



Bio-Resources Development Centre

(A Government of Meghalaya R & D Institution under Science & Technology, Planning Department)

5¹/₂ Mile, Upper Shillong, Shillong – 793009, Meghalaya.



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GOVERNMENT OF MEGHALAYA

BIO-RESOURCES DEVELOPMENT CENTRE(BRDC)

Request For Quotation (RFQ)

FOR

Procurement of ISO Method at QCAL BRDC Experimental Farm Laitmysaw,
Upper Shillong

Project Director,
Science & Technology Cell,
PIP & SD Department & Member Secretary,
Bio-Resources Development Centre, Shillong

REQUEST FOR QUOTATION

Procurement of ISO Method at QCAL BRDC Experimental Farm Laitmynsaw,
Upper Shillong

Purchaser: *Bio-Resources Development Centre*

Contract title: *Procurement of ISO Method at QCAL BRDC Experimental Farm
Laitmynsaw, Upper Shillong*

RFQ No: E-File No: P4-PLN/BRDC/17124/2025/NF/93

S#	Description	Date & Time
1	Date of Issue of RFQ	30th March, 2026
2	Last Date and Time of submission of RFQs	14th April, 2026 at 3:30 P.M
3	Opening of RFQs	To be notified

**INVITATION FOR QUOTATIONS FOR PROCUREMENT OF ISO METHOD AT
QCAL BRDC EXPERIMENTAL FARM LAITMYNSAW, UPPER SHILLONG**

TO

Dear Sir/Madam,

**Subject: Invitation for quotations Procurement of ISO Method at QCAL BRDC
Experimental Farm Laitmynsaw, Upper Shillong**

You are invited to submit your most competitive quotation for the following goods as per the mentioned lots below: -

***Detailed Specifications given at Annexure I**

ISO Method for Molecular Biology Laboratory				
Sl. No.	Method no.	QTY	Consignee Address	Delivery Period
1	ISO 21569:2005	1	As mentioned in T&C Cl. 4	To be mentioned in the Supply Order.
2	ISO 21569:2005/ Amd 1:2013	1		
3	ISO/DIS 21569-1	1		
4	ISO/TS 21569-2:2021	1		
5	ISO/TS 21569-3:2020	1		
6	ISO/TS 21569-4:2016	1		
7	ISO/TS 21569-5:2016	1		
8	ISO/TS 21569-6:2026	1		
9	ISO/TS 21569-7:2022	1		
10	ISO/TS 21569-8:2025	1		
11	ISO/TS 21569-9:2025	1		
12	ISO 21570:2005	1		

13	ISO 21570:2005/ Amd 1:2013	1		
14	ISO 21571:2005	1		
15	ISO 21571:2005/ Amd 1:2013	1		
16	ISO 24276: 2006	1		
17	ISO 24276:2006/ Amd 1:2013	1		
18	ISO 16577:2022	1		
19	ISO 5725-2:2025	1		
20	ISO 24333:2009	1		
21	ISO 20395:2019	1		

ISO METHODS FOR DIFFERENT PARAMETERS OF FOOD AND WATER REQUIRES FOR MICROBIOLOGY LABORATORY					
FOOD PRODUCTS					
Sl.No	PARAMETERS	METHOD No.	QTY	Consignee Address	Delivery Period
1	Total Plate Count	ISO 4833-1:2013	1	As mentioned in T&C Cl. 4	To be mentioned in the Supply Order.
		ISO 4833-1:2013/Amd 1:2022	1		
2	Yeast and Mould	ISO 21527-1:2008	1		
		ISO 21527-2:2008	1		
3	Coliform	ISO 4832:2006	1		

4	E.coli	ISO 16649-2:2001	1		
		ISO 7251:2005	1		
		ISO 7251:2005/Amd 1:2023	1		
5	Enterobacteriaceae	ISO 21528-1:2017	1		
		ISO 21528-2:2018	1		
6	Salmnella	ISO 6579-1:2017	1		
		ISO 6579-1:2017/Amd 1:2020			
7	Staphylococcus aureus	ISO 6888-1:2021	1		
		ISO 6888-1:2021/Amd 1:2023	1		
8	Bacillus cereus	ISO 7932:2004/Amd 1:2020	1		

