



**REQUEST FOR QUOTATION (RFQ) #
ASLM/ACDC/IT/04/24/23(Readvertised)**

**FOR THE SUPPLY, DELIVERY, INSTALLATION, TRAINING OF IT
EQUIPMENT & ACCESSORIES TO VARIOUS AFRICAN COUNTRIES**

CLOSING DATE: 25 SEPTEMBER 2023 @12pm EAT Time

1.0 INTRODUCTION

The African Society for Laboratory Medicine (ASLM) is a Pan-African professional body, working to advocate for the critical role and needs of laboratory medicine and networks throughout Africa. For more information, please visit our website at <https://aslm.org>.

2.0 REQUIREMENTS AND SPECIFICATIONS

The African Society for Laboratory Medicine (ASLM) is soliciting quotations from supplier(s), manufacturers, authorised Agents, or vendor(s) with presence and capacity to supply, deliver, install and train users timely in different regions of Africa.

2.1. The Incoterm shall be CIP to the nearest airport in the stated City/Town. A clear line cost for freight should be clearly shown in the quotation.

2.2. All quoted items should be supplied with full warranty of at least 1 year, where applicable. Additionally, installations and training should be conducted by certified agents/representatives.

2.3. As can see in the table below and also in the Appendix, the requirements are placed in **Lots and bidders are required to quote full items per lot. Partial quotation per lot will NOT be accepted.**

2.4. Where vendors are bidding for more than one lot they should not assume they will be awarded the whole and combine any charges.

2.5. **For the servers, please include also a once-off perennial licence so that no annual renewal is required.**

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Table1: *List of Required Goods*

Lot #	Lot Description	Delivery Address	Specifications
Lot 3	Server installation at INRB	Institut National de Recherche Biomédicale, Kinshasa, DRC	<u>See Appendix 1</u>
Lot 4	Computers and Other devices at INRB	Institut National de Recherche Biomédicale, Kinshasa, DRC	<u>See Appendix 2</u>
Lot 5	Installation of Upgraded Server at ACEGID	African Centre of Excellence for Genomics of Infectious Diseases, Nigeria	<u>See Appendix 3</u>
Lot 6	Upgrade of Server at IPD	Institut Pasteur de Dakar, Senegal	<u>See Appendix 4</u>

3.0 MANDATORY REQUIREMENTS

- Company profile with Certificate of Incorporation, Tax Clearance and all other applicable licenses, permit, authorizations, affiliations and certifications required per applicable laws and regulations. The company profile should provide additional information such as Registration name and trading name if applicable, physical address, telephone, contact person, period in business, key personnel/management and line of business. Reference(s) or proof of where the bidder has supplied before. Proof of financial capability is further required. For Agents, manufacturer authorisation/dealership letter is needed that also confirm authority to install and train users on the equipment.

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4.0 EVALUATION CRITERIA AND SUBMISSION REQUIREMENTS

The selection method for this RFQ is **Lowest Price Technically Acceptable (LPTA)**. This entails that ASLM will select or award the lowest bidder who meet the specifications provided. Bidders are advised and cautioned against under-pricing their bids with the intention of supplying sub-standard commodities or alternatively to seek price variation after the award of the contract.

5.0 CONTRACT TYPE

For this procurement, ASLM will issue out a Firm Fixed Price Contract on its terms and conditions indicating the supplier's quoted firm fixed price, description of the item(s), quantity, delivery location(s) and other instructions.

6.0 SUBMISSION REQUIREMENTS

Completed bids must be addressed to the Procurement Committee and send electronically on or before the closing date and time to rfpsubmission@aslm.org **ONLY**.

Quotation per lot, per destination and relevant attachments should be preferable in one pdf document, and any pictorials may be on a web link as part of the document or on the same document. E.g. if submitting 4 quotations, 4 individual pdfs with Lot/titles/subjects clear like **Lot 3 Server installation at INRB.**

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7.0 PROPOSED TIMELINES

Date	Activity
15 September 2023	Release of RFQ and publicly posted on ASLM website.
20 September 2023	Deadline for submission of inquiries related to this RFQ directed to Email to: rfpsubmission@aslm.org and all questions must clearly identified with the solicitation #
	Indicate the RFQ number indicated at the top of this RFP (i.e. RFQ #) in your proposals.
21 September 2023	Response to all inquiries released and posted publicly on ASLM website
25 September 2023	Deadline for Proposal submission.
30 September 2023	Final decision announced and Bidders receive feedback
1 October 2023	Contract confirmed & issued out.

