washable and quick-drying - Non-toxic, eco-friendly coating - Safe for infant and maternal use
Branding	BBF logo and program name can be printed or embossed on the tape as per BBF-approved design
Weight	Approx. 15 g – 25 g per tape

<b>Item Name</b>	<b>Specifications</b>
<b>Certifications Required</b>	<ul style="list-style-type: none"> <li>- BSTI approval (<i>if locally produced</i>)</li> <li>- ISO 9001:2015 quality certification preferred</li> </ul>
<b>Packaging</b>	<ul style="list-style-type: none"> <li>- Each tape individually packed in a transparent protective pouch</li> <li>- 50 tapes per inner box</li> <li>- 100 tapes per master carton</li> <li>- Cartons must be 5-ply corrugated, moisture-resistant, labeled with BBF logo, vendor name, and quantity</li> </ul>
<b>Sample Submission</b>	One measuring tape sample must be submitted and approved before bulk production
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Delivery Deadline</b>	Within 15 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	<p>BBF reserves the right to test supplied tapes for:</p> <ul style="list-style-type: none"> <li>- Accuracy calibration</li> <li>- Durability of printing</li> <li>- Non-stretchability</li> <li>- Defective or substandard products must be replaced by the vendor at no cost</li> </ul>
<b>Warranty</b>	<p>Vendor must guarantee:</p> <ul style="list-style-type: none"> <li>- No stretching</li> <li>- No peeling of printed markings</li> <li>- Minimum 24 months durability under normal use</li> </ul>
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience in supplying medical measuring tools</li> <li>- Must submit samples of previous similar work</li> </ul>

**Additional Key Quality Standards**

- Medical-Grade Precision → ±1 mm accuracy for anthropometric measurements
- Material Quality → Durable, washable, non-stretchable, lightweight PVC-coated fiberglass
- Marking Durability → Laser-printed, scratch-proof, and long-lasting scale
- Compliance → ISO 9001:2015 and RoHS-compliant preferred
- Carton Packaging → Minimum 5-ply corrugated cartons for safe delivery

## 26. Technical Specifications for Pediatric Digital Weighing Scale

Item Name	Specifications
Title	Pediatric Digital Weighing Scale
Total Quantity	06 pieces
Purpose	For accurate weight measurement of infants and children up to 5 years during BBF's nutrition, growth monitoring, and IYCF programs
Type	Portable digital pediatric weighing scale ( <i>BBF-approved sample</i> )
Weighing Capacity	Up to 60 kg minimum
Graduation / Accuracy	±5 g up to 20 kg ±10 g up to 40 kg ±50 g up to 60 kg
Display Type	Large LCD digital display with backlight for better visibility
Measurement Units	Kg / g / lb / oz (selectable)
Platform Size	Minimum 350 mm × 450 mm non-slip platform for safe child placement
Pan / Tray	Removable curved baby tray for infants ( <i>minimum size: 560 mm × 300 mm</i> )
Material	- Platform / Tray: High-quality medical-grade ABS plastic, smooth and non-toxic - Body: High-strength ABS housing with anti-slip base
Key Features	- High-precision G-sensor technology for accurate weight reading - Tare function to exclude blanket/clothing weight - Hold function to lock stable readings - Auto-zero and auto-calibration - Overload and low-battery indicators
Power Supply	- 2 × AA batteries or rechargeable lithium battery - Minimum 100 hours runtime
Operating Temperature	10°C – 40°C
Storage Conditions	Humidity ≤85%, dust-protected

<b>Item Name</b>	<b>Specifications</b>
<b>Safety Standards</b>	<ul style="list-style-type: none"> <li>- Certified medical-grade accuracy</li> <li>- Non-toxic, BPA-free, and safe for infants</li> <li>- Compliant with ISO 13485 and CE standards</li> </ul>
<b>Weight of Device</b>	Approx. 3.5 kg – 5 kg
<b>Durability</b>	Designed for 5+ years lifespan under clinical and field usage
<b>Branding</b>	BBF logo and program branding can be printed or engraved on the device
<b>Certifications Required</b>	<ul style="list-style-type: none"> <li>- BSTI approval (<i>if locally produced</i>)</li> <li>- ISO 9001:2015 quality certification</li> <li>- ISO 13485, CE / FDA compliance preferred</li> </ul>
<b>Packaging</b>	<ul style="list-style-type: none"> <li>- Each pediatric scale individually packed in shock-proof protective carton</li> <li>- Instruction manual included (<i>Bangla &amp; English</i>)</li> <li>- 1 unit per box; boxes must be 5-ply corrugated, moisture-resistant, labeled with BBF logo, vendor name, and quantity</li> </ul>
<b>Sample Submission</b>	One pediatric digital scale sample must be submitted and approved before bulk production
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Delivery Deadline</b>	Within 20 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	<p>BBF reserves the right to test supplied units for:</p> <ul style="list-style-type: none"> <li>- Weight accuracy</li> <li>- Sensor calibration</li> <li>- Battery performance</li> <li>- Defective or substandard units must be replaced at vendor’s cost</li> </ul>
<b>Warranty</b>	Minimum 24 months on device and 12 months on battery
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience in supplying pediatric or medical weighing scales</li> <li>- Must submit references of previous similar supplies</li> </ul>

**Additional Key Quality Standards**

- Medical-Grade Precision → Must provide  $\pm 5$  g accuracy for pediatric monitoring
- Sensor Technology → High-precision G-sensor for consistent results
- Tray Safety → Removable infant tray with smooth curved edges for baby safety
- Battery Life → Minimum 100 hours runtime with auto power-off feature

## 27. Technical Specifications for Head Circumference Measuring Tape

Item Name	Specifications
<b>Title</b>	Head Circumference Measuring Tape
<b>Total Quantity</b>	06 pieces
<b>Purpose</b>	For accurate measurement of head circumference of infants and children during BBF's nutrition, IYCF, and growth monitoring programs
<b>Type</b>	Medical-grade flexible, non-stretchable measuring tape ( <i>BBF-approved sample</i> )
<b>Measuring Range</b>	0 cm to 50 cm ( <i>minimum</i> )
<b>Graduation / Accuracy</b>	- Graduation: 1 mm - Accuracy: $\pm 1$ mm
<b>Material</b>	High-quality medical-grade PVC-coated fiberglass or non-stretchable polyester
<b>Width</b>	15 mm $\pm$ 1 mm for easy visibility and accuracy
<b>Printing</b>	- Dual-sided measurement marking - Centimeters (cm) and inches (in) - High-contrast laser-printed markings for long-lasting durability
<b>Scale Color</b>	White / soft yellow background with black printed measurements ( <i>BBF-approved sample</i> )
<b>Design Features</b>	- Flexible yet non-stretchable material - Smooth rounded edges for infant safety - Ergonomic sliding lock system for securing circumference readings - Easy one-hand operation
<b>Readability</b>	Bold, large numerical markings for clear visibility
<b>Durability</b>	Minimum 3 years lifespan under frequent clinical and field use
<b>Hygiene &amp; Safety</b>	- Fully washable, quick-drying, and reusable - Non-toxic, eco-friendly coating - Suitable for infants and children

<b>Item Name</b>	<b>Specifications</b>
<b>Branding</b>	BBF logo and program name can be printed or embossed on the tape as per BBF-approved design
<b>Weight</b>	Approx. 15 g – 20 g per tape
<b>Certifications Required</b>	<ul style="list-style-type: none"> <li>- BSTI approval (<i>if locally produced</i>)</li> <li>- ISO 9001:2015 quality certification preferred</li> </ul>
<b>Packaging</b>	<ul style="list-style-type: none"> <li>- Each head circumference tape individually packed in a protective plastic pouch</li> <li>- 50 tapes per inner box</li> <li>- 100 tapes per master carton</li> <li>- Cartons must be 5-ply corrugated, moisture-resistant, labeled with BBF logo, vendor name, and quantity</li> </ul>
<b>Sample Submission</b>	One head circumference measuring tape sample must be submitted and approved before bulk production
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Delivery Deadline</b>	Within 15 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	<p>BBF reserves the right to test supplied tapes for:</p> <ul style="list-style-type: none"> <li>- Measurement accuracy</li> <li>- Marking durability</li> <li>- Non-stretchability</li> <li>- Defective or substandard products must be replaced at vendor's cost</li> </ul>
<b>Warranty</b>	<p>Vendor must guarantee:</p> <ul style="list-style-type: none"> <li>- No stretching or distortion</li> <li>- No fading of printed markings</li> <li>- Minimum 24 months durability under normal usage</li> </ul>
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience in supplying medical measuring tools</li> <li>- Must submit samples of previous similar work</li> </ul>

**Additional Key Quality Standards**

- Medical-Grade Precision →  $\pm 1$  mm accuracy for infants and children
- Material Quality → Washable, flexible, non-stretchable, durable PVC-coated fiberglass
- Laser-Printed Markings → Scratch-proof and long-lasting
- Infant-Safe Design → Rounded edges, soft flexible tape, secure locking system
- Compliance → ISO 9001:2015 and RoHS-compliant preferred
- Carton Packaging → Minimum 5-ply corrugated cartons for secure delivery

## 28. Technical Specifications for MUAC Tape

Item Name	Specifications
<b>Title</b>	MUAC Tape (Mid-Upper Arm Circumference Measuring Tape)
<b>Total Quantity</b>	06 pieces
<b>Purpose</b>	For assessing nutritional status of children aged 6–59 months, adolescents, and mothers during BBF’s nutrition, IYCF, and growth monitoring programs
<b>Type</b>	Medical-grade, flexible, non-stretchable MUAC measuring tape ( <i>BBF-approved sample</i> )
<b>Measuring Range</b>	0 cm to 35 cm ( <i>suitable for infants, children, and mothers</i> )
<b>Graduation / Accuracy</b>	- Graduation: 1 mm - Accuracy: $\pm 1$ mm
<b>Material</b>	High-quality medical-grade, non-stretchable PVC-coated fiberglass or polypropylene
<b>Width</b>	25 mm $\pm$ 1 mm for easy reading and visibility
<b>Printing</b>	- Dual-scale markings: centimeters (cm) and color-coded nutritional zones - Laser-printed for long-lasting readability
<b>Color-Coded Zones</b>	Must include standard WHO/UNICEF color codes for nutritional assessment: - Green Zone $\rightarrow$ Normal nutrition ( $\geq 12.5$ cm) - Yellow Zone $\rightarrow$ Moderate malnutrition (11.5 cm – 12.4 cm) - Red Zone $\rightarrow$ Severe malnutrition ( $< 11.5$ cm)
<b>Scale Color</b>	White / light yellow background with bold black markings ( <i>BBF-approved sample</i> )
<b>Design Features</b>	- Flexible, soft, and infant-safe material - Non-stretchable for accurate measurements - Rounded edges to prevent injury - Push-button lock system for quick and secure readings
<b>Readability</b>	Clear, large numeric markings for easy field usage
<b>Durability</b>	Minimum 3 years lifespan under frequent clinical and field use