9	Sulphite reducing Clostridia	ISO 15213-1:2023	1		
10	Clostridium botulinum & Clostridium perfringens	ISO 15213-2:2023	1		
11	Listeria monocytogenes	ISO 11290-1:2017	1		
		ISO 11290-2:2017	1		
12	Shigella	ISO 21567:2004	1		
13	Vibrio cholera & vibrio parahaemolyticus	ISO 21872-1:2017	1		
		ISO 21872-1:2017/Amd 1:2023	1		
1	Enterococci	ISO 7899-2:2000	1		
2	Escherichia coli & Coliform	ISO 9308-1:2014	1		
		ISO 9308-2:2012	1		
		ISO 9308-1:2014/Amd 1:2016	1		
3	Total Plate Count	ISO 6222:1999	1		

Terms and Conditions

1. **Eligibility:** A Bidder (a) shall not participate in more than one Quotation; (b) shall not have Conflict of interest as defined in the Procurement Regulations; and (c) should not have been (i) temporarily suspended or debarred by the State/Central Government/PSU's or (ii) blacklisted or suspended by Central or any State Government Departments in India.
2. **Clarifications & Amendments:** If the Purchaser receives any request for clarification of this RFQ Document, it will upload its response together with any amendment to this document, on www.megbrdc.nic.in for information of all Bidders. Bidders should check on the website, for any amendments to the terms and conditions and for Award of Contract.
3. **Delivery of Items:** 30 days from the date of issue of the Purchase Order. All aspects of safe delivery shall be the exclusive responsibility of the vendor.
4. **Consignee Address (and quotation Delivery Address):**
Bio-Resources Development Centre, 5 ½ Mile, Upper Shillong - 793009
5. **Quotation Price**
 - a) The quantity offered should be 100% of the requirement for the quoted amount. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
 - b) All duties, taxes and other levies payable on the raw materials and components shall be included in the total price.
 - c) The transportation and installations charges should be included in the financial quotations and no other additional cost than what is quoted by the vendor will be accepted by BRDC
 - d) Goods and Service Tax (GST) should be indicated separately.
 - e) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
 - f) Bidder must expressly mention the name/brand/model of the items offered by them in the price schedule along with proper product brochures.
 - g) The bidder must mention in details about the product being offered in lieu of the specified specifications and not by simply mentioning "Complied". Such bids with no proper details are likely to be disqualified.

6. Qualification of Bidders

- a) Have the legal capacity to enter into a contract;
- b) Not be insolvent, in receivership, bankrupt or being wound up or subject to legal proceedings for any of these circumstances;
- c) Not have had your business activities suspended or debarred from public procurement by the State Government of Meghalaya or Government of India.

7. **Validity of Quotation:** Quotations shall remain valid for a period not less than 90 days after the deadline date specified for submission.

8. **Documents Evidencing Qualification:** Bidders are requested to submit copies of the following documents as evidence of your qualification.

- a. Valid trading license/registration or equivalent/Exemption Certificate
- b. Valid certificate of GST registration
- c. Self-declaration to the effect the bidder is not insolvent, in receivership, bankrupt or being wound up or subject to legal proceedings for any of these circumstances.
- d. Self-declaration that the bidder's business activities are not suspended or debarred from public procurement by the State Government of Meghalaya, any other State Government or Government of India.

9. **Evaluation of Quotations:** The Purchaser will evaluate and compare the quotations that are determined to be substantially responsive i.e., which

- (a) are properly signed; and
- (b) Confirm to the terms and conditions and specifications.
- (c) Any historical information, if required may be asked from the bidders during evaluation of quotes.
- (d) Bid submitted should be in English Language only
- (e) The quotation will be evaluated on a Lot wise basis.

10. **Award of contract:** The Purchaser will award the supply orders to the bidders whose quotations have been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

- a. Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract. The numbers against each item may increase or decrease at the time of issuing the Purchase Order.
- b. The bidder whose quotation is accepted will be notified of the issue of Supply Order by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the supply order (sample form attached)

11. **Warranty/Guarantee:** Normal commercial warranty/ guarantee shall be applicable to the supplied goods (extended warranty) if required will be mentioned in the technical specifications.
12. You are requested to provide your sealed quote latest by 3:30 P.M on 14th April, 2026. Quotations that have been submitted on or before time will be notified for opening date.
13. **Late and delayed quotation:** Late and delayed quotations will not be considered. In case any unscheduled holiday occurs on prescribed closing/opening date, the next working day shall be the prescribed date of closing/opening.
14. **Payment:** Payment will be made within 30 days from the date of successful delivery and acceptance of goods at BRDC Shillong, generally through RTGS / FUND TRANSFER. Following information must be clearly written in the quotation for RTGS / FUND TRANSFER: -
 - (a) Name of the Firm with complete postal address
 - (b) Name of the Bank with Branch where the Account exist
 - (c) IFSC CODE
 - (d) ACCOUNT No
 - (e) PAN No.
15. **Installation Charges:** Supplier shall be responsible for installation whichever applicable and should have technical expertise and trained personnel to render "After Sales Services" during the warranty period.
16. Expenditure involves towards any extra materials required or labour involved for successful installation of the equipment, if not quoted for, would have to be borne by the tenderer.
17. Rates should be quoted as per format in ANNEXURE 1: FORMAT OF QUOTATION
18. We look forward to receiving your quotations and thank you for your interest in this bid.
19. As stated in the purchase order or tender document, the supplier must supply official standards and analytical techniques issued by the International Organization for Standardization (ISO).
20. The bidder needs to be an approved vendor, distributor, or supplier who can provide authentic ISO standards. If necessary, the procurement authority may ask for written evidence of authorization.

