



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 50TB Usable Capacity NAS Storage under BRDC

Joint Secretary to the Govt. Of Meghalaya,
Planning Department &
Member Secretary,
Bio-Resources Development Centre, 5 1/2 Mile, Upper Shillong.

REQUEST FOR QUOTATION

Procurement of 50TB Usable Capacity NAS Storage under BRDC

Purchaser: *Bio-Resources Development Centre*

Contract title: *Procurement of 50TB Usable Capacity NAS Storage under BRDC*

RFQ No: E-File No: P3-PLN/BRDC/0197/2023/NF/156

S#	Description	Date & Time
1	Date of Issue of RFQ	9th July , 2024
2	Last Date and Time of submission of RFQs	18th July, 2024 at 2:00 P.M
3	Opening of RFQs	18th July, 2024 at 2:30 P.M

INVITATION FOR QUOTATIONS FOR PROCUREMENT OF 50TB USABLE CAPACITY NAS STORAGE UNDER BRDC

TO

Dear Sir/Madam,

Subject: Invitation for quotations for Procurement of 50TB Usable Capacity NAS Storage

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**

Sl#	Brief Description of Goods	Qty	Consignee Address	Delivery Period
1	50TB Usable Capacity NAS Storage	1 No	As mentioned in T&C Cl. 4	To be mentioned in the Supply Order.

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.

- e. Experience Criteria: Copies of contract/s or purchase orders or completion certificates issued on the name of the Bidder demonstrating its experience in similar product/services in the last 3 years (2020 – 2023)
 - f. Audited Financial Statements of last three years (2020 – 2023) demonstrating the average annual turnover of INR 5 lakh
- 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 2:00 P.M on 18th July, 2024. Quotations that have been submitted on or before time will be opened at 2:30 P.M on 18th July, 2024 or it will be extended to the next working day.
- 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.

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/-
Shri Gunanka D. B. IFS,
Joint Secretary to the Govt. of Meghalaya &
Member Secretary,
Bio-Resources Development Centre,
5 1/2 Mile, Upper 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 3 Years 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 3 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/-

**Shri Gunanka D. B. IFS,
Joint Secretary to the Govt. of Meghalaya &
Member Secretary,
Bio-Resources Development Centre,
5 ½ Mile, Upper Shillong**

Annexure I

S. No.	Features	Minimum Requirements
1	Model Offered	
2	Rack mount	Base NAS Controller Should be rack mounted with a form factor of not more than 2U. Bidder can include additional enclosure as required
3	Processor	Two Intel 2.8GHz/8-core or higher
4	Memory	128GB Memory or More
5	Hard Drives	<ol style="list-style-type: none"> 1. Shall be supplied with minimum of 50TB usable with 7.2KRPM HDD or SSD 2. Offered NAS Storage shall have separate dedicated dual 480GB M.2 or more NVMe SSD drives for Operating system in Raid 1+0. 3. Offered boot drive shall not consume any Disk bay slots.
6	Storage expandability	<ol style="list-style-type: none"> 1. Offered NAS controller shall support at-least 28 internal LFF Slots 2. Offered storage shall also have capability to attach additional drive enclosures. NAS shall support at-least 300TB using SAS / SAS -NL drives by providing associated hardware whenever required.
7	Network Connectivity	Minimum 4 x 1Gbps ethernet Base -T ports , 2 Nos 10G Base-T
8	Protocols support	ISCSI, FTP, FTPS, CIFS/SMB 3.0, 3.02, 3.1.1, HTTP, HTTPS, NFS 4.1, WebDev etc.
9	Fault Tolerance for internal drives	Offered NAS shall support Raid 0, Raid 1, and Raid 5 for internal drives. Offered Raid controller shall have minimum of x16 Lanes and 4GB cache.
10	Fault Tolerance for external drives	Offered NAS shall support Raid 0, Raid 1, and Raid 5 for additional disk enclosures.
11	Network Client Types Support	Should support Windows 11, Windows 2019/2022, , HP-UX, AIX, SOLARIS, Linux etc.
12	Operating System	Microsoft Windows Storage IOT 2022 storage standard edition or better
13	De-duplication	<p>Offered NAS shall have block based De-duplication which can be enabled for for all required volumes. De-duplication engine shall have:</p> <ol style="list-style-type: none"> 1. Flexibiity to decide the multiple schedules when de-duplication process can be run. 2. Flexibility to limit the time period of de-duplication process so that production operations remains intact. 3. Flexibility to bypass the recent files under the de-duplication process so that production operations remains intact. 4. License for De-duplication shall be provided. 5. Shall support more than 64TB of file system for de-duplication.

14	File screening and quota management	<p>1. Offered NAS shall have support for file screening so that administrator can ensure that users shall not be able to store unwanted files on offered NAS device.</p> <p>2. Offered NAS shall have Quota management for both Volume and Directory.</p> <p>3. Software for both File screening as well as Quota management shall be provided.</p>
15	File Management	<p>1. Shall have flexibility to expire or move files to different folder / Location / Volumes / drives on the basis of policies like day of creation / modification / access of on the basis of file pattern like extension.</p> <p>2. Shall also be able to expire or move files to different folder / Location / Volumes / Drives on the basis of content classification within files.</p>
16	SAN storage (iSCSI based)	Integrated iSCSI for block access over LAN.
17	Snapshots	Point in time copies of your data to guard against data corruption.
18	Encryption and compression	Shall have support for 256 bit encryption and Compression. License for both of same shall be offered.
19	Cloud Integration	<p>Offered NAS shall be able to integrate with Microsoft Azure - running with valid subscription with following features:</p> <p>1. Azure File Sync</p> <p>2. Azure backup</p>
20	Replication	Offered NAS shall also be supported with leading NAS replication softwares in the industry and shall also have 100TB license for replication through DFS-R
21	Web Based Management	Shall have web based interface to manage and monitor system health, capacity, performance, hardware events, quotas, snapshots, authentication and network services
22	Capacity Insights	Capacity planning with a granular historical utilization dashboard with growth rate and usage trends
23	FAN and Power Supply	Dual redundant Power supply and redundant FANs
24	Warranty	3 years warranty with next business day on-site support. Warranty should reflect in the support web site of the OEM.

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.