

# Request for quotation (RFQ) # for the supply, delivery & installation of medical laboratory equipment & accessories to various listed countries

## CLOSING DATE: 17DECEMBER 2024

### **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 <u>https://aslm.org.</u>

### 2.0 REQUIREMENTS AND SPECIFICATIONS

ASLM would like to solicit quotations for the **Supply, Delivery and Installation** of Medical Laboratory Equipment and Accessories from reputable companies.

Specifications: Please refer to Attachment # 1.

For the quoted items, please provide a colour brochure.

Incoterm: CIP

Late Delivery Penalty Clause:

**Bidders are required to indicate realistic delivery period in their quotations. ASLM reserve the right to apply the Late Delivery Penalty Clause**. In the event of failure by the contractor/supplier to fulfil contractual timeframe due to their fault, ASLM shall be entitled to demand a payment of late delivery penalty on a scale of 1% per week of delay up to a maximum of 5% of the contract value.

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 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.

#### 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 products or alternatively to seek price variation after the award of the contract.

#### 5.0 CONTRACT TYPE

For this procurement, ASLM will issue out a Purchase Order 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 <u>rfpsubmission@aslm.org</u> **ONLY**.

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#### 7.0 PROPOSED TIMELINES

Date	Activity
2 December 2024	Release of RFQ and publicly posted on ASLM website:
10 December 2024	Deadline for submission of inquiries related to this RFQ directed to Email to: <u>JShonhe@aslm.org;</u> <u>SMate@aslm.org;</u> and all questions must clearly identified with the solicitation #
	Indicate the RFQ number indicated at the top of this RFQ (i.e. RFQ #) in your proposals.
11 December 2024	Response to all inquiries released and posted publicly on ASLM website
17 December 2024	Deadline for Proposal submission.
20 December 2024	Final decision announced and Bidders receive feedback
20 December 2024	Contract confirmed & issued out.

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

#### 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.

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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.

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 RFP 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

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non-responsive and disqualify the bidder from final selection.

8.15. 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 kickbacks and other corrupt activities are strictly prohibited and denounced. No employees at ASLM are allowed to use their position 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 via email: ASLM@tips-offs.com or through the website: http://www.tip-offs.com/.

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#### Appendix # 01:

Country	General Description	Minimum Technical Specifications	Quantity
		- An integrated low to medium throughput sequencing	
		platform should offers a compact benchtop solution	
		and Light emitting diode (LED) - Wavelength of 520	
		nm) designed for high-throughput genomic analysis	
		with automated workflows.	
		- Power requirement 100–240 VAc at 50/60 Hz 80 W.	
		- Radio frequency identifier (RFiD): Frequency: 13.56	
		MHz, Power: supply current 120 mA, RF and output	
		power 200 mW	
		- Memory: at least 8 GB RAM, Hard drive: at least 240	
		GB SSD, and Operating system: Windows 10 loT	
		Enterprise	
		- 36 months service contract; installation and on-site	
		training	
		- It should support a wide range of applications,	
		including whole genome sequencing, targeted	
		sequencing, and RNA sequencing, with a throughput	
		of up to 1.6 billion reads per run and a maximum data	
Benin		output of 12 Gb.	
		- Should utilize advanced sequencing by synthesis	
		(SBS) technology, ensuring high accuracy with over	
		85% of reads achieving Q30 scores.	
		- The platform should integrate with cloud-based	
		software for real-time data analysis and seamless	
		bioinformatics integration, while providing hands-off	
		operation from sample loading to data interpretation,	
		making it ideal for research labs and educational	
		settings.	
	Conversion Facility and		
	Sequencing Equipment		1