<b>Item Name</b>	<b>Specifications</b>
<b>Hygiene &amp; Safety</b>	<ul style="list-style-type: none"> <li>- Fully washable and quick-drying</li> <li>- Non-toxic, eco-friendly coating</li> <li>- Safe for infants, children, and mothers</li> </ul>
<b>Branding</b>	BBF logo and program name can be printed or embossed on the tape as per BBF-approved design
<b>Weight</b>	Approx. 10 g – 15 g per tape
<b>Certifications Required</b>	<ul style="list-style-type: none"> <li>- BSTI approval (<i>if locally produced</i>)</li> <li>- ISO 9001:2015 quality certification preferred</li> <li>- Must follow WHO/UNICEF MUAC standard design guidelines</li> </ul>
<b>Packaging</b>	<ul style="list-style-type: none"> <li>- Each MUAC tape individually packed in a transparent protective pouch</li> <li>- 50 tapes per inner box</li> <li>- 100 tapes per master carton</li> <li>- Cartons must be 5-ply corrugated, moisture-resistant, labeled with BBF logo, vendor name, and quantity</li> </ul>
<b>Sample Submission</b>	One MUAC tape sample must be submitted and approved before bulk production
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Delivery Deadline</b>	Within 15 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	<p>BBF reserves the right to test supplied tapes for:</p> <ul style="list-style-type: none"> <li>- Measurement accuracy</li> <li>- Color-coded zone consistency</li> <li>- Marking durability</li> <li>- Defective or substandard products must be replaced at vendor's cost</li> </ul>
<b>Warranty</b>	<p>Vendor must guarantee:</p> <ul style="list-style-type: none"> <li>- No stretching or deformation</li> <li>- No fading of printed markings or color codes</li> <li>- Minimum 24 months durability under normal usage</li> </ul>

<b>Item Name</b>	<b>Specifications</b>
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience in supplying WHO/UNICEF-approved MUAC tapes</li> <li>- Must submit references of previous similar work</li> </ul>

**Additional Key Quality Standards**

- WHO/UNICEF Design Compliance → Must strictly follow international MUAC specifications
- Medical-Grade Material → Soft, flexible, non-toxic, and washable
- Color Accuracy → Red, Yellow, Green zones must match WHO-approved color codes
- Laser Printing → Scratch-proof, waterproof, and long-lasting
- Carton Packaging → Minimum 5-ply corrugated cartons for safe transportation

## 29. Technical Specifications for WHO Growth Charts & Software

Item Name	Specifications
<b>Title</b>	WHO Growth Charts & Software Package
<b>Total Quantity</b>	03 complete sets
<b>Purpose</b>	To assess and monitor child growth, nutritional status, and BMI-for-age using WHO growth standards under BBF's nutrition and IYCF programs
<b>Components Required</b>	Each set must include: A. WHO Growth Chart Booklets (Printed) B. WHO Anthro Software (Digital) C. WHO Reference Tables
<b>A. WHO Growth Chart Booklets</b>	
<b>Age Groups Covered</b>	- Birth to 5 years - 5 years to 19 years
<b>Chart Types</b>	Must include WHO-recommended growth standards: - Weight-for-age (WFA) - Height/Length-for-age (HFA) - Weight-for-length/height (WFH/WFHT) - BMI-for-age - Head circumference-for-age - MUAC-for-age ( <i>if available</i> )
<b>Format &amp; Size</b>	- Booklet size: A3 foldable charts or A4 booklet ( <i>BBF-approved sample</i> ) - High-quality offset printing, 4-color (CMYK)
<b>Paper Quality</b>	- Inner pages: 200 GSM art card - Cover: 300 GSM laminated art card
<b>Printing Quality</b>	- Four-color offset printing - WHO color codes, fonts, and scales strictly maintained - UV-protected, scratch-proof lamination
<b>B. WHO Anthro Software</b>	
<b>Version</b>	Latest WHO Anthro v3.2.2 ( <i>or latest official release</i> )
<b>Functionality</b>	- Compatible with Windows 10/11 and macOS - Generates Z-scores for WFA, HFA, WFH/WFHT, and BMI-

<b>Item Name</b>	<b>Specifications</b>
	for-age - Supports child-level and batch data entry - Graphical visualization of growth curves - CSV/XLS export feature
<b>License Type</b>	Lifetime license with free updates ( <i>official WHO package</i> )
<b>C. WHO Reference Tables</b>	
<b>Content</b>	- WHO-approved tables of Z-score cut-offs for underweight, stunting, wasting, overweight, and obesity
<b>Material</b>	Laminated for durability, suitable for clinical & field usage
<b>Branding</b>	WHO-approved design, BBF logo can be co-branded on booklets upon WHO consent
<b>Language</b>	English version required; Bangla version preferred if available
<b>Safety &amp; Accuracy</b>	WHO-approved anthropometric growth standards must be used without any deviation
<b>Packaging</b>	- Each set must include: 1 × Growth Chart Booklet (Birth–5 years) 1 × Growth Chart Booklet (5–19 years) 1 × WHO Anthro Software Installer (CD/USB + digital download) 1 × Reference Table Set (laminated) - Delivered in sturdy protective packaging
<b>Sample Submission</b>	One full set of WHO Growth Charts & Software must be submitted and approved before bulk procurement
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Delivery Deadline</b>	Within 25 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	BBF reserves the right to verify: - WHO authenticity

<b>Item Name</b>	<b>Specifications</b>
	<ul style="list-style-type: none"> <li>- Printing quality and chart accuracy</li> <li>- Software license validity</li> </ul>
<b>Certifications Required</b>	<ul style="list-style-type: none"> <li>- WHO-authenticated charts and software</li> <li>- Vendor must supply official authorization (if third-party distributor)</li> </ul>
<b>Warranty</b>	Lifetime warranty on WHO Anthro software license and 24 months warranty on printed materials
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience supplying WHO-approved materials</li> <li>- Must submit references of previous similar work</li> </ul>

**Additional Key Quality Standards**

- WHO-Approved Content → Must exactly match WHO standards
- High-Quality Printing → UV-protected, laminated, and durable booklets
- Software Validity → Must provide official WHO Anthro package
- Compatibility → Must work on Windows 10/11, macOS, and export CSV/XLS reports
- Carton Packaging → Each set individually packed, moisture-resistant 5-ply corrugated cartons

### 30. Technical Specifications for Blood Collection Kits

Item Name	Specifications
<b>Title</b>	Blood Collection Kits
<b>Total Quantity</b>	600 complete kits
<b>Purpose</b>	For safe and sterile venous and capillary blood collection during BBF's maternal, infant, and biochemical monitoring studies
<b>Kit Composition (Minimum)</b>	<p>Each kit must include the following items:</p> <p>A. Blood Collection Tubes (Vacutainer):</p> <ul style="list-style-type: none"> <li>• EDTA Tube – 2 ml × 1 pc</li> <li>• Serum Separator Tube (SST) – 5 ml × 1 pc</li> <li>• Fluoride Tube – 2 ml × 1 pc</li> </ul> <p>B. Needle &amp; Holder Set: Sterile, disposable</p> <ul style="list-style-type: none"> <li>• Safety multi-sample needle – 21G × 1 pc</li> <li>• Needle holder / hub × 1 pc</li> </ul> <p>C. Alcohol Swab: 70% isopropyl alcohol-based, individually sealed, sterile × 1 pc</p> <p>D. Tourniquet: Non-latex, elastic, reusable × 1 pc</p> <p>E. Cotton Ball / Gauze: Sterile, 2 gm cotton or gauze swab × 1 pc</p> <p>F. Gloves: Nitrile / latex, powder-free, non-sterile × 1 pair</p> <p>G. Bandage / Micropore Tape: Hypoallergenic × 1 pc</p> <p>H. Biohazard Bag: Self-sealing, labeled, minimum size 6" × 8" × 1 pc</p>
<b>Tube Specifications</b>	<ul style="list-style-type: none"> <li>- Material: Medical-grade PET or glass</li> <li>- Vacuum pre-dosed for proper volume</li> <li>- Color-coded stoppers per WHO/CLSI standards</li> <li>- Expiry: Minimum 24 months from delivery</li> </ul>
<b>Needle Specifications</b>	<ul style="list-style-type: none"> <li>- Stainless steel, medical-grade, silicon-coated</li> <li>- Gauge: 21G / 22G</li> <li>- Sterile, single-use, safety-capped</li> </ul>
<b>Alcohol Swabs</b>	<ul style="list-style-type: none"> <li>- 70% IPA pre-saturated, sterile, lint-free</li> <li>- Individually foil-packed</li> </ul>
<b>Gloves</b>	<ul style="list-style-type: none"> <li>- Material: Nitrile / latex, powder-free</li> <li>- Sizes: S / M / L as per BBF requirements</li> <li>- Single-use, non-sterile</li> </ul>
<b>Tourniquet</b>	<ul style="list-style-type: none"> <li>- Non-latex, elastic, reusable, 15 mm width × 450 mm length</li> </ul>

<b>Item Name</b>	<b>Specifications</b>
<b>Biohazard Bag</b>	<ul style="list-style-type: none"> <li>- Transparent, leak-proof, 5-ply PE</li> <li>- Marked with biohazard label</li> </ul>
<b>Safety Standards</b>	<ul style="list-style-type: none"> <li>- Sterile and pyrogen-free</li> <li>- Non-toxic and BPA-free materials</li> <li>- Conforms to WHO/CLSI, ISO 13485 and CE standards</li> </ul>
<b>Packaging</b>	<ul style="list-style-type: none"> <li>- Each kit individually packed in a sterile pouch</li> <li>- 20 kits per inner box</li> <li>- 100 kits per 5-ply corrugated master carton</li> <li>- Clearly labeled with BBF logo, vendor name, lot number, manufacturing date, and expiry</li> </ul>
<b>Sample Submission</b>	One complete blood collection kit sample must be submitted and approved before bulk production
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Delivery Deadline</b>	Within 30 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	<p>BBF reserves the right to test random samples for:</p> <ul style="list-style-type: none"> <li>- Tube vacuum integrity</li> <li>- Needle sterility</li> <li>- Swab alcohol concentration</li> <li>- Leakage &amp; labeling consistency</li> <li>- Any defective kits must be replaced at vendor's cost</li> </ul>
<b>Warranty</b>	<p>Vendor must guarantee:</p> <ul style="list-style-type: none"> <li>- Minimum 24 months shelf life</li> <li>- Proper sterility</li> <li>- Zero leakage or contamination risk</li> </ul>
<b>Certifications Required</b>	<ul style="list-style-type: none"> <li>- BSTI approval (<i>if locally produced</i>)</li> <li>- ISO 9001:2015 and ISO 13485 medical device certification</li> <li>- CE / FDA compliance preferred</li> </ul>
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience supplying WHO-compliant blood collection kits</li> <li>- Must provide evidence of similar previous supplies</li> </ul>

### **Additional Key Quality Standards**

- Sterility → All kits must be EO/Gamma sterilized and pyrogen-free
- Color-Coded Tubes → Must strictly follow WHO/CLSI standards
- Leak-Proof Design → Secure sealing, tested against spillage
- Biohazard Safety → Bags must comply with WHO infection control protocols
- Carton Packaging → Minimum 5-ply corrugated boxes for safe transport