While ASLM is desirous of maintaining the proposed timelines, delays necessitated by unforeseen circumstances.

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8.0 ASLM TERMS AND CONDITIONS

The following are the terms and conditions of ASLM and any exceptions to these should be noted in writing at submission:

8.1. This RFQ is not an offer to enter into agreement with any party, but rather a request to receive proposals from companies interested in providing the goods or services outlined in this RFQ.

8.2. The specifications prescribed are not in any way limited to any specific tenderer as they are based on generally achievable requirements and thus, participation in this solicitation is open to all legal vendors that are registered and comply with the laws of doing business in the applicable country(ies) where services will be rendered. The necessary legal, commercial, technical and financial requirements should be satisfied.

8.3. ASLM does not bind itself to accept the lowest tender price and reserves the right to reject all submissions, in whole or in part, enter into negotiations with any party, and/or award multiple contracts.

8.4. ASLM reserves the right (but is not under obligation to do so) to enter into discussions with one or more respondents in order to obtain clarifications or additional details, to suggest service delivery refinements in the proposal or other aspects of the proposal, or to negotiate the cost quotation.

8.5. All quotations **MUST** be typed, on company official letterhead with full contact details including physical address, contact phone, email. Submissions **MUST** be received on or before the **closing date** and **time** and all bids received after the closing date and time may not be considered.

8.6. ASLM shall **NOT** be responsible for any costs involved in the preparation and submission of bids or proposals. All costs to be borne by the bidder and this is irrespective of the outcome.

8.7. Bid validity of quotation/proposals shall be 90 days.

8.8. Unless otherwise specified in the final contract, full payment will be made by ASLM to the Vendor within 30 days of receipt of invoice from the Vendor and either delivery of goods or completion of required deliverable.

8.9 ASLM provides an equal opportunity for any vendor/supplier to participate irrespective of race, colour, religion, sex, or national origin and will receive equal treatment.

8.10. By participating, preparation and submitting this quotation or proposal, you represent that none from your organization has any conflict of interests.

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8.11. To the maximum extent practical and possible, ASLM will strive to ensure that the finances provided in this procurement do not support organisations, companies and individuals associated with acts of terrorism, prostitution and drug trafficking.

8.12. ASLM reserves the right to delay, amend, reissue, or cancel all or part of this RFQ at any time but feedback will be provided to the vendors who participated. Additionally, ASLM will be under no obligation to reveal, or discuss with any bidder how a quotation/proposal was assessed, or to provide any other information relative to the selection process. Respondents whose quotations are not selected will be notified in writing and shall have no claim whatsoever for any kind of compensation.

8.13. ASLM reserves the right to waive or permit cure of non-material variances in the bid proposal if, in the judgment of ASLM, it is in ASLM's best interest to do so. Non-material variances include minor informalities that do not affect responsiveness; that are merely a matter of form or format; that do not change the relative standing or otherwise prejudice other vendors; that do not change the meaning or scope of the RFQ; or that do not reflect a material change in the services. In the event ASLM waives or permits cure of nonmaterial variances, such waiver or cure will not modify the RFQ requirements or excuse the vendor from full compliance with RFP specifications or other contract requirements if the vendor is awarded the contract. The determination of materiality is in the sole discretion of ASLM.

8.14. Failure to provide any of the above specifications and requirements may be considered non-responsive and disqualify the bidder from final selection.

8.15. **ASLM ETHICAL STATEMENT:** As part of its commitment to engrain a culture of honesty and integrity in all its business processes, unethical conduct such as undisclosed conflict of interests, bribes and kick-backs and other corrupt activities are strictly prohibited and denounced. No employees at ASLM are not allowed to use their position(s) to pursue personal and unethical gain. In the same vein, bidders or potential suppliers and contractors are proscribed from offering bribes aimed at influencing the process and the outcome(s). ASLM implore vendors to embrace this culture in their interactions with us. Violation of this ethical principle and requirement will result in the supplier or service provider disqualified and ASLM will not solicit or accept bids in the future from the same. Should you experience or suspect unethical behaviour by an ASLM employee, please reach out to: ethics@aslm.org

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APPENDIX 1: List of Required Items