21. All ISO standards must be authentic and acquired straight from ISO or one of its approved resellers. Unauthorized, photocopied, or replicated copies will not be allowed.
22. At the time of delivery, the supplier shall guarantee that the most recent edition or version of the ISO standard is provided.
23. The provider must produce the necessary ISO standards within the time frame given in the agreement or purchase order.
24. Unless otherwise noted, the quoted price should include all relevant taxes, customs, and shipping fees. Prices should be valid for the duration specified in the tender.
25. In compliance with the procurement organization's financial regulations, payment will be paid following the successful delivery, verification of the provided ISO standards, and submission of the original invoice.
26. The provider will replace any delivered standard at no extra cost to the procuring authority if it is discovered to be inaccurate, incomplete, out-of-date, or damaged.
27. Every ISO standard has copyright protection. The purchasing organization must adhere to the International Organization for Standardization's copyright restrictions and use the acquired standards exclusively for internal official purposes.
28. The bidder's bid will be valid for at least ninety days following the date of submission.
29. The purchasing authority retains the right, at any time and for any reason, to withdraw or alter the tender.
30. In accordance with existing rules and regulations, any disagreement resulting from this tender will fall within the jurisdiction of the relevant courts.

Important: - The BRDC may accept or reject any or all the bids in part or in full without assigning any reason and doesn't bind itself to accept the lower bid. The BRDC at its discretion may change the quantity / upgrade the criteria / drop any item or there-of at any time before placing the work Order.

Sd/-
**Project Director,
Science & Technology Cell,
PIP & SD Department & Member Secretary,
Bio-Resources Development Centre,
Shillong.**

ANNEXURE 1: FORMAT OF QUOTATION

Sl. No.	Description of Goods	Unit	Quoted Unit Rate Lot wise at destination in Rs.	GST and similar other taxes applicable on finished Goods/ Services	Total Price per line item at Destination - inclusive of discounts, all taxes and duties	
					In Figures	In Words
1						

Gross Total Cost: Rs.

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs..... (Amount in figures) (Rs. amount in words) within the period specified in the Invitation for Quotations.

We also confirm that commercial warrantee/ guarantee of at least 12 months shall apply to the offered goods.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery or collusive agreements with competitors.

Signature of Supplier

SUPPLY ORDER

To:
M/s

.....
.....

Dear Sir,

Sub: Supply of

Reference: Your Quotation no..... Dated

Your quotation no..... of (Date) for the supply of has been accepted. You are requested to supply the following goods/equipment at the rates quoted by you and specified against each as per the specifications and terms & conditions specified hereunder:

Sl#	Brief description of goods/ services	Specifications	Quantity to be supplied	Unit Rate (Rs.)	Total Price (Rs.)
1					
Total					

1. Delivery Period: Within 30 Day(s) from the date of issue of this supply order.
2. Place of delivery: As mentioned in Clause 4 of T&C
3. Consignee Address: Bio-Resources Development Centre, 5 ½ Mile, Upper Shillong - 793009
4. GST if any will be paid at actual prevailing on the date of supply (if not already included in the cost above.
5. Extended Warranty/Guarantee shall be 1 Years from the date of delivery and acceptance.
6. Payment shall be made within 30 days of delivery; and acceptance of the goods/equipment.
7. Additional terms and conditions (if Any) may be added by the Purchasers at the time of issuing the Supply Order.