### 31. Technical Specifications for Laboratory Centrifuge Machine

Item Name	Specifications
<b>Title</b>	Laboratory Centrifuge Machine
<b>Total Quantity</b>	03 pieces
<b>Purpose</b>	For separation of serum, plasma, and biological samples during BBF's maternal, infant, and nutritional biomarker analysis
<b>Type</b>	Benchtop, high-speed digital centrifuge ( <i>BBF-approved sample</i> )
<b>Rotor Type</b>	Fixed-angle rotor / swing-out rotor ( <i>interchangeable preferred</i> )
<b>Capacity</b>	12 × 10 ml tubes minimum per run ( <i>compatible with standard vacutainers: EDTA, SST, Fluoride</i> )
<b>Max Speed</b>	≥5000 RPM ( <i>adjustable</i> )
<b>RCF (Relative Centrifugal Force)</b>	Minimum ≥4000 × g
<b>Speed Control</b>	Digital variable speed control with ±50 RPM precision
<b>Timer Range</b>	Programmable 0–99 minutes
<b>Display</b>	High-contrast digital LCD display showing speed, RCF, and time
<b>Temperature Control (Optional)</b>	Ambient +5°C to 40°C ( <i>for advanced model</i> )
<b>Noise Level</b>	≤ 55 dB for quiet operation
<b>Safety Features</b>	<ul style="list-style-type: none"><li>- Automatic lid-locking system</li><li>- Imbalance detection</li><li>- Over-speed protection</li><li>- Emergency stop function</li></ul>
<b>Tube Compatibility</b>	<ul style="list-style-type: none"><li>- 2 ml, 5 ml, and 10 ml standard vacutainer tubes</li><li>- Rotor adapters included for variable tube sizes</li></ul>
<b>Material</b>	<ul style="list-style-type: none"><li>- Rotor: High-strength aluminum alloy / carbon composite</li><li>- Body: ABS housing with anti-corrosion coating</li></ul>
<b>Power Supply</b>	220V ±10%, 50/60 Hz, single-phase, ≤300W

<b>Item Name</b>	<b>Specifications</b>
<b>Operating Environment</b>	Temperature: 10°C – 40°C Humidity: ≤85%, non-condensing
<b>Certifications Required</b>	- ISO 9001:2015 quality certification - ISO 13485 medical device certification - CE / IVD compliant preferred
<b>Accessories Included</b>	- Fixed-angle rotor / swing rotor - Tube adapters for multiple tube sizes - Power cable & fuse - User manual ( <i>Bangla &amp; English</i> )
<b>Packaging</b>	- Each centrifuge machine individually packed in shock-proof, foam-lined protective carton - Minimum 5-ply corrugated master carton with BBF logo, vendor name, model number, and quantity
<b>Sample Submission</b>	One centrifuge sample ( <i>or equivalent model brochure</i> ) must be submitted and approved before final procurement
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Delivery Deadline</b>	Within 30 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	BBF reserves the right to test supplied machines for: - Speed accuracy - Sample balancing - Rotor stability and safety features - Any defective or substandard machines must be replaced at vendor's cost
<b>Warranty</b>	Minimum 24 months warranty on device and 12 months on rotor assembly
<b>Vendor Qualification</b>	- Valid Trade License - VAT/BIN & TIN Certificate - Minimum 3 years experience supplying laboratory centrifuge machines - Must submit references of previous similar supplies

### **Additional Key Quality Standards**

- Digital Control → LCD-based digital timer, RCF, and speed adjustment
- Rotor Safety → Automatic lid-lock and imbalance detection system
- Durability → Rust-proof, heavy-duty housing for lab environments
- Low Noise →  $\leq 55$  dB for safe lab use
- Compliance → Must follow ISO, CE, IVD medical device standards

### 32. Technical Specifications for Digital Hemoglobinometer

Item Name	Specifications
<b>Title</b>	Portable Digital Hemoglobinometer
<b>Total Quantity</b>	03 pieces
<b>Purpose</b>	For quantitative measurement of hemoglobin levels in maternal, pediatric, and nutritional health studies under BBF
<b>Type</b>	Portable, digital, microcuvette-based hemoglobinometer ( <i>BBF-approved sample</i> )
<b>Measurement Method</b>	Photometric, cyanmethemoglobin / azidemethemoglobin / microcuvette-based method ( <i>WHO-approved</i> )
<b>Measuring Range</b>	1.0 g/dL to 25.0 g/dL
<b>Accuracy</b>	±0.2 g/dL or better
<b>Sample Volume</b>	Minimum 10 µL – 20 µL capillary or venous blood
<b>Display</b>	Large, high-contrast LCD digital display
<b>Result Time</b>	≤15 seconds per test
<b>Calibration</b>	Automatic self-calibration before each reading
<b>Data Storage</b>	Minimum 1000 test results memory, downloadable via USB (optional)
<b>Printer Compatibility (Optional)</b>	Support for external thermal printer preferred
<b>Power Supply</b>	Rechargeable Li-ion battery and/or 2 × AA batteries, USB charging supported
<b>Battery Backup</b>	Minimum 8–10 hours continuous operation (≥1000 tests per charge)
<b>Operating Conditions</b>	Temperature: 15°C – 35°C Humidity: ≤85%, non-condensing
<b>Safety Standards</b>	- CE-certified medical device - Conforms to ISO 13485, ISO 15197, and WHO recommendations - Non-toxic, biocompatible materials
<b>Included Accessories (Per Unit)</b>	- 1 × Main device - 50 × Disposable microcuvettes (starter pack)

<b>Item Name</b>	<b>Specifications</b>
	<ul style="list-style-type: none"> <li>- 1 × Control solution set</li> <li>- 1 × Lancing device with 50 lancets</li> <li>- 1 × Power adapter and USB cable</li> <li>- 1 × User manual (<i>Bangla &amp; English</i>)</li> </ul>
<b>Consumables Required</b>	Compatible microcuvettes, control solutions, and lancets must be easily available in local market
<b>Packaging</b>	<ul style="list-style-type: none"> <li>- Each device individually packed in a shock-proof protective carton</li> <li>- Minimum 5-ply corrugated master carton</li> <li>- Clearly labeled with BBF logo, vendor name, model, and quantity</li> </ul>
<b>Sample Submission</b>	One hemoglobinometer sample must be submitted and approved before final procurement
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Delivery Deadline</b>	Within 30 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	<p>BBF reserves the right to test supplied devices for:</p> <ul style="list-style-type: none"> <li>- Hemoglobin measurement accuracy</li> <li>- Calibration efficiency</li> <li>- Battery performance</li> <li>- Defective or substandard devices must be replaced at vendor's cost</li> </ul>
<b>Warranty</b>	Minimum 24 months warranty on device and 12 months on battery
<b>Certifications Required</b>	<ul style="list-style-type: none"> <li>- ISO 9001:2015 &amp; ISO 13485 medical device certification</li> <li>- CE / FDA compliance preferred</li> <li>- WHO-recommended technology certification preferred</li> </ul>
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience supplying medical diagnostic equipment</li> <li>- Must submit references of previous similar supplies</li> </ul>

### **Additional Key Quality Standards**

- High Accuracy →  $\pm 0.2$  g/dL deviation maximum
- Low Sample Requirement → Ideal for field surveys and community clinics
- Fast Result Output →  $\leq 15$  seconds per test
- Portable & Rechargeable → Long battery life with USB charging
- Compliance → Must follow WHO-recommended methods and ISO 13485 standards

### 33. Technical Specifications for Laboratory Freezers (-20°C / -80°C)

Item Name	Specifications
<b>Title</b>	Laboratory Freezer (-20°C / -80°C)
<b>Total Quantity</b>	03 pieces
<b>Purpose</b>	For safe storage of serum, plasma, blood, breast milk, and other biological samples for BBF research and nutrition projects
<b>Type</b>	Upright / Horizontal deep freezer ( <i>BBF-approved sample</i> )
<b>Temperature Range</b>	<ul style="list-style-type: none"> <li>• Standard Freezer: -20°C ±2°C</li> <li>• Ultra-Low Freezer: -80°C ±5°C</li> </ul>
<b>Temperature Accuracy</b>	±1°C stability with uniform internal distribution
<b>Temperature Control</b>	Digital microprocessor-based control system with LED/LCD display
<b>Capacity</b>	Minimum 250–300 liters for -20°C freezer Minimum 300–400 liters for -80°C freezer
<b>Cooling System</b>	Forced-air circulation system for uniform temperature distribution
<b>Refrigerant</b>	CFC-free, HCFC-free, eco-friendly refrigerant
<b>Compressor</b>	Heavy-duty, energy-efficient compressor for continuous operation
<b>Insulation</b>	High-density polyurethane foam (PUF) insulation, ≥100 mm
<b>Temperature Monitoring</b>	<ul style="list-style-type: none"> <li>• Digital temperature display</li> <li>• Alarm for temperature deviation</li> <li>• High/low temperature visual and audio alert</li> </ul>
<b>Safety Features</b>	<ul style="list-style-type: none"> <li>- Over-temperature and low-temperature alarms</li> <li>- Door-open alarm</li> <li>- Power failure alarm</li> <li>- Lockable door for sample security</li> </ul>
<b>Power Supply</b>	220V ±10%, 50 Hz, single-phase
<b>Backup Power (<i>Preferred</i>)</b>	Compatible with UPS / generator backup system
<b>Construction Material</b>	<ul style="list-style-type: none"> <li>- Internal Chamber: Medical-grade stainless steel</li> <li>- External Body: Powder-coated, corrosion-resistant steel</li> </ul>

<b>Item Name</b>	<b>Specifications</b>
<b>Door Type</b>	Solid insulated, tight-sealing, lockable door to maintain stable temperature
<b>Shelving System</b>	Adjustable, removable stainless-steel racks for better organization
<b>Noise Level</b>	≤55 dB for quiet lab environment
<b>Data Logging &amp; Connectivity (Optional)</b>	<ul style="list-style-type: none"> <li>- Built-in USB data logger</li> <li>- Compatible with external monitoring system</li> <li>- 7-day temperature record storage</li> </ul>
<b>Certifications Required</b>	<ul style="list-style-type: none"> <li>- ISO 9001:2015 and ISO 13485 certification</li> <li>- CE / IVD compliance mandatory</li> <li>- Must meet WHO laboratory freezer specifications</li> </ul>
<b>Accessories Included</b>	<ul style="list-style-type: none"> <li>- Power cord and plug</li> <li>- User manual (<i>Bangla &amp; English</i>)</li> <li>- Spare fuses, door lock keys, and temperature calibration certificate</li> </ul>
<b>Packaging</b>	<ul style="list-style-type: none"> <li>- Each freezer individually packed in shock-proof, foam-lined protective wooden crate</li> <li>- Minimum 7-ply export-grade corrugated outer carton</li> <li>- Must include BBF logo, vendor name, model number, and quantity</li> </ul>
<b>Sample Submission</b>	Product brochure and one demo unit ( <i>if requested</i> ) must be submitted and approved before procurement
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Delivery Deadline</b>	Within 45 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	<p>BBF reserves the right to test supplied freezers for:</p> <ul style="list-style-type: none"> <li>- Temperature accuracy</li> <li>- Alarm functionality</li> <li>- Power efficiency and stability</li> <li>- Any defective or substandard units must be replaced by the vendor at no cost</li> </ul>
<b>Warranty</b>	Minimum 24 months warranty on device and 5 years warranty on compressor

**Item Name****Specifications****Vendor Qualification**

- Valid Trade License
- VAT/BIN & TIN Certificate
- Minimum 3 years experience supplying medical-grade laboratory freezers
- Must submit references of previous similar supplies

**Additional Key Quality Standards**

- Temperature Stability →  $\pm 1^{\circ}\text{C}$  fluctuation maximum
- Ultra-Low Freezer → Must ensure long-term sample integrity
- Safety System → Triple alarm for temperature deviation, power failure & door open
- Energy Efficiency → Low power consumption, CFC-free refrigerant
- Compliance → Must meet WHO, ISO 13485, and CE standards