LOT 3:

INRB_Kinshasa_Bioinformatic_Laboratory	
Designation	Specifications
Backup and connectivity	
<i>PowerEdge R840 Rack Server</i>	<p>SERVEUR DELL POWEREDGE R840 Configuration du Boîtier : R840 8 x 2.5" Chassis, 8 SAS/SATA bays Processeur : 4 x Intel® Xeon® Gold 6252 2.1G, 24C/48T, 10.4GT/s, 35.75M Cache, Turbo, HT (150W) DDR4- Configuration Thermique du Processeur : 4 CPU (GPU Ready) Mémoire : 4 x 16G DDR4 3200 (64Gb) Operating System : none Disque Dur : Hard drive 4x 1.92T SSD SATA 2.5 (8Tb) RAID : C1, No RAID for HDDs/SSDs (Mixed Drive Types Allowed) Contrôleurs RAID : Internal Storage/RAID Controllers : PERC H350 low profile adapter Alimentation électrique : Dual, Hot-plug, Redundant Power Supply (1+1), 1600W, and 250 Volt Power Cord BIOS : Power Saving DELL Active Power Controller Carte de Montage PCie : Riser Config1, 4 PCIe slots (2 x16 Full height GRAPHICS slots + 2 x16 Low profile), GPU capable Carte Mère: PowerEdge R840/R940xa MLK V3 Motherboard Gestion des Systèmes Embarqués : Embedded Systems Management (Multi) : iDRAC9, Express Adaptateur Réseau OCP 3.0: Broadcom 5720, Quad Port 1GbE BASE-T, rNDC Facette : PowerEdge 2U Standard Bezel Rails de Rack : 2U Combo Drop-In/Stab-In Rail + iDRAC Group Manager, Disabled</p>
<i>PowerEdge T550 Tower Server</i>	<p>Chassis with up to 24x2.5" Drives , 2 CPU Configuration , Intel® Xeon® Platinum 8352M 2.3G, 32C/64T, 11.2GT/s, 48M Cache, Turbo, HT (185W) DDR4-3200 , 64GB RDIMM, 3200MT/s, Dual Rank, 16Gb ,</p>
<i>Stockage disk</i>	Seagate IronWolf Pro ST18000NE000 - Hard drive - 18 TB
<i>Rack</i>	APC NetShelter SX 42U 800mm Wide x 1200mm Deep Enclosure with Sides Black (AR3300X717)
<i>APC Rack</i>	PDU 9000 Switched APDU9953 - power distribution unit - 7400 VA
<i>APC Battery</i>	APC Smart-UPS 5000VA RT UPS Battery Backup (SUA5000RMT5U)

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<i>PowerSwitch N3248X-ON</i>	N3248X-ON, 48x1/2.5/5/10G RJ-45, 4x25G SFP28, 2x100G QSFP28, 1xAC PSU, IO/PS, OS6 ! Dell Networking, Cable, SFP28 to SFP28, 25GbE, Active Optical Cable, 7 Meter ! Dell Networking Cable, 100GbE, QSFP28 to QSFP28, Passive Copper Direct Attach, 5 Meter ! Dell Networking Cable, OM4 LC/LC Fiber Cable, (Optics required), 10 Meter
<i>Console KVM</i>	8-Port NetDirector™ Rack Console KVM with 17 in LCD- Requires P774/P776-Series PS/2 or USB Cables
<i>Firewall</i>	Fortinet FortiGate 100F - security appliance - with 1 year FortiCare 24X7 Comprehensive Support + 1 year FortiGuard
<i>Sonic Firewall</i>	SonicWall NSa 4650 - Advanced Edition - security appliance - Secure Upgrade Plus
<i>Modem</i>	NETGEAR Nighthawk CAX80 - Wireless router - cable mdm - 4-port switch - GigE, 2.5 GigE - 802.11a/b/g/n/ac/ax - Dual Band
<i>Routeur</i>	TP-Link Archer AX6000 - Wireless router - 8-port switch - GigE, 2.5 GigE, 802.11ax - 802.11a/b/g/n/ac/ax - Dual Band
<i>Server NAS</i>	Synology RackStation SA3200D serveur de stockage NAS Rack (2 U) Ethernet/LAN Noir, Gris D-1521
<i>Routeur Mikrotik</i>	Mikrotik CCR1036-12G-4S Routeur connecté Gigabit Ethernet
<i>Network Unifi</i>	Ubiquiti Networks UniFi UAP-AC-HD, 3dBi, 25dBm, 800Mbps, 4x4 @ 2.4GHz & 4dBi, 25dBm, 1733Mbps, 4x4 @ 5GHz, 2xGigabit
Trainings	
<i>Statistical Skills.</i>	
<i>Programming Skills.</i>	
<i>General Biology Knowledge.</i>	
<i>Knowledge of Genomics and Genetics.</i>	
<i>Database Management.</i>	
<i>Data Mining and Machine Learning.</i>	
<i>Cyber Security</i>	
Software	
<i>Microsoft 365</i>	Once-off perennal license for at least 6 user
<i>Adobe Acrobat</i>	Acrobat Pro 2020 WIN 1 User
<i>Geneious</i>	Geneious Prime 2023
<i>Adobe</i>	Download - Adobe Creative Cloud Individual Subscription, 1 User