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	Benchtop fluorometer (8	Benchtop fluorometer	1
	tubes)	User interface: at least 8-inch color touchscreen	-
		Dynamic range: 5 orders of magnitude	
		Processing time: ≤5 seconds/sample	
		Light sources: Blue LED (peak ~460–480 nm) and Red LED	
		(peak ~620–640 nm)	
		Excitation filters: Blue LED (456–484 nm) and Red LED (612–	
		644 nm)	
		Emission filters: Green (513–563 nm) and Far-red (671–693	
		nm) Samala shambari 1 Strin (8 tubas)	
		Sample chamber: 1 Strip (8 tubes) Sample data storage: at least 10,000 samples	
		Data ports: 3 - USB drive ports (Type A);LAN port (RJ-45)	
		D $D$ $D$ $D$ $D$ $D$ $D$ $D$ $D$ $D$	

Connection via the LAN (RJ-45) port using an Ethernet cable or wirelessly using the supplied WI-Fi adaptor         3 year warranty; Operating power: 100–240 VAC, 1.3 A/0.6 A         Frequency: S0/60 Hz"         Automated Electrophoresis         System         Automated Electrophoresis         System         Regulator 5 Kva         2         - An integrated low to medium throughput sequencing system for automated sequencing of DNA using sequencing by synthesis chemistry.         - The system should include Logic for system control and analytics and full-HD touch screen monitor, Installation setup and accessories, Data collection and analytis software.         - 36 months service contract; installation and on-site training.         - Operating environment of temperature: 15°c–30°c, <2°c change per hour Humidity: 20%–80% relative humidity, non-condensing altitude: Below 2000 meters (6500 feet)         - Operating frequency 13.56 MHz, 200 mW output power.         - Light emitting diode (Led) 450 nm, 511 nm         - Power requirements of 100–240 Vac 50/60 Hz, 300 W, single phase         - Network connection of up to 2 × 2.5 GBe connections			Connection via the LAN (DLAE) next value on Ethernet	
3 year warranty; Operating power: 100–240 VAC, 1.3 A/0.6 A         Frequency: 50/60 Hz"         Automated Electrophoresis         System         Automated Electrophoresis         System         Regulator 5 Kva         2         - An integrated low to medium throughput sequencing system for automated sequencing of DNA using sequencing by synthesis chemistry.         - The system should include Logic for system control and analytics and full-HD touch screen monitor, Installation setup and accessories, Data collection and analytis software.         - 36 months service contract; installation and on-site training.         - Operating pervironment of temperature: 15°c-30°c, <2°c change per hour Humidity: 20%-80% relative humidity, non-condensing altitude: Below 2000 meters (6500 feet)				
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Automated Electrophoresis       Automated Electrophoresis system. Including laptop PC, software, vortexer, accessories, plastic consumables for upto 500 samples, user information and I&F.       1         Regulator 5 Kva       2         - An integrated low to medium throughput sequencing system for automated sequencing of DNA using sequencing by synthesis chemistry.       2         - The system should include Logic for system control and analytics and full-HD touch screen monitor, linstallation setup and accessories, Data collection and analysis software.       36 months service contract; installation and on-site training.         - Operating environment of temperature: 15°c–30°c, <2°c change per hour Humidity: 20%–80% relative humidity, non-condensing altitude: Below 2000 meters (6500 feet)				
Automated Electrophoresis System       software, vortexer, accessories, plastic consumables for upto 500 samples, user information and I&F.       1         Regulator 5 Kva       2         - An integrated low to medium throughput sequencing system for automated sequencing of DNA using sequencing by synthesis chemistry.       2         - The system should include Logic for system control and analytics and full-HD touch screen monitor, Installation setup and accessories, Data collection and analysis software.       36 months service contract; installation and on-site training.         - Operating environment of temperature: 15°c–30°c, <2°c change per hour Humidity: 20%–80% relative humidity, non-condensing altitude: Below 2000 meters (6500 feet)       0perating frequency 13.56 MHz, 200 mW output power.         - Light emitting diode (Led) 450 nm, 511 nm       Power requirements of 100–240 Vac 50/60 Hz, 300 W, single phase				
System       500 samples, user information and I&F.       1         Regulator 5 Kva       2         - An integrated low to medium throughput sequencing system for automated sequencing of DNA using sequencing by synthesis chemistry.       2         - The system should include Logic for system control and analytics and full-HD touch screen monitor, Installation setup and accessories, Data collection and analysis software.       36 months service contract; installation and on-site training.         - Operating environment of temperature: 15°c–30°c, <2°c change per hour Humidity: 20%–80% relative humidity, non-condensing altitude: Below 2000 meters (6500 feet)		Automated Electropheresis		
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<ul> <li>The system should support various capacity flow cells ranging from &lt;10 million reads to not more than 50 million reads</li> <li>The system should support sequencing read length of 50-300bp for single and paired-end reads</li> <li>Quality Score (Q-30) at least 80% for all read lengths;</li> </ul>	Chad	Regulator 5 Kva	<ul> <li>system for automated sequencing of DNA using sequencing by synthesis chemistry.</li> <li>The system should include Logic for system control and analytics and full-HD touch screen monitor, Installation setup and accessories, Data collection and analysis software.</li> <li>36 months service contract; installation and on-site training.</li> <li>Operating environment of temperature: 15°c-30°c, &lt;2°c change per hour Humidity: 20%-80% relative humidity, non-condensing altitude: Below 2000 meters (6500 feet)</li> <li>Operating frequency 13.56 MHz, 200 mW output power.</li> <li>Light emitting diode (Led) 450 nm, 511 nm</li> <li>Power requirements of 100-240 Vac 50/60 Hz, 300 W, single phase</li> <li>Network connection of up to 2 × 2.5 GBe connections using RJ-45 between the instrument and data management system; connect directly or through network</li> <li>Bandwidth for network connection of 50 Mb/s/instrument for BaseSpace, Sequence Hub uploads, 5 Mb/s/instrument for instrument operational data uploads</li> <li>The system should support various capacity flow cells ranging from &lt;10 million reads</li> <li>The system should support sequencing read length of 50-300bp for single and paired-end reads</li> <li>Quality Score (Q-30) at least 80% for all read lengths;</li> </ul>	2
Memory: at least 16 GB				
- Hard Drive: at least 1 TB SSD			<ul> <li>Hard Drive: at least 1 TB SSD</li> </ul>	
- Complies with laser safety standards from the			- Complies with laser safety standards from the	
International Electrotechnical Commission (IEC) and				
FCC/IC approved				
Sequencing equipment 1		Sequencing equipment		1