### 34. Technical Specifications for Ice Boxes & Dry Ice Packs

Item Name	Specifications
<b>Title</b>	Ice Box with Dry Ice Packs
<b>Total Quantity</b>	06 complete sets
<b>Purpose</b>	For cold chain maintenance during collection, temporary storage, and transportation of biological samples (blood, plasma, serum, breast milk, etc.) under BBF's research and nutrition projects
<b>Type</b>	Portable insulated ice box with reusable dry ice packs
<b>Box Capacity</b>	Minimum 25 liters per box ( <i>BBF-approved sample</i> )
<b>External Dimensions</b>	Approx. 500 mm × 350 mm × 350 mm ( <i>±10 mm tolerance</i> )
<b>Material</b>	<ul style="list-style-type: none"><li>- Outer body: High-impact HDPE / ABS plastic</li><li>- Inner chamber: Food-grade, medical-safe PP/PU insulation</li></ul>
<b>Insulation</b>	High-density polyurethane (PUF) ≥35 mm thickness, ≥0.030 W/m·K thermal conductivity
<b>Temperature Holding Capacity</b>	Must maintain 2°C to 8°C for minimum 24 hours ( <i>with 4 fully frozen ice packs</i> )
<b>Dry Ice Packs</b>	<ul style="list-style-type: none"><li>- Minimum 4 reusable dry ice packs per box</li><li>- Material: HDPE leak-proof sealed packs</li><li>- Capacity per pack: 400 ml – 500 ml</li><li>- Non-toxic, food-grade, long-lasting cooling</li></ul>
<b>Cooling Duration</b>	Minimum 24 hours at ambient temperature of 30°C
<b>Lid Design</b>	<ul style="list-style-type: none"><li>- Air-tight sealing gasket</li><li>- Secure locking latch</li><li>- Easy-open ergonomic handle</li></ul>
<b>Handles &amp; Portability</b>	<ul style="list-style-type: none"><li>- Foldable ergonomic handles on both sides</li><li>- Lightweight design, ≤4 kg without ice packs</li></ul>
<b>Safety Features</b>	<ul style="list-style-type: none"><li>- Non-toxic and food-grade materials</li><li>- Easy-to-clean smooth inner surface</li><li>- Chemical-free cooling packs</li></ul>

<b>Item Name</b>	<b>Specifications</b>
<b>Temperature Monitoring (Preferred)</b>	Built-in analog/digital thermometer to display internal temperature
<b>Stackability</b>	Must allow safe stacking during storage and transport
<b>Certifications Required</b>	<ul style="list-style-type: none"> <li>- WHO PQS (Performance, Quality &amp; Safety) certification preferred</li> <li>- ISO 9001:2015 and ISO 13485 compliance</li> <li>- FDA-approved food-contact safe material</li> </ul>
<b>Packaging</b>	<ul style="list-style-type: none"> <li>- Each ice box set individually packed with 4 dry ice packs</li> <li>- 2 sets per inner carton</li> <li>- 6 sets per master carton</li> <li>- Cartons must be 5-ply corrugated, moisture-resistant, labeled with BBF logo, vendor name, and quantity</li> </ul>
<b>Sample Submission</b>	One ice box with dry ice packs sample must be submitted and approved before bulk supply
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Delivery Deadline</b>	Within 30 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	<p>BBF reserves the right to test random samples for:</p> <ul style="list-style-type: none"> <li>- Cooling efficiency and duration</li> <li>- Ice pack leakage and material safety</li> <li>- Internal temperature maintenance</li> <li>- Any defective or substandard items must be replaced by the vendor at no cost</li> </ul>
<b>Warranty</b>	<p>Minimum 24 months warranty on ice box body and 12 months on dry ice packs</p> <ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> </ul>
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Minimum 3 years experience supplying WHO-compliant cold chain products</li> <li>- Must submit references of previous similar supplies</li> </ul>

### **Additional Key Quality Standards**

- Temperature Holding → Must maintain 2°C to 8°C for at least 24 hours
- Reusable Dry Ice Packs → Non-toxic, durable, and long-lasting cooling efficiency
- Material Safety → BPA-free, food-grade, WHO-compliant design
- WHO PQS Compliant → Preferred for biological sample transport
- Carton Packaging → Minimum 5-ply corrugated cartons for safe delivery

### 35. Technical Specifications for Breast Milk Collection Kits

#### *(Without Breast Pump — For Hand-Expressed Milk)*

<b>Item Name</b>	<b>Specifications</b>
<b>Title</b>	Breast Milk Collection Kits (Hand Expression)
<b>Total Quantity</b>	459 complete kits
<b>Purpose</b>	For safe collection, temporary storage, transportation, and quality analysis of hand-expressed breast milk samples during BBF’s maternal and infant nutrition projects
<b>Type</b>	Portable, sterile, WHO-compliant milk collection and storage kits <i>(without breast pump)</i>  Each kit must include the following: A. Breast Milk Collection Container (Primary Tube): <ul style="list-style-type: none"><li>• Capacity: 50 ml</li><li>• Material: Medical-grade, BPA-free polypropylene (PP)</li><li>• Sterile, leak-proof, and screw-capped</li></ul> B. Breast Milk Transfer Tube (Optional): <ul style="list-style-type: none"><li>• Capacity: 10 ml</li><li>• Graduated markings for precise measurement</li></ul>
<b>Kit Composition (Minimum)</b>	C. Labeling & Identification Set: <ul style="list-style-type: none"><li>• Pre-printed BBF-approved labels for sample ID, date, and participant code</li></ul> D. Biohazard Ziplock Bag: <ul style="list-style-type: none"><li>• Self-sealing, leak-proof, labeled for sample transport</li></ul> E. Gloves: <ul style="list-style-type: none"><li>• Nitrile/latex, powder-free, non-sterile, single-use × 1 pair</li></ul> F. Alcohol Swab: <ul style="list-style-type: none"><li>• 70% isopropyl alcohol, individually foil-packed × 1 pc</li></ul>
<b>Collection Container Specifications</b>	- Volume: 50 ml (±2 ml tolerance) - Material: Medical-grade, food-contact safe PP - Graduation marks in ml for accurate measurement - Screw-cap design ensuring airtight leak-proof storage - Sterilized by Gamma/ETO sterilization

<b>Item Name</b>	<b>Specifications</b>
<b>Storage &amp; Transport Conditions</b>	Must maintain breast milk quality for up to 24 hours at 2°C – 8°C with appropriate cold chain support ( <i>e.g., ice boxes</i> )
<b>Compatibility</b>	Must be compatible with BBF laboratory freezers (-20°C / -80°C) and centrifuge tubes for biochemical analysis
<b>Biohazard Bag Specifications</b>	<ul style="list-style-type: none"> <li>- PE 5-ply transparent bags</li> <li>- Leak-proof, tamper-proof</li> <li>- WHO-compliant biohazard logo marking</li> </ul>
<b>Safety Standards</b>	<ul style="list-style-type: none"> <li>- All components must be BPA-free, phthalate-free, non-toxic</li> <li>- Food-grade, hypoallergenic materials</li> <li>- Must comply with WHO, ISO 13485, and CE medical device standards</li> </ul>
<b>Packaging</b>	<ul style="list-style-type: none"> <li>- Each kit individually packed in a sterile poly pouch</li> <li>- 20 kits per inner box</li> <li>- 100 kits per master carton</li> <li>- Cartons must be 5-ply corrugated, moisture-resistant, labeled with BBF logo, vendor name, batch number, and quantity</li> </ul>
<b>Sample Submission</b>	One complete breast milk collection kit must be submitted and approved before bulk production
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Delivery Deadline</b>	Within 30 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	<p>BBF reserves the right to test random kits for:</p> <ul style="list-style-type: none"> <li>- Sterility of containers</li> <li>- Leak-proof performance</li> <li>- Volume accuracy of measurement markings</li> <li>- Durability during storage &amp; transport</li> <li>- Any defective kits must be replaced by the vendor at no cost</li> </ul>
<b>Warranty</b>	<p>Vendor must guarantee:</p> <ul style="list-style-type: none"> <li>- 24 months shelf life</li> <li>- Zero contamination, leakage, or measurement errors</li> </ul>
<b>Certifications Required</b>	<ul style="list-style-type: none"> <li>- ISO 9001:2015 &amp; ISO 13485 medical device certification</li> <li>- WHO/UNICEF milk collection safety standards compliance</li> <li>- CE / FDA approval preferred</li> </ul>

**Item Name****Specifications**

- Valid Trade License
- VAT/BIN & TIN Certificate

**Vendor Qualification**

- Minimum 3 years experience supplying WHO-compliant milk collection kits
- Must submit references of previous similar supplies

**Additional Key Quality Standards**

- Leak-Proof Design → Gamma-sterilized, airtight containers for zero spillage
- Measurement Accuracy → Graduated containers for precise volume tracking
- Cold Chain Compatibility → Designed for BBF ice boxes & laboratory freezers
- WHO-Compliant Safety → All components must be food-grade, hypoallergenic, and BPA-free
- Biohazard Protection → Includes labeled, tamper-proof transport bags

### 36. Technical Specifications for Sterile Sample Storage Tubes

Item Name	Specifications
<b>Title</b>	Sterile Sample Storage Tubes (Cryovials / Microtubes)
<b>Total Quantity</b>	5,000 pieces
<b>Purpose</b>	For safe collection, aliquoting, storage, and transport of biological samples (breast milk, plasma, serum, urine, etc.) during BBF's maternal & infant nutrition research projects
<b>Type</b>	Sterile, screw-cap, leak-proof polypropylene (PP) tubes ( <i>BBF-approved sample</i> )
<b>Tube Capacity</b>	2 ml, 5 ml, and 15 ml sizes ( <i>mixed or as per BBF specification</i> )
<b>Material</b>	<ul style="list-style-type: none"><li>- Medical-grade, high-clarity polypropylene (PP)</li><li>- BPA-free, phthalate-free, and non-toxic</li><li>- Free from pyrogens, RNase/DNase contamination</li></ul>
<b>Sterilization Method</b>	Gamma irradiation or ETO sterilized, single-use only
<b>Cap Type</b>	<ul style="list-style-type: none"><li>- Screw-cap with silicone O-ring for airtight sealing</li><li>- Leak-proof under centrifugation and freezing conditions</li></ul>
<b>Graduation Marks</b>	<ul style="list-style-type: none"><li>- Clear, precise graduation in ml for accurate measurement</li><li>- Permanent, fade-resistant laser printing</li></ul>
<b>Temperature Resistance</b>	<ul style="list-style-type: none"><li>- Withstand <math>-80^{\circ}\text{C}</math> for long-term storage</li><li>- Heat-resistant up to <math>+121^{\circ}\text{C}</math> for autoclaving</li></ul>
<b>Centrifugation Compatibility</b>	Withstand $\geq 12,000 \times g$ without deformation or leakage
<b>Labeling Area</b>	Frosted surface for easy labeling and barcode application
<b>Sterility Standards</b>	<ul style="list-style-type: none"><li>- Sterile, pyrogen-free, DNase/RNase-free</li><li>- Must comply with WHO sample storage guidelines</li></ul>
<b>Safety Standards</b>	<ul style="list-style-type: none"><li>- Material must be non-cytotoxic and biocompatible</li><li>- Complies with ISO 13485 and CE medical device certification</li></ul>
<b>Packaging</b>	<ul style="list-style-type: none"><li>- Each tube individually sterile-packed or in sets of 25–50 per sterile bag</li><li>- 500 tubes per inner carton</li><li>- 5,000 tubes per master carton</li></ul>