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APPENDIX 2: List of Required Items

LOT 4:

INRB_Kinshasa_Bioinformati c_Laboratory	
Designation	Specifications
Backup and connectivity	
<i>PowerEdge R840 Rack Server</i>	<p>SERVEUR DELL POWEREDGE R840 Configuration du Boîtier : R840 8 x 2.5" Chassis, 8 SAS/SATA bays Processeur : 4 x Intel® Xeon® Gold 6252 2.1G, 24C/48T, 10.4GT/s, 35.75M Cache, Turbo, HT (150W) DDR4- Configuration Thermique du Processeur : 4 CPU (GPU Ready) Mémoire : 4 x 16G DDR4 3200 (64Gb) Operating System : none Disque Dur : Hard drive 4x 1.92T SSD SATA 2.5 (8Tb) RAID : C1, No RAID for HDDs/SSDs (Mixed Drive Types Allowed) Contrôleurs RAID : Internal Storage/RAID Controllers : PERC H350 low profile adapter Alimentation électrique : Dual, Hot-plug, Redundant Power Supply (1+1), 1600W, and 250 Volt Power Cord BIOS : Power Saving DELL Active Power Controller Carte de Montage PCie : Riser Config1, 4 PCIe slots (2 x16 Full height GRAPHICS slots + 2 x16 Low profile), GPU capable Carte Mère: PowerEdge R840/R940xa MLK V3 Motherboard Gestion des Systèmes Embarqués : Embedded Systems Management (Multi) : iDRAC9, Express Adaptateur Réseau OCP 3.0: Broadcom 5720, Quad Port 1GbE BASE-T, rNDC Facette : PowerEdge 2U Standard Bezel Rails de Rack : 2U Combo Drop-In/Stab-In Rail + iDRAC Group Manager, Disabled</p>
<i>PowerEdge T550 Tower Server</i>	<p>Chassis with up to 24x2.5" Drives , 2 CPU Configuration , Intel® Xeon® Platinum 8352M 2.3G, 32C/64T, 11.2GT/s, 48M Cache, Turbo, HT (185W) DDR4-3200 , 64GB RDIMM, 3200MT/s, Dual Rank, 16Gb ,</p>
<i>Stockage disk</i>	Seagate IronWolf Pro ST18000NE000 - Hard drive - 18 TB
<i>Rack</i>	APC NetShelter SX 42U 800mm Wide x 1200mm Deep Enclosure with Sides Black (AR3300X717)
<i>APC Rack</i>	PDU 9000 Switched APDU9953 - power distribution unit - 7400 VA