(Purchaser)

Sd/-
**Project Director,
Science & Technology Cell,
PIP & SD Department & Member Secretary,
Bio-Resources Development Centre,
Shillong.**

Specification

ISO Method for Molecular Biology Laboratory			
Sl. No.	Method no.	Method name	QTY
1	ISO 21569:2005	Foodstuffs — Methods of analysis for the detection of genetically modified organisms and derived products — Qualitative nucleic acid-based methods	1
2	ISO 21569:2005/Amd 1:2013	Foodstuffs — Methods of analysis for the detection of genetically modified organisms and derived products — Qualitative nucleic acid-based methods Amendment 1	1
3	ISO/DIS 21569-1	Horizontal methods for molecular biomarker analysis — Methods of analysis for the detection of genetically modified organisms and derived products Part 1: Qualitative nucleic acid-based methods	1
4	ISO/TS 21569-2:2021	Molecular biomarker analysis — Methods of analysis for the detection of genetically modified organisms and derived products Part 2: Construct-specific real-time PCR method for detection of event FP967 in linseed and linseed products	1
5	ISO/TS 21569-3:2020	Horizontal methods for molecular biomarker analysis — Methods of analysis for the detection of genetically modified organisms and derived products Part 3: Construct-specific real-time PCR method for detection of P35S-pat-sequence for screening for genetically modified organisms	1
6	ISO/TS 21569-4:2016	Horizontal methods for molecular biomarker analysis — Methods of analysis for the detection of genetically modified organisms and derived products Part 4: Real-time PCR based screening methods for the detection of the P-nos and P-nos-nptII DNA sequences	1
7	ISO/TS 21569-5:2016	Horizontal methods for molecular biomarker analysis — Methods of analysis for the detection of genetically modified organisms and derived products Part 5: Real-time PCR based screening method for the detection of the FMV promoter (P-FMV) DNA sequence	1
8	ISO/TS 21569-6:2026	Horizontal methods for molecular biomarker analysis — Methods of analysis for the detection of genetically modified organisms and derived products Part 6: Real-time PCR based screening methods for the detection of cry1Ab/Ac and Pubi-cry DNA sequences	1
9	ISO/TS 21569-7:2022	Horizontal methods for molecular biomarker analysis — Methods of analysis for the detection of genetically modified organisms and derived products Part 7: Real-time PCR based methods for the detection of CaMV and Agrobacterium Ti-plasmid derived DNA sequences	1

10	ISO/TS 21569-8:2025	Horizontal methods for molecular biomarker analysis — Methods of analysis for the detection of genetically modified organisms and derived products Part 8: DNA extraction from alfalfa seeds and real-time PCR based detection methods for genetically modified alfalfa events J101, J163 and KK179	1
11	ISO/TS 21569-9:2025	Horizontal methods for molecular biomarker analysis — Methods of analysis for the detection of genetically modified organisms and derived products Part 9: Construct-specific real-time PCR based screening method for the detection of the P35S-nptII DNA-sequence	1
12	ISO 21570:2005	Foodstuffs- Method of Analysis for the Detection of Genetically Modified Organisms and Derived Products - Quantitative Nucleic Acid Based Methods	1
13	ISO 21570:2005/Amd 1:2013	Foodstuffs — Methods of analysis for the detection of genetically modified organisms and derived products — Quantitative nucleic acid based methods Amendment 1	1
14	ISO 21571:2005	Foodstuffs- Method of Analysis for the Detection of Genetically Modified Organisms and Derived Products - Nucleic Acid extraction	1
15	ISO 21571:2005/Amd 1:2013	Foodstuffs — Methods of analysis for the detection of genetically modified organisms and derived products — Nucleic acid extraction Amendment 1	1
16	ISO 24276: 2006	Foodstuffs- Method of Analysis for the Detection of Genetically Modified Organisms and Derived Products - General Requirements and Definitions	1
17	ISO 24276:2006/Amd 1:2013	Foodstuffs — Methods of analysis for the detection of genetically modified organisms and derived products — General requirements and definitions Amendment 1	1
18	ISO 16577:2022	Molecular biomarker analysis — Vocabulary for molecular biomarker analytical methods in agriculture and food production	1
19	ISO 5725-2:2025	Accuracy (trueness and precision) of measurement methods and results Part 2: Basic method for the determination of repeatability and reproducibility of a standard measurement method	1
20	ISO 24333:2009	Cereals and cereal products — Sampling	1
21	ISO 20395:2019	Biotechnology — Requirements for evaluating the performance of quantification methods for nucleic acid target sequences — qPCR and dPCR	1