<b>Item Name</b>	<b>Specifications</b>
	- Cartons must be 5-ply corrugated, moisture-resistant, labeled with BBF logo, vendor name, batch number, and expiry date
<b>Sample Submission</b>	One set of sterile sample storage tubes must be submitted and approved before bulk production
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Delivery Deadline</b>	Within 30 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	<p>BBF reserves the right to test random tubes for:</p> <ul style="list-style-type: none"> <li>- Leak-proof performance</li> <li>- Sterility and contamination check</li> <li>- Graduation accuracy</li> <li>- Freezer compatibility</li> <li>- Defective tubes must be replaced by the vendor at no cost</li> </ul>
<b>Warranty</b>	<p>Vendor must guarantee:</p> <ul style="list-style-type: none"> <li>- Minimum 24 months shelf life</li> <li>- Zero leakage or contamination under standard storage</li> </ul>
<b>Certifications Required</b>	<ul style="list-style-type: none"> <li>- ISO 9001:2015 &amp; ISO 13485 medical device certification</li> <li>- CE / IVD compliance mandatory</li> <li>- WHO/UNICEF sample storage standards preferred</li> </ul>
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience supplying sterile laboratory consumables</li> <li>- Must provide references of previous similar supplies</li> </ul>

#### **Additional Key Quality Standards**

- Leak-Proof Guarantee → O-ring screw-cap ensures airtight sealing
- Ultra-Low Temperature Compatible → Safe for –80°C long-term storage
- Centrifuge Safe → Withstands ≥12,000 × g without deformation
- RNase/DNase-Free → Suitable for molecular and biochemical testing
- WHO Compliance → Must follow WHO guidelines for biological sample storage

### 37. Technical Specifications for Transport Ice Boxes

Item Name	Specifications
<b>Title</b>	<b>Transport Ice Box</b>
<b>Total Quantity</b>	06 pieces
<b>Purpose</b>	For safe cold chain maintenance during transportation of biological samples (blood, serum, plasma, breast milk, etc.) from field sites to laboratories under BBF's maternal and infant nutrition projects
<b>Type</b>	Portable, insulated WHO-recommended transport ice boxes
<b>Capacity</b>	Minimum 20–25 liters per box ( <i>BBF-approved sample</i> )
<b>External Dimensions</b>	Approx. 480 mm × 350 mm × 350 mm ( <i>±10 mm tolerance</i> )
<b>Material</b>	<ul style="list-style-type: none"> <li>- Outer body: High-impact HDPE/ABS plastic</li> <li>- Inner chamber: Food-grade polypropylene (PP)</li> <li>- Double-walled construction for insulation</li> </ul>
<b>Insulation</b>	High-density polyurethane foam (PUF), thickness ≥35 mm, thermal conductivity ≤0.03 W/m·K
<b>Temperature Retention</b>	Must maintain 2°C to 8°C for a minimum of 48 hours with ice packs at ambient temperature up to 30°C
<b>Ice Packs</b>	<ul style="list-style-type: none"> <li>- Each box must include 4 reusable dry ice packs</li> <li>- Material: HDPE leak-proof sealed packs</li> <li>- Capacity per pack: 400 ml – 500 ml</li> <li>- Non-toxic, food-grade, long-lasting cooling</li> </ul>
<b>Lid Design</b>	<ul style="list-style-type: none"> <li>- Air-tight sealing gasket</li> <li>- Heavy-duty locking latch</li> <li>- Optional tamper-proof security lock</li> </ul>
<b>Handles &amp; Portability</b>	<ul style="list-style-type: none"> <li>- Ergonomic foldable side handles</li> <li>- Lightweight construction ≤5 kg (without ice packs)</li> <li>- Stackable design for easy transport</li> </ul>
<b>Temperature Monitoring (Preferred)</b>	Built-in digital/analog thermometer to display internal temperature
<b>Biohazard Compliance</b>	Marked with WHO-approved biohazard labels for sample transport

<b>Item Name</b>	<b>Specifications</b>
<b>Safety Features</b>	<ul style="list-style-type: none"> <li>- Non-toxic, BPA-free, hypoallergenic materials</li> <li>- Smooth interior surface for easy cleaning</li> <li>- Leak-proof and odor-resistant</li> </ul>
<b>Certifications Required</b>	<ul style="list-style-type: none"> <li>- WHO PQS (Performance, Quality &amp; Safety) certification preferred</li> <li>- ISO 9001:2015 and ISO 13485 compliance</li> <li>- CE/FDA approval preferred</li> </ul>
<b>Packaging</b>	<ul style="list-style-type: none"> <li>- Each ice box individually packed with 4 ice packs</li> <li>- 2 sets per inner carton</li> <li>- 6 sets per master carton</li> <li>- Cartons must be 5-ply corrugated, moisture-resistant, labeled with BBF logo, vendor name, and quantity</li> </ul>
<b>Sample Submission</b>	One transport ice box sample must be submitted and approved before bulk supply
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Delivery Deadline</b>	Within 30 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	<p>BBF reserves the right to test random units for:</p> <ul style="list-style-type: none"> <li>- Cooling efficiency and duration</li> <li>- Ice pack leakage</li> <li>- Internal temperature stability</li> <li>- Any defective or substandard products must be replaced at the vendor's cost</li> </ul>
<b>Warranty</b>	Minimum 24 months warranty on ice box body and 12 months on dry ice packs
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience supplying WHO-compliant cold chain transport products</li> <li>- Must submit references of previous similar supplies</li> </ul>

### **Additional Key Quality Standards**

- Temperature Holding → Must maintain 2°C to 8°C for at least 48 hours
- Reusable Ice Packs → Non-toxic, leak-proof, and durable
- Cold Chain Compliant → Suitable for BBF's laboratory freezers and biochemical sample transport
- WHO PQS Recommended → Preferred model for biological sample transportation
- Safe & Portable Design → Lightweight, ergonomic, stackable, and secure

### 38. Technical Specifications for Serum Vacutainer Tubes (5 ml)

Item Name	Specifications
<b>Title</b>	Serum Vacutainer Tubes – 5 ml
<b>Total Quantity</b>	1,200 pieces
<b>Purpose</b>	For safe collection, temporary storage, transportation, and biochemical analysis of serum samples for BBF’s maternal, infant, and nutritional research studies
<b>Type</b>	Vacuum blood collection tube with clot activator & gel separator ( <i>WHO/CLSI-compliant</i> )
<b>Tube Volume</b>	5 ml ( <i>±0.2 ml tolerance</i> )
<b>Material</b>	- Medical-grade polyethylene terephthalate (PET) or high-clarity borosilicate glass - Non-toxic, BPA-free, and latex-free
<b>Cap Type</b>	- Safety rubber stopper with color-coded cap ( <i>WHO standard red/yellow top</i> ) - Non-reopenable tamper-proof closure
<b>Additives</b>	- Clot activator for rapid serum separation - Gel separator preferred for higher yield stability
<b>Sterilization</b>	Sterile tubes, Gamma/Ethylene Oxide (ETO) sterilized, single-use
<b>Labeling Area</b>	Frosted surface for barcode labels and sample identification
<b>Graduation Marks</b>	Clear and accurate volume marking in ml
<b>Performance Specifications</b>	- Blood draw time ≤ 5 seconds per tube - Centrifuge speed compatibility: ≥3,500 × g for 10 minutes - Leak-proof under high-speed centrifugation
<b>Color Coding</b>	Must follow WHO/CLSI color coding standards: <ul style="list-style-type: none"><li>• Red Cap → Plain clot activator</li><li>• Yellow Cap → Serum separation tube (preferred)</li></ul>
<b>Shelf Life</b>	Minimum 24 months from manufacturing date
<b>Tube Dimensions</b>	Outer diameter: 13 mm ±1 mm Length: 100 mm ±1 mm

<b>Item Name</b>	<b>Specifications</b>
<b>Temperature Stability</b>	<ul style="list-style-type: none"> <li>- Storage: 4°C to 30°C</li> <li>- Compatible with BBF laboratory freezers (-20°C / -80°C)</li> </ul>
<b>Safety Standards</b>	<ul style="list-style-type: none"> <li>- Free from pyrogens and endotoxins</li> <li>- Non-cytotoxic and biocompatible</li> <li>- Must comply with WHO, ISO 13485, CE, and CLSI GP41 standards</li> </ul>
<b>Packaging</b>	<ul style="list-style-type: none"> <li>- 100 tubes per sterile rack (individually shrink-wrapped)</li> <li>- 1,200 tubes per master carton</li> <li>- Moisture-resistant 5-ply corrugated cartons with BBF logo, vendor name, batch number, manufacturing date, and expiry date</li> </ul>
<b>Sample Submission</b>	One box of 100 serum vacutainer tubes must be submitted and approved before bulk delivery
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Delivery Deadline</b>	Within 30 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	<p>BBF reserves the right to test random tubes for:</p> <ul style="list-style-type: none"> <li>- Vacuum retention</li> <li>- Additive accuracy</li> <li>- Leakage prevention</li> <li>- Sterility and expiry compliance</li> <li>- Defective tubes must be replaced by vendor at no cost</li> </ul>
<b>Warranty</b>	<p>Vendor must guarantee:</p> <ul style="list-style-type: none"> <li>- Minimum 24 months shelf life</li> <li>- Zero leakage, contamination, or additive failure</li> </ul>
<b>Certifications Required</b>	<ul style="list-style-type: none"> <li>- ISO 9001:2015 &amp; ISO 13485 medical device certification</li> <li>- CE / IVD compliance mandatory</li> <li>- WHO/CLSI-compliant specifications required</li> </ul>
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience supplying WHO/CLSI-approved vacutainer tubes</li> <li>- Must provide references of previous similar supplies</li> </ul>

### **Additional Key Quality Standards**

- WHO/CLSI Color-Coding → Must strictly follow global standards
- Leak-Proof Guarantee → 100% tested under centrifugation
- High Stability → Compatible with BBF freezers & centrifuges
- Sterile & Safe → ETO/gamma-sterilized, single-use only
- Compliance → Must follow ISO 13485, CLSI GP41, and WHO guidelines

### 39. Technical Specifications for Barcode Labels / Stickers

Item Name	Specifications
<b>Title</b>	Barcode Labels / Stickers
<b>Total Quantity</b>	1,500 pieces
<b>Purpose</b>	For sample identification, traceability, and quality control of biological samples during BBF's maternal, infant, and nutritional studies
<b>Type</b>	Self-adhesive, thermal/laser printable barcode labels ( <i>BBF-approved sample</i> )
<b>Label Dimensions</b>	Recommended size: 25 mm × 50 mm ( <i>±2 mm tolerance</i> )
<b>Shape</b>	Rectangular / Rounded corners ( <i>as per BBF sample</i> )
<b>Material</b>	<ul style="list-style-type: none"><li>- Synthetic waterproof PP/PET film preferred</li><li>- Optionally high-quality matte-coated paper for low-cost usage</li><li>- Must be non-toxic, BPA-free, and medical-grade safe</li></ul>
<b>Printing Compatibility</b>	Must support both: <ul style="list-style-type: none"><li>• Thermal printers (<i>Zebra, TSC, Honeywell, etc.</i>)</li><li>• Laser/inkjet printers*</li></ul>
<b>Adhesive Type</b>	<ul style="list-style-type: none"><li>- Permanent pressure-sensitive adhesive</li><li>- Must adhere securely to:<ul style="list-style-type: none"><li>• Serum vacutainers</li><li>• Microtubes</li><li>• Cryovials</li><li>• Breast milk containers</li></ul></li></ul>
<b>Temperature Resistance</b>	<ul style="list-style-type: none"><li>- Must withstand –80°C to +40°C (<i>suitable for BBF laboratory freezers</i>)</li><li>- No peeling or smudging under cold chain storage</li></ul>
<b>Surface Coating</b>	<ul style="list-style-type: none"><li>- Smudge-proof, moisture-resistant coating</li><li>- Scratch-resistant finish for handling safety</li></ul>
<b>Barcode Type</b>	Must support Code 128 / QR code formats, as required by BBF
<b>Durability</b>	Minimum 3 years lifespan in ambient conditions; 12 months under cryogenic storage
<b>Color</b>	<ul style="list-style-type: none"><li>- Base: White / matte finish</li><li>- Printing: Black barcode and BBF branding/logo (<i>if required</i>)</li></ul>