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<i>APC Battery</i>	APC Smart-UPS 5000VA RT UPS Battery Backup (SUA5000RMT5U)
<i>PowerSwitch N3248X-ON</i>	N3248X-ON, 48x1/2.5/5/10G RJ-45, 4x25G SFP28, 2x100G QSFP28, 1xAC PSU, IO/PS, OS6 ! Dell Networking, Cable, SFP28 to SFP28, 25GbE, Active Optical Cable, 7 Meter ! Dell Networking Cable, 100GbE, QSFP28 to QSFP28, Passive Copper Direct Attach, 5 Meter ! Dell Networking Cable, OM4 LC/LC Fiber Cable, (Optics required), 10 Meter
<i>Console KVM</i>	8-Port NetDirector™ Rack Console KVM with 17 in LCD- Requires P774/P776-Series PS/2 or USB Cables
<i>Firewall</i>	Fortinet FortiGate 100F - security appliance - with 1 year FortiCare 24X7 Comprehensive Support + 1 year FortiGuard
<i>Sonic Firewall</i>	SonicWall NSa 4650 - Advanced Edition - security appliance - Secure Upgrade Plus
<i>Modem</i>	NETGEAR Nighthawk CAX80 - Wireless router - cable modem - 4-port switch - GigE, 2.5 GigE - 802.11a/b/g/n/ac/ax - Dual Band
<i>Router</i>	TP-Link Archer AX6000 - Wireless router - 8-port switch - GigE, 2.5 GigE, 802.11ax - 802.11a/b/g/n/ac/ax - Dual Band
<i>Server NAS</i>	Synology RackStation SA3200D serveur de stockage NAS Rack (2 U) Ethernet/LAN Noir, Gris D-1521
<i>Routeur Mikrotik</i>	Mikrotik CCR1036-12G-4S Routeur connecté Gigabit Ethernet
<i>Network Unifi</i>	Ubiquiti Networks UniFi UAP-AC-HD, 3dBi, 25dBm, 800Mbps, 4x4 @ 2.4GHz & 4dBi, 25dBm, 1733Mbps, 4x4 @ 5GHz, 2xGigabit
<i>Trainings</i>	
<i>Statistical Skills.</i>	
<i>Programming Skills.</i>	
<i>General Biology Knowledge.</i>	
<i>Knowledge of Genomics and Genetics.</i>	
<i>Database Management.</i>	
<i>Data Mining and Machine Learning.</i>	
<i>Cyber Security</i>	
<i>Software</i>	
<i>Microsoft 365</i>	Once-off perennial license for at least 6 user
<i>Adobe Acrobat</i>	Acrobat Pro 2020 WIN 1 User
<i>Geneious</i>	Geneious Prime 2023
<i>Adobe</i>	Download - Adobe Creative Cloud Individual Subscription, 1 User

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APPENDIX 3: List of Required Items

LOT 5:

See attached pdf document showing the specifications.

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APPENDIX 4: List of Required Items

LOT 6:

Bidder is expected to provide quotation for all the hardware, software required to install the system including commissioning in Senegal. Note: a once-off perennial license is preferred.

A ThinkSystem 850 Gen 2 server (with 3-year base warranty + 5-year extended warranty)

1. Machine type for EMEA:
 2. Redundant power supplies
 3. At least 400 GB of RAM
 4. Drive bay configuration:
 - 16 drive bays, 8 of which are AnyBay
 5. 5C in the image below: (2 x 8 port adapters, 4 processors) [For future flexibility.]
 6. If the OS can be activated from an NVMe drive (is a high performance storage system), then this one please (preferred)
- Otherwise: a 480 GB M.2 bootable drive. And a spare disk (will not be inside the server.)
7. One of the following 6.4 Aux Mainstream SSDs
 8. Two of the following 3.2TB Mainstream NVMe SSDs (No RAID needed on these, one will be used as a cold spare [will not be inside the server.]).
 9. Front VGA port

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Un serveur ThinkSystem 850 Gen 2 (avec garantie de base de 3 ans + garantie étendue à 5 ans)

1. Machine type for EMEA:
2. Redundant power supplies
3. 400 GB RAM minimum
4. Drive bay configuration :
 - 16 baies de lecteur, dont 8 sont AnyBay

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5. 5C in the image below: (2x 8-port adapters, 4 processors) [for future flexibility.]
6. Si le système d'exploitation peut être démarré à partir d'un lecteur NVMe (est un système de stockage haute performance), alors celui-ci s'il vous plaît (préférée)

Sinon : un lecteur de démarrage M.2 de 480 Go. Et un disque de secours (ne sera pas à l'intérieur du serveur.)

7. L'un des SSD Mainstream de 6.4 To suivants
8. Deux des SSD NVMe Mainstream de 3.2 To suivants (aucun RAID nécessaire sur ceux-ci, l'un sera utilisé comme disque de secours froid [ne sera pas à l'intérieur du serveur.]).
9. Port VGA avant

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The diagram below represents the Expected Server Architecture at ACEGID

Supplier is expected to share the quote for all the hardware, software required to install the system including commissioning in Nigeria