		Development of the second s	
		Benchtop fluorometer	
		User interface: at least 8-inch color touchscreen	
		Dynamic range: 5 orders of magnitude	
		Processing time: ≤5 seconds/sample	
		Light sources: Blue LED (peak ~460–480 nm) and Red LED	
		(peak ~620–640 nm)	
		Excitation filters: Blue LED (456–484 nm) and Red LED (612–	
		644 nm)	
		Emission filters: Green (513–563 nm) and Far-red (671–693	
		nm)	
		Sample chamber: 1 Strip (8 tubes)	
		Sample data storage: at least 10,000 samples	
		Data ports: 3 - USB drive ports (Type A);LAN port (RJ-45)	
		Connection via the LAN (RJ-45) port using an Ethernet cable	
		or wirelessly using the supplied Wi-Fi adaptor	
	Benchtop fluorometer (8	3 year warranty; Operating power: 100–240 VAC, 1.3 A/0.6 A	
	tubes)	Frequency: 50/60 Hz"	1
	(ubes)		T
		- An integrated low to medium throughput sequencing	
		system for automated sequencing of DNA using	
		sequencing by synthesis chemistry.	
		- The system should include Logic for system control	
		and analytics and full-HD touch screen monitor,	
Guinea		Installation setup and accessories, Data collection	
		and analysis software.	
		- 36 months service contract; installation and on-site	
		training.	
		- Operating environment of temperature: 15°c–30°c,	
		<2°c change per hour Humidity: 20%–80% relative	
		humidity, non-condensing altitude: Below 2000	
		meters (6500 feet)	
		- Operating frequency 13.56 MHz, 200 mW output	
		power.	
		- Light emitting diode (Led) 450 nm, 511 nm	
		- Power requirements of 100–240 Vac 50/60 Hz, 300 W,	
		single phase	
		- Network connection of up to 2 × 2.5 GBe connections	
		using RJ-45 between the instrument and data	
		management system; connect directly or through	
		network	
		- Bandwidth for network connection of 50	
		Mb/s/instrument for internal network uploads, 50	
		Mb/s/instrument for BaseSpace, Sequence Hub	
		uploads, 5 Mb/s/instrument for instrument	
	Sequencing equipment	operational data uploads	1
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		<ul> <li>The system should support various capacity flow cells ranging from &lt;10 million reads to not more than 50 million reads</li> <li>The system should support sequencing read length of 50-300bp for single and paired-end reads</li> <li>Quality Score (Q-30) at least 80% for all read lengths; Memory: at least 16 GB</li> <li>Hard Drive: at least 1 TB SSD</li> <li>Complies with laser safety standards from the International Electrotechnical Commission (IEC) and FCC/IC approved</li> </ul>	
	Benchtop fluorometer (8 tubes)	Benchtop fluorometer User interface: at least 8-inch color touchscreen Dynamic range: 5 orders of magnitude Processing time: ≤5 seconds/sample Light sources: Blue LED (peak ~460–480 nm) and Red LED (peak ~620–640 nm) Excitation filters: Blue LED (456–484 nm) and Red LED (612– 644 nm) Emission filters: Green (513–563 nm) and Far-red (671–693 nm) Sample chamber: 1 Strip (8 tubes) Sample data storage: at least 10,000 samples Data ports: 3 - USB drive ports (Type A);LAN port (RJ-45) Connection via the LAN (RJ-45) port using an Ethernet cable or wirelessly using the supplied Wi-Fi adaptor 3 year warranty; Operating power: 100–240 VAC, 1.3 A/0.6 A Frequency: 50/60 Hz"	1
Niger	Sequencing equipment	<ul> <li>An integrated low to medium throughput sequencing system for automated sequencing of DNA using sequencing by synthesis chemistry.</li> <li>The system should include Logic for system control and analytics and full-HD touch screen monitor, Installation setup and accessories, Data collection and analysis software.</li> <li>36 months service contract; installation and on-site training.</li> <li>Operating environment of temperature: 15°c–30°c, &lt;2°c change per hour Humidity: 20%–80% relative humidity, non-condensing altitude: Below 2000 meters (6500 feet)</li> <li>Operating frequency 13.56 MHz, 200 mW output power.</li> </ul>	1