<b>Item Name</b>	<b>Specifications</b>
<b>Packaging</b>	<ul style="list-style-type: none"> <li>- 100 labels per roll / sheet (<i>as per BBF preference</i>)</li> <li>- 1,200 labels per master carton</li> <li>- Moisture-resistant 5-ply corrugated cartons with BBF logo, vendor name, and quantity</li> </ul>
<b>Sample Submission</b>	One sheet/roll of barcode labels must be submitted and approved before bulk supply
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Delivery Deadline</b>	Within 20 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	<p>BBF reserves the right to test random labels for:</p> <ul style="list-style-type: none"> <li>- Adhesive performance under freezing</li> <li>- Printing smudge resistance</li> <li>- Barcode readability under scanning</li> <li>- Defective labels must be replaced by the vendor at no cost</li> </ul>
<b>Warranty</b>	<p>Vendor must guarantee:</p> <ul style="list-style-type: none"> <li>- Minimum 24 months shelf life</li> <li>- Smudge-proof, tear-resistant quality</li> </ul>
<b>Certifications Required</b>	<ul style="list-style-type: none"> <li>- ISO 9001:2015 certified manufacturing</li> <li>- FDA-compliant adhesive materials</li> <li>- WHO cold chain label standards preferred</li> </ul>
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience supplying medical-grade labeling materials</li> <li>- Must submit references of previous similar supplies</li> </ul>

### **Additional Key Quality Standards**

- Freezer Compatible → Must adhere securely to tubes, containers, and cryovials at –80°C
- Waterproof & Smudge-Proof → Printing must remain intact during handling and transportation
- Thermal & Laser Printer Support → Must work with BBF’s existing equipment
- WHO-Compliant → Suitable for clinical and laboratory biological sample tracking

#### 40. Technical Specifications for Photocopy Machine (*Heavy-Duty, Multifunction, Metal Body*)

<b>Item Name</b>	<b>Specifications</b>
<b>Title</b>	Multifunction Digital Photocopier Machine
<b>Total Quantity</b>	01 Unit
<b>Brand</b>	Must be internationally reputed brand (e.g., Canon, Toshiba, Ricoh, Kyocera, Sharp). Non-reputed brands & low-cost Chinese brands are not acceptable
<b>Model</b>	To be specified by the bidder
<b>Country of Origin</b>	To be specified by the bidder ( <i>China-only brands are not acceptable</i> )
<b>Manufacturer Country</b>	To be specified by the bidder
<b>Body Material</b>	Full metal body for durability and heavy-duty operation
<b>Device Type</b>	Multifunction Copier: Print + Copy + Scan
<b>Copy/Print Speed</b>	Minimum 25 pages per minute (A4, mono)
<b>First Copy Out Time</b>	≤7 seconds (mono)
<b>Maximum Copy Size</b>	Up to A3 size Minimum supported size A5
<b>Resolution</b>	Minimum 600 × 600 dpi (print/scan/copy)
<b>Zoom Range</b>	25% to 400% (1% increments) 25% to 200% using RSPF (Reversing Single Pass Feeder)
<b>Memory (RAM)</b>	Minimum 2 GB DDR4 RAM
<b>Processor</b>	High-performance dual-core processor or equivalent
<b>Standard Paper Capacity</b>	- Main Cassette: 1000 sheets - Bypass Tray: 100 sheets
<b>Duplexing (Automatic)</b>	Built-in Duplex Unit (two-sided printing and copying)
<b>ADF / DADF Type</b>	DADF (Duplex Automatic Document Feeder)
<b>ADF Capacity</b>	Minimum 100 sheets

<b>Item Name</b>	<b>Specifications</b>
<b>Scanning Function</b>	<ul style="list-style-type: none"> <li>- Scan to Email (Color)</li> <li>- Scan in OCR (Built-in)</li> <li>- Scan to Network Folder / USB Drive</li> </ul>
<b>Scanning Resolution</b>	Minimum 600 × 600 dpi (color & mono)
<b>Printing Function</b>	Network & USB printing supported
<b>Print Interface</b>	<ul style="list-style-type: none"> <li>- Ethernet LAN Port</li> <li>- USB 2.0 / 3.0 Port</li> <li>- Optional Wi-Fi module</li> </ul>
<b>Operating Systems Supported</b>	Windows 10/11, macOS, Linux
<b>Pedestal / Wooden Tray</b>	Included
<b>Power Consumption</b>	≤1.5 kW, Energy Star Certified
<b>Noise Level</b>	≤55 dB in operation
<b>Duty Cycle</b>	Minimum 50,000 pages/month
<b>Warranty</b>	Minimum 1-year comprehensive warranty ( <i>parts + labor</i> )
<b>After-Sales Service</b>	<ul style="list-style-type: none"> <li>- Minimum 3 years after-sales service commitment</li> <li>- Service must be available within 48 hours response time</li> </ul>
<b>Accessories Included</b>	<ul style="list-style-type: none"> <li>- Power cable &amp; installation kit</li> <li>- Starter toner cartridge</li> <li>- User manual (<i>Bangla &amp; English</i>)</li> </ul>
<b>Certifications Required</b>	<ul style="list-style-type: none"> <li>- ISO 9001:2015 certified manufacturing</li> <li>- Energy Star Certified</li> <li>- CE / RoHS Compliant</li> </ul>
<b>Packaging</b>	<ul style="list-style-type: none"> <li>- Fully assembled, shock-proof, export-grade packaging</li> <li>- Minimum 7-ply corrugated outer carton</li> <li>- BBF logo and vendor details must be labeled</li> </ul>
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF) Office, IPH Building, Ground Floor, Room 201, Mohakhali, Dhaka
<b>Delivery Deadline</b>	Within 30 working days after issuing the purchase order

<b>Item Name</b>	<b>Specifications</b>
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	<p>BBF reserves the right to:</p> <ul style="list-style-type: none"> <li>- Check brand authenticity</li> <li>- Verify duty cycle and energy certification</li> <li>- Test printing, scanning, and duplexing performance before final acceptance</li> </ul>
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>- Valid Trade License</li> <li>- VAT/BIN &amp; TIN Certificate</li> <li>- Minimum 3 years experience supplying professional-grade multifunction copiers</li> <li>- Must submit a list of similar previous installations</li> </ul>

#### **Additional Key Quality Standards**

- Reputed International Brand → Canon, Toshiba, Ricoh, Sharp, Kyocera, etc.
- Heavy-Duty Metal Body → Suitable for high-volume office usage
- Multifunction Device → Copy + Print + Scan + Duplex capability
- High Performance → 25 ppm, 2 GB RAM, 100-sheet DADF, fast first-copy output
- WHO-Compliant Office IT Standard → Energy Star, ISO-certified machine

#### 41. Technical Specifications for Laptop Computer Systems

*(Intel Core i3 or Higher, Metal Body, Heavy-Duty, Office-Grade)*

Item Name	Specifications
Title	Laptop Computer Systems
Total Quantity	10 Units
Processor	Intel Core i3 (Latest, 11th Gen or Above Preferred) <ul style="list-style-type: none"><li>• Base Frequency: ≥3.0 GHz</li><li>• Turbo Frequency: ≥4.1 GHz</li><li>• Minimum Cache: 6 MB</li><li>• Minimum Cores/Threads: 4 Cores / 8 Threads</li></ul>
Motherboard	OEM-approved branded motherboard only ( <i>HP, Dell, Lenovo, Asus, Acer</i> ) — no local or unbranded boards accepted
RAM	16 GB DDR4 @ 3200 MHz or higher <ul style="list-style-type: none"><li>• Expandable up to 32 GB</li><li>• Dual-channel support</li></ul>
Storage	<ul style="list-style-type: none"><li>• SSD: Minimum 512 GB NVMe PCIe 3.0/4.0</li><li>• Optional: 1 TB HDD if required for data backup</li></ul>
Graphics	Integrated Intel UHD / Iris Xe Graphics or better
Display	<ul style="list-style-type: none"><li>• Minimum 14.0" or 15.6" Full HD IPS LED panel</li><li>• Resolution: 1920 × 1080</li><li>• Anti-glare coating</li><li>• Brightness: ≥250 nits</li></ul>
Body Material	Premium metal body ( <i>aluminum/magnesium alloy preferred</i> ) <ul style="list-style-type: none"><li>• Rugged and durable for heavy-duty office usage</li></ul>
Keyboard & Touchpad	<ul style="list-style-type: none"><li>• Full-sized ergonomic keyboard with backlight preferred</li><li>• Multi-touch precision glass touchpad</li></ul>
Webcam & Audio	<ul style="list-style-type: none"><li>• Integrated HD 720p / 1080p webcam</li><li>• Dual-array noise-cancelling microphones</li><li>• High-quality stereo speakers</li></ul>
Ports & Connectivity	<ul style="list-style-type: none"><li>• Minimum 2 × USB 3.2 Gen 1, 1 × USB Type-C, 1 × HDMI, 1 × Audio Combo Jack</li><li>• RJ45 LAN port preferred</li></ul>

<b>Item Name</b>	<b>Specifications</b>
<b>Battery &amp; Power</b>	<ul style="list-style-type: none"> <li>• Wi-Fi 802.11ax (Wi-Fi 6) dual-band</li> <li>• Bluetooth 5.2 or above</li> <li>• Minimum 3-cell Li-ion battery, ≥45Wh</li> <li>• Backup time: ≥8 hours typical office usage</li> <li>• Fast-charging supported (<i>50% in ≤45 mins</i>)</li> </ul>
<b>Operating System</b>	Licensed Windows 11 Pro 64-bit ( <i>pre-installed with activation key</i> )
<b>Security Features</b>	<ul style="list-style-type: none"> <li>• TPM 2.0 security chip</li> <li>• Kensington lock slot</li> <li>• Fingerprint reader preferred</li> </ul>
<b>Weight</b>	≤1.7 kg for portability
<b>Cooling System</b>	Advanced dual-fan thermal cooling for long-lasting performance
<b>Accessories Included</b>	<ul style="list-style-type: none"> <li>• Original 65W/90W fast charger</li> <li>• Branded laptop backpack</li> <li>• User manual (<i>Bangla &amp; English</i>)</li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>• Brand New Systems: Minimum 3-year comprehensive warranty (<i>parts + labor</i>)</li> <li>• Premium Refurbished Systems: Minimum 1-year warranty with health certification</li> </ul>
<b>After-Sales Service</b>	<p>Vendor must ensure:</p> <ul style="list-style-type: none"> <li>• 3 years of free technical support</li> <li>• Maximum 48-hour response time for service requests</li> </ul>
<b>Brand Requirement</b>	Must be internationally reputed OEMs: HP, Dell, Acer, Asus etc. ( <i>Chinese unbranded or local laptops not acceptable</i> )
<b>Certifications Required</b>	<ul style="list-style-type: none"> <li>• ISO 9001:2015 certified assembly</li> <li>• Energy Star Certified</li> <li>• CE / FCC / RoHS compliant</li> </ul>
<b>Software Requirements</b>	<ul style="list-style-type: none"> <li>• MS Office 2021 Standard / Office 365 Business License</li> <li>• Pre-installed Google Chrome, Adobe Reader, PDF Creator, Zoom/MS Teams</li> </ul>
<b>Packaging</b>	<ul style="list-style-type: none"> <li>• Each laptop individually packed in shock-proof, 7-ply corrugated carton</li> <li>• Cartons must be moisture-resistant and labeled with BBF logo, vendor name, model, and serial number</li> </ul>