**ISO METHODS FOR DIFFERENT PARAMETERS OF FOOD AND WATER
REQUIRES FOR MICROBIOLOGY LABORATORY**

FOOD PRODUCTS

Sl.No	PARAMETERS	METHOD NAME	METHOD No.	QTY
1	Total Plate Count	Microbiology of the food chain — Horizontal method for the enumeration of microorganismsPart 1: Colony count at 30 °C by the pour plate technique	ISO 4833-1:2013	1
		Microbiology of the food chain — Horizontal method for the enumeration of microorganisms — Part 1: Colony count at 30 °C by the pour plate techniqueAmendment 1: Clarification of scope	ISO 4833-1:2013/Amd 1:2022	1
2	Yeast and Mould	Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and mouldsPart 1: Colony count technique in products with water activity greater than 0,95	ISO 21527-1:2008	1
		Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 2: Colony count technique in products with water activity less than or equal to 0,95	ISO 21527-2:2008	1

3	Coliform	Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of coliforms — Colony-count technique	ISO 4832:2006	1
4	E.coli	Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide	ISO 16649-2:2001	1
		Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of presumptive Escherichia coli — Most probable number technique	ISO 7251:2005	1
		Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of presumptive Escherichia coli — Most probable number technique Amendment 1: Inclusion of performance testing of culture media and reagents	ISO 7251:2005/Amd 1:2023	1

5	Enterobacteriaceae	Microbiology of the food chain — Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae	ISO 21528-1:2017	1
		Microbiology of the food chain — Horizontal method for the detection and enumeration of Enterobacteriaceae Part 2: Colony-count technique	ISO 21528-2:2018	1
6	Salmnella	Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella Part 1: Detection of Salmonella spp.	ISO 6579-1:2017	1
		Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp. Amendment 1: Broader range of incubation temperatures, amendment to the status of Annex D, and correction of the composition of MSRV and SC	ISO 6579-1:2017/Amd 1:2020	

7	Staphylococcus aureus	Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species)Part 1: Method using Baird-Parker agar medium	ISO 6888-1:2021	1
		Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) — Part 1: Method using Baird-Parker agar mediumAmendment 1	ISO 6888-1:2021/Amd 1:2023	1
8	Bacillus cereus	Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of presumptive Bacillus cereus — Colony-count technique at 30 degrees CAmendment 1: Inclusion of optional tests	ISO 7932:2004/Amd 1:2020	1
9	Sulpghite reducing Clodtridia	Microbiology of the food chain — Horizontal method for the detection and enumeration of Clostridium spp.Part 1: Enumeration of sulfite-reducing Clostridium spp. by colony-count technique	ISO 15213-1:2023	1

10	Clostridium botulinum & Clostridium perfringens	Microbiology of the food chain — Horizontal method for the detection and enumeration of Clostridium spp.Part 2: Enumeration of Clostridium perfringens by colony-count technique	ISO 15213-2:2023	1
11	Listeria monocytogenes	Microbiology of the food chain — Horizontal method for the detection and enumeration of Listeria monocytogenes and of Listeria spp.Part 1: Detection method	ISO 11290-1:2017	1
		Microbiology of the food chain — Horizontal method for the detection and enumeration of Listeria monocytogenes and of Listeria spp.Part 2: Enumeration method	ISO 11290-2:2017	1
12	Shigella	Microbiology of food and animal feeding stuffs — Horizontal method for the detection of Shigella spp.	ISO 21567:2004	1
13	Vibrio cholera & vibrio parahaemolyticus	Microbiology of the food chain — Horizontal method for the determination of Vibrio spp.Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus	ISO 21872-1:2017	1

		Microbiology of the food chain — Horizontal method for the determination of <i>Vibrio</i> spp. — Part 1: Detection of potentially enteropathogenic <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i> . Amendment 1: Inclusion of performance testing of culture media and reagents	ISO 21872-1:2017/Amd 1:2023	1
WATER				
1	Enterococci	Water quality — Detection and enumeration of intestinal enterococciPart 2: Membrane filtration method	ISO 7899-2:2000	1
2	Escheriachia coli & Coliform	Water quality — Enumeration of <i>Escherichia coli</i> and coliform bacteriaPart 1: Membrane filtration method for waters with low bacterial background flora	ISO 9308-1:2014	1
		Water quality — Enumeration of <i>Escherichia coli</i> and coliform bacteriaPart 2: Most probable number method	ISO 9308-2:2012	1
		Water quality — Enumeration of <i>Escherichia coli</i> and coliform bacteria — Part 1: Membrane filtration method for	ISO 9308-1:2014/Amd 1:2016	1

		waters with low bacterial background floraAmendment 1		
3	Total Plate Count	Water quality — Enumeration of culturable micro-organisms — Colony count by inoculation in a nutrient agar culture medium	ISO 6222:1999	1

The rate quoted should include:

- Make/Brand Name with installation
- F.O. R BRDC, Upper Shillong, 5 ½ Mile, Upper Shillong
- Warranty Period minimum 1 years with after sales service.
- Installation etc.