-       Light emitting diode (Led) 450 nm, 511 nm         -       Power requirements of 100-240 Vac 50/60 Hz, 300 W, single phase         -       Network connection of up to 2 × 2.5 GBe connections using RI-45 between the instrument and data management system; connect directly or through network         -       Bandwidth for network connection of 50 Mb/s/instrument for internal network uploads, 50 Mb/s/instrument for instrument operational data uploads         -       The system should support various capacity flow cells ranging from <10 million reads to not more than 50 million reads         -       The system should support sequencing read length of 50-3000 for single and paired-end reads         -       Quality Score (Q-30) at least 80% for all read lengths; Memory: at least 16 G8         -       Hard Drive: at least 1 TB SSD         -       Complex with laser safety standards from the Intermational Electrotechnical Commission (IEC) and FCC/IC approved         Processing time: 55 sconds/sample       Light sources: Blue LED (peak ~460-480 nm) and Red LED (peak ~460-480 nm) and Far-red (671-693 nm).         Excitation filters: Green (513-563 nm) and Far-red (671-693 nm).       Sample data storage: at least 10,000 samples Data ports: 3 · USB drive ports (IVPe A)(LAN port (RI-45)) Connection via the LAN (RI-45) port using an Ethernet cable or wirelessly using the supplied Wi-Fi adaptor         Sample data storage: at least 10,000 samples Data ports: 3 · USB drive ports (IVPe A)(LAN port (RI-45)) Connection via th				
User interface: at least 8-inch color touchscreen         Dynamic range: 5 orders of magnitude         Processing time: ≤5 seconds/sample         Light sources: Blue LED (peak ~460–480 nm) and Red LED         (peak ~620–640 nm)         Excitation filters: Blue LED (456–484 nm) and Red LED (612– 644 nm)         Emission filters: Green (513–563 nm) and Far-red (671–693 nm)         Sample chamber: 1 Strip (8 tubes)         Sample data storage: at least 10,000 samples         Data ports: 3 - USB drive ports (Type A);LAN port (RJ-45)         Connection via the LAN (RJ-45) port using an Ethernet cable or wirelessly using the supplied Wi-Fi adaptor         Benchtop fluorometer (8 tubes)       3 year warranty; Operating power: 100–240 VAC, 1.3 A/0.6 A Frequency: 50/60 Hz"         1       Togo			<ul> <li>Power requirements of 100–240 Vac 50/60 Hz, 300 W, single phase</li> <li>Network connection of up to 2 × 2.5 GBe connections using RJ-45 between the instrument and data management system; connect directly or through network</li> <li>Bandwidth for network connection of 50 Mb/s/instrument for internal network uploads, 50 Mb/s/instrument for BaseSpace, Sequence Hub uploads, 5 Mb/s/instrument for instrument for instrument operational data uploads</li> <li>The system should support various capacity flow cells ranging from &lt;10 million reads to not more than 50 million reads</li> <li>The system should support sequencing read length of 50-300bp for single and paired-end reads</li> <li>Quality Score (Q-30) at least 80% for all read lengths; Memory: at least 16 GB</li> <li>Hard Drive: at least 1 TB SSD</li> <li>Complies with laser safety standards from the International Electrotechnical Commission (IEC) and</li> </ul>	
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i jequencing equipment i sequencing by synthesis chemistry.	Togo	Sequencing equipment		1