<b>Item Name</b>	<b>Specifications</b>
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF), IPH Building, Ground Floor, Mohakhali, Dhaka
<b>Delivery Timeline</b>	Within 30 working days after issuing the purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Quality Assurance</b>	<p>BBF reserves the right to:</p> <ul style="list-style-type: none"> <li>• Check CPU generation &amp; authenticity</li> <li>• Verify Windows license key</li> <li>• Stress-test laptops for performance before acceptance</li> </ul>
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>• Valid Trade License</li> <li>• VAT/BIN &amp; TIN Certificate</li> <li>• Minimum 3 years experience supplying business-grade laptops</li> <li>• Must submit references of previous similar supplies</li> </ul>

#### **Additional Key Quality Standards**

- Internationally Reputed Brands Only → HP, Dell, Acer, Asus etc.
- Metal Body & Heavy Duty → Strong build for continuous BBF office usage
- Latest Intel i3 or Higher → 11th Gen+ preferred for long-term viability
- High Performance → 16 GB RAM, SSD-based, Full HD display
- Licensed Software → Windows 11 Pro + Office 2021 / 365
- Long Battery Backup → ≥8 hours continuous work capability
- Warranty & Support → 3 years for new, 1 year for premium refurbished

## 42. Technical Specifications – Photocopier Machine

### *(Compact, Heavy-Duty, Professional-Grade)*

<b>Feature</b>	<b>Specifications</b>
<b>Device Type</b>	Digital Multifunction Copier (Copy + Print + Scan + Duplex)
<b>Body Material</b>	Heavy-duty metal body preferred for durability
<b>Brand</b>	Must be internationally reputed: Canon, Toshiba, Ricoh, Kyocera, Sharp, HP <i>(Non-reputed &amp; low-cost Chinese brands are not acceptable)</i>
<b>Model</b>	To be proposed by vendor <i>(compact models accepted if heavy-duty)</i>
<b>Country of Origin</b>	Must specify; China-only brands excluded
<b>Copy/Print Speed</b>	Minimum 25 pages per minute (ppm) <i>(A4, mono)</i>
<b>First Copy Out Time</b>	≤7 seconds
<b>Copy Resolution</b>	Minimum 600 × 600 dpi for sharp output
<b>Printing Resolution</b>	Minimum 1200 × 1200 dpi (enhanced)
<b>Duplex Printing</b>	Built-in Automatic Duplex Unit for both sides
<b>Maximum Paper Size</b>	Up to A3 Minimum A5
<b>Standard Paper Capacity</b>	- Main Cassette: ≥1,000 sheets - Bypass Tray: ≥100 sheets
<b>Zoom Range</b>	25% to 400% in 1% increments
<b>Memory (RAM)</b>	Minimum 2 GB DDR4 RAM <i>(Expandable)</i>
<b>ADF/DADF Capacity</b>	100-sheet Duplex Automatic Document Feeder (DADF)
<b>Scanning Function</b>	- Color scanning supported - Scan to Email, OCR, Network Folder, USB
<b>Scanning Resolution</b>	Minimum 600 × 600 dpi

<b>Feature</b>	<b>Specifications</b>
<b>Printing Interface</b>	USB 3.0, Ethernet LAN, optional Wi-Fi
<b>Processor</b>	Dual-core processor optimized for high-volume office workloads
<b>Monthly Duty Cycle</b>	Minimum 50,000 pages/month ( <i>heavy-duty</i> )
<b>Operating Systems</b>	Compatible with Windows 10/11, macOS, Linux
<b>Pedestal/Tray</b>	Included
<b>Power Consumption</b>	≤1.5 kW, Energy Star Certified
<b>Noise Level</b>	≤55 dB for quiet office operation
<b>Weight &amp; Size</b>	Compact heavy-duty models acceptable (≤35 kg)
<b>Security Features</b>	• Secure Print • User Authentication • Encrypted Scanning ( <i>Preferred</i> )
<b>Warranty</b>	Minimum 1-year comprehensive warranty ( <i>parts + labor</i> )
<b>After-Sales Support</b>	Vendor must ensure: <ul style="list-style-type: none"> <li>• Minimum 3 years service support</li> <li>• Maximum 48-hour response time</li> </ul>
<b>Accessories Included</b>	<ul style="list-style-type: none"> <li>• Starter toner cartridge</li> <li>• Power cable &amp; installation kit</li> <li>• User manual (<i>Bangla &amp; English</i>)</li> </ul>
<b>Certifications Required</b>	<ul style="list-style-type: none"> <li>- ISO 9001:2015 certified manufacturing</li> <li>- Energy Star Certified</li> <li>- CE / RoHS Compliant</li> </ul>

### 43. Technical Specifications for Tablets & Smartphones

*(For BBF Field Data Collection, Video Recording, and Program Monitoring)*

Item	Specifications
<b>Title</b>	High-Performance Android Tablets & Smartphones
<b>Total Quantity</b>	10 Units
<b>Device Type</b>	Hybrid Mix <i>(6 Tablets + 4 Smartphones preferred)</i>
<b>Brand</b>	Must be internationally reputed: Samsung, Lenovo, Apple, Xiaomi, Realme <i>(Chinese low-quality brands not acceptable)</i>
<b>Processor</b>	Octa-core processor (Minimum 2.0 GHz, preferred Qualcomm Snapdragon 7xx / 8xx series or MediaTek Dimensity 900+)
<b>RAM</b>	Minimum 8 GB LPDDR4X Preferred 12 GB for better multitasking
<b>Storage</b>	128 GB UFS 3.1 (expandable up to 512 GB)
<b>Operating System</b>	Latest Android 14 or iOS 17 <i>(licensed, stable, secure)</i>
<b>Display (Tablet)</b>	Minimum 10.5-inch FHD+ AMOLED / IPS Resolution: 1920 × 1200 Brightness: ≥400 nits
<b>Display (Smartphone)</b>	Minimum 6.5-inch AMOLED / IPS LCD Resolution: 2400 × 1080 FHD+ Refresh Rate: ≥120Hz
<b>Camera (Rear)</b>	Minimum 50 MP primary sensor + 8 MP ultra-wide 4K video recording at 30fps
<b>Camera (Front)</b>	Minimum 16 MP selfie camera, FHD recording support
<b>Battery</b>	Tablet: ≥8,000 mAh Smartphone: ≥5,000 mAh Fast Charging: 25W or higher <i>(USB-C preferred)</i>
<b>Connectivity</b>	<ul style="list-style-type: none"><li>• 5G/4G LTE with fallback to 3G/2G</li><li>• Dual SIM or eSIM support</li><li>• Wi-Fi 6 (802.11ax)</li><li>• Bluetooth 5.2 or higher</li><li>• GPS + GLONASS + Galileo for high-accuracy tracking</li></ul>

<b>Item</b>	<b>Specifications</b>
<b>Internet Speed</b>	Must support 5G speeds $\geq 1$ Gbps and 4G LTE speeds $\geq 300$ Mbps
<b>Audio</b>	Dual stereo speakers with Dolby Atmos support
<b>Durability</b>	<ul style="list-style-type: none"> <li>• Metal/Aluminum unibody preferred</li> <li>• Minimum IP54 dust &amp; splash resistance (<i>IP67 preferred</i>)</li> <li>• Corning Gorilla Glass protection</li> </ul>
<b>Weight</b>	Tablet: $\leq 500$ g Smartphone: $\leq 200$ g
<b>Ports</b>	USB Type-C 3.1 (preferred) + 3.5mm headphone jack optional
<b>Security Features</b>	<ul style="list-style-type: none"> <li>• Side-mounted / In-display Fingerprint Scanner</li> <li>• Face Unlock</li> <li>• Secure Encryption with TPM/Knox security</li> </ul>
<b>Software Requirements</b>	<ul style="list-style-type: none"> <li>• BBF-approved data collection apps (<i>ODK, KoboToolbox, DHIS2, SurveyCTO, etc.</i>)</li> <li>• Pre-installed Zoom, Google Meet, MS Teams for monitoring meetings</li> <li>• Pre-installed BBF-approved reporting templates &amp; PDF tools</li> </ul>
<b>Accessories Included</b>	<ul style="list-style-type: none"> <li>• Rugged protective case</li> <li>• Screen protector</li> <li>• Original fast charger + Type-C cable</li> <li>• Branded earphones (<i>optional</i>)</li> </ul>
<b>Battery Backup</b>	Minimum 10–12 hours of continuous usage ( <i>field-optimized</i> )
<b>Cloud Backup Support</b>	Native integration with Google Drive / OneDrive / iCloud
<b>Weight &amp; Portability</b>	Lightweight, slim, suitable for field data collection
<b>Warranty</b>	Minimum 2-year comprehensive warranty ( <i>parts + service</i> )
<b>After-Sales Support</b>	<p>Vendor must ensure:</p> <ul style="list-style-type: none"> <li>• Local authorized service center</li> <li>• Maximum 72-hour turnaround time for repairs/replacements</li> </ul>
<b>Certifications Required</b>	<ul style="list-style-type: none"> <li>• ISO 9001:2015 certified manufacturing</li> <li>• Energy Star Certified</li> <li>• CE / FCC / RoHS Compliant</li> </ul>

<b>Item</b>	<b>Specifications</b>
<b>Packaging</b>	Each unit individually packed with shock-proof, 5-layer export carton labeled with BBF logo, vendor name, serial number, and IMEI
<b>Delivery Location</b>	Bangladesh Breastfeeding Foundation (BBF), IPH Building, Ground Floor, Mohakhali, Dhaka
<b>Delivery Timeline</b>	Within 30 working days after issuing purchase order
<b>Payment Method</b>	Account Payee Cheque after successful delivery and quality verification
<b>Vendor Qualification</b>	<ul style="list-style-type: none"> <li>• Valid Trade License</li> <li>• VAT/BIN &amp; TIN Certificate</li> <li>• Minimum 3 years experience supplying enterprise-grade tablets and smartphones</li> <li>• Must provide evidence of similar supplies</li> </ul>

**Recommended Models for BBF (*Examples for Reference*)**

<b>Brand</b>	<b>Tablet Model</b>	<b>Smartphone Model</b>	<b>Key Features</b>
Samsung	Galaxy Tab S9	Galaxy S23 5G	AMOLED, 8GB RAM, 5G, Knox security
Lenovo	Tab P12 Pro	Legion Y70 5G	FHD AMOLED, Dolby Atmos, strong battery
Apple	iPad 10th Gen	iPhone 14	A15 Bionic, HD video, long battery life
Xiaomi	Pad 6 Pro	13T Pro 5G	144Hz AMOLED, HDR10, Gorilla Glass 5



বাংলাদেশ ব্রেস্টিফিডিং কাউন্সেল

# Bangladesh Breastfeeding Foundation

Institute of Public Health (IPH), Room # 197–201,  
Mohakhali, Dhaka–1212

Phone: 88-02-8831134

E-mail: [procurement@bbf.org.bd](mailto:procurement@bbf.org.bd)

Web: [www.bbf.org.bd](http://www.bbf.org.bd)

## Standard Request for Quotation Document (National) For Procurement of Goods [Request for Quotation Method]

Procurement of [insert name of Goods]

GR – 43; Lot No – 01 to 43

Invitation for Tender No : GR – 43, Lot – 01 to 43

Issued on : 03.09.2025

Tender Package No : GR – 43, Lot No – 01 to 43

## **Guidance Notes on the use of The Request for Quotation Document**

1. These guidance notes have been prepared by the BPPA to assist a Procuring Entity in the preparation of Quotation document, using the Standard Request for Quotation, SRFQ, for the procurement of low value simple, off-the-self, low value Goods and related services. All concerned are advised to refer to the Public Procurement Rules, 2008 issued to supplement the Public Procurement Act, 2006; available on BPPA's website: [www.bppa.gov.bd](http://www.bppa.gov.bd). Guidance notes are provided for both the Procuring Entity and the Quotationer.
2. The procurement under Request for Quotation Method (RFQM) shall follow the provisions pursuant to Rules 69 to 73 of the Public Procurement Rules, 2008 in accordance with Section 32 of the Public Procurement Act, 2006. SRFQ is based upon best national practices that have been adapted to suit the particular needs of procurement.
3. The use of SRFQ (**PG1**) applies when a Procuring Entity intends to select a Quotationer (a Supplier) for the Procurement of Goods and related services under RFQ Method (RFQM) pursuant to Rule 69(3) of the Public Procurement Rules, 2008.
4. Pursuant to Rule 71(1) and Rule 71(2) of the Public Procurement Rules, 2008, RFQ shall be invited through letter, Fax and e-mail. RFQ shall not be required to be advertised in the daily newspapers but for the minimum circulation the Procuring Entity shall publish that advertisement in its website (if any), including posting in the Notice Board and, shall send with request for publication to the administrative wing of some other Procuring Entities nearby.
5. Pursuant to Rule 71(3) of the Public Procurement Rules, 2008, RFQ Document shall be issued or made available to potential Quotationers '**free-of-cost**'.
6. The time-limit for Request for Quotation shall in no case exceed ten (**10**) days pursuant to Rule 71 (4) of the Public Procurement Rules, 2008.
7. No Securities such as Quotation Security (i.e. the traditionally termed Earnest Money, Tender Security) and Performance Security shall be required pursuant to Rule 70(6) of the Public Procurement Rules, 2008.
8. Submission, Opening and Evaluation of the Quotations shall respectively be dealt with pursuant to Rule 72(1), Rule 72(2) and Rule 73(1) of the Public Procurement Rules, 2008 as specified in RFQ.
9. The criteria for evaluation, pursuant to Rule 70(4) of the Public Procurement Rules, 2008, shall be pre-disclosed.
10. Pursuant to Rule 69(5) of the Public Procurement Rules, 2008 the Quotation for standard off-the-shelf low value readily available Goods and related services shall usually be on '**Unit-Rate**' basis.
11. The specifications of Goods and related services shall be framed pursuant to Rule 29 of the Public Procurement Rules, 2008.
12. Splitting the object of Procurement is not permissible pursuant to Rule 69(4) (ka) of the Public Procurement Rules, 2008.
13. The Procuring Entity shall issue the Purchase Order, pursuant to Rule 73(5) of the Public Procurement Rules, 2008, to the successful Quotationer following recommendations of the Evaluation Committee and approval thereupon of the Approving Authority.
14. The Warranty Period shall usually remain between 3 and 6 months; where applicable.
15. The Procuring Entity shall further be required to maintain the record of procurement proceedings pursuant to Rule 43 of the Public Procurement Rules, 2008.
16. CPTU has been replaced by BPPA as per Act 32, 2023.

Bangladesh Breastfeeding Foundation  
Institute of Public Health (IPH), Room # 197–201,  
Mohakhali, Dhaka–1212

**REQUEST FOR QUOTATION**

for

[.....]  
(insert name of the goods)

**RFQ No: BBF / Procurement /2025 /021**

**Date: dd/mm/yy**

To

[insert name and address of the Quotationers]  
[.....]

1. The **Chairperson, Board of Trustees , Bangladesh Breastfeeding Foundation , Institute of Public Health (IPH) , Room # 197 – 201 , Mohakhali , Dhaka -1212** has been allocated public funds and intends to apply a portion of the funds to eligible payments under the Contract for which this Quotation Document is issued.
2. Detailed Specifications and, Design & Drawings for the intended Goods and related services shall be available in the office of the Procuring Entity for inspection by the potential Quotationers during office hours on all working days.
3. Quotation shall be prepared and submitted using the 'Quotation Document'.
4. Quotation shall be completed properly, duly signed-dated each page by the authorized signatory and submitted by the date to the office as specified in **Para 6** below.
5. No Securities such as Quotation Security (i.e. the traditionally termed Earnest Money, Tender Security) and Performance Security shall be required for submission of the Quotation and delivery of the Goods (if awarded) respectively.
6. Quotation in a sealed envelope shall be submitted to the office of the undersigned **on or before 09.03.2025, on 11.00 A.M.** The envelope containing the Quotation must be clearly marked "Quotation for [insert name of Goods] and **DO NOT OPEN BEFORE 09.09.2025, on 12.00 P.M.** Quotations received later than the time specified herein shall not be accepted.
7. The Procuring Entity may extend the deadline for submission of Quotations on justifiably acceptable grounds duly recorded subject to threshold of ten (10) days pursuant to Rule 71 (4) of the Public Procurement Rules, 2008.
8. All Quotations must be valid for a period of at least **7 (seven) days** from the closing date of the Quotation.
9. No public opening of Quotations received by the closing date shall be held.
10. Quotationer's rates or prices shall be inclusive of profit and overhead and, all kinds of taxes, duties, fees, levies, and other charges to be paid under the Applicable Law, if the Contract is awarded.
11. Rates shall be quoted and, subsequent payments under this Contract shall be made in Taka currency. The price offered by the Quotationer, if accepted shall remain fixed for the duration of the Contract.

12. Quotationer shall have legal capacity to enter into Contract. Quotationer, in support of its qualification shall be required to submit certified photocopies of latest documents related to valid **Trade License, Tax Clearance Certificate, VAT Registration Certificate** and **Financial Solvency Certificate** from any scheduled Bank; without which the Quotation may be considered non-responsive.
13. Quotations shall be evaluated based on information and documents submitted with the Quotations, by the Evaluation Committee and, at least three (3) responsive Quotations will be required to determine the lowest evaluated responsive Quotations for award of the Contract.
14. In case of anomalies between unit rates or prices and the total amount quoted, the unit rates or prices shall prevail. In case of discrepancy between words and figures the former will govern. Quotationer shall remain bound to accept the arithmetic corrections made by the Evaluation Committee.
15. The supply of Goods and related services shall be completed within 4 (four) days from the date of issuing the Purchase Order.
16. The Purchase Order that constitutes the Contract binding upon the Supplier and the Procuring Entity shall be issued within 7 (Seven) days of receipt of approval from the Approving Authority.
17. The Procuring Entity reserves the right to reject all the Quotations or annul the procurement proceedings.

Prof. Dr. S.K. Roy  
Chairperson, Board of Trustees  
Baqngladesh Breastfeeding Foundation

**Distribution:**

1. Directorate General of Medical Education (DGME)
2. Directorate General of Family Planning.
3. Mr. Fazlul Karim Russel for posting in the website, if applicable.
4. BBF Notice Board.
5. Office File.

## Quotation Submission Letter

[Use Letter-head Pad]

RFQ No: **BBF / Procurement /2025 /021**

Date: dd/mm/yy

To:  
Director  
Bangladesh Breastfeeding Foundation  
Institute of Public Health (IPH),  
Room # 197-201

I/We, the undersigned, offer to supply in conformity with the Terms and Conditions for delivery of the Goods and related services named [insert name of goods]

The total Price of my/our Quotation is BDT [insert amount both in figure and words]

My/Our Quotation shall remain valid for the period stated in the RFQ Document and it shall remain binding upon us and, may be accepted at any time prior to the expiration of its validity period.

I/We declare that I/we have the legal capacity to enter into a contract with you, and have not been declared ineligible by the Government of Bangladesh on charges of engaging in corrupt, fraudulent, collusive or coercive practices. Furthermore, I/we am/are aware of Para 21(b) of the Terms and Conditions and pledge not to indulge in such practices in competing for or completion of delivery of Goods.

I/We am/are not submitting more than one Quotation in this RFQ process in my/our own name or other name or in different names. I/We understand that the Purchase Order issued by you shall constitute the Contract and will be binding upon me/us.

I/We have examined and have no reservations to the RFQ Document issued by you on ...../...../2025

I/We understand that you reserve the right to reject all the Quotations or annul the procurement proceedings without incurring any liability to me/us.

Signature of Quotationer with Seal  
Date:

## Price Schedule for Goods and Related Services

**RFQ NO. BBF / Procurement /2025 /021**

**Date: dd/mm/yy**

Sl no	Item no	Description of Items	Unit of Measurement	Quantity	Unit Rate or Price		Total Amount	Destination for Delivery of Goods
					In figure	In words	In figure In words	
1	2	3	4	5	6	7	8	9
<b>Total Amount for Supply of Goods and related services (inclusive of VAT and all applicable taxes; see Note 2 below)</b>						In figure		
						In words		

Goods to be supplied to	[insert destination of Goods]
Total Amount in Taka (in words)	[enter the Total Amount as in Col.8 above for the delivery of Goods and related services].
Delivery Offered	[insert weeks/days] from date of issuing the Purchase Order]
Warranty Provided	[insert weeks/months from date of completion of the delivery; state none if not applicable]

[insert number] number corrections made by me/us have been duly initialed in this Price Schedule. My/Our Offer is valid until dd/mm/yy [insert Quotation Validity date].

<p><b>Signature of Quotationer with Seal</b></p> <p><b>Name of Quotationer</b></p>	<p style="text-align: center;">Date: <b>dd/mm/yy</b></p>
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**Note:**

1. Col. 1, 2, 3, 4, 5 and 9 to be filled in by the Procuring Entity and Col. 6, 7 & 8 by the Quotationer.
2. Rates or Prices shall include profit and overhead and, all kinds of taxes, duties, fees, levies, and other charges earlier paid or to be paid under the Applicable Law, if the Contract is awarded; including transportation, insurance etc. whatsoever up to the point of delivery of Goods and related services in all respects to the satisfaction of the Procuring Entity.

## Technical Specification of the Goods Required

SI no	Item no	Description of Items	Full Technical Specification and Standards	Country of Origin	Make and Model
1	2	3	4	5	6

I/We declare to supply Goods and related services offered by me/us fully in compliance with the Technical Specifications and Standards mentioned hereinabove

<b>Signature of Quotationer with Seal</b>	<b>Date: dd/mm/yy</b>
<b>Name of Quotationer</b>	

**Note:**

1. Col. 1, 2, 3 & 4 to be filled in by the Procuring Entity and Col. 5 & 6 by the Quotationer.
2. Specifications are to be filled in by the Procuring Entity. A set of precise and clear specifications is a pre-requisite for Quotations to respond realistically and competitively to the requirements of the Procuring Entity. In the context of competitive Quotations, the specifications shall be prepared to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, and performance of the Goods and related services to be procured. The specifications should require that all items, materials and accessories to be included or incorporated in the Goods be new, unused and of most recent or current models, and that they include or incorporate all recent improvements in design and materials.
3. Technical Specifications of the Goods and related services shall be in compliance with the requirements of the Procuring Entity specified in this document. Quotationer is required to mention make / model (as applicable) of the Goods offered and must attach the appropriate original printed (if not available copied) literature / brochures for the listed items.