	<ul> <li>The system should include Logic for system control and analytics and full-HD touch screen monitor, Installation setup and accessories, Data collection and analysis software.</li> <li>36 months service contract; installation and on-site training.</li> <li>Operating environment of temperature: 15°c–30°c, &lt;2°c change per hour Humidity: 20%–80% relative humidity, non-condensing altitude: Below 2000 meters (6500 feet)</li> <li>Operating frequency 13.56 MHz, 200 mW output power.</li> <li>Light emitting diode (Led) 450 nm, 511 nm</li> <li>Power requirements of 100–240 Vac 50/60 Hz, 300 W, single phase</li> <li>Network connection of up to 2 × 2.5 GBe connections using RI-45 between the instrument and data management system; connect directly or through network</li> <li>Bandwidth for network connection of 50 Mb/s/instrument for internal network uploads, 50 Mb/s/instrument for internal network uploads, 50 Mb/s/instrument for aseSpace, Sequence Hub uploads, 5 Mb/s/instrument for instrument operational data uploads</li> <li>The system should support various capacity flow cells ranging from &lt;10 million reads to not more than 50 million reads</li> <li>Quality Score (Q-30) at least 80% for all read lengths; Memory: at least 11 B SSD</li> <li>Complies with laser safety standards from the International Electrotechnical Commission (IEC) and FCC/IC approved</li> </ul>	
Benchtop fluorometer (8 tubes)	Benchtop fluorometer User interface: at least 8-inch color touchscreen Dynamic range: 5 orders of magnitude Processing time: ≤5 seconds/sample Light sources: Blue LED (peak ~460–480 nm) and Red LED (peak ~620–640 nm) Excitation filters: Blue LED (456–484 nm) and Red LED (612–	1

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	Automated electrophoresis system for DNA and RNA sample quality control	<ul> <li>-Fully automated sample processing</li> <li>-DNA size range: 35-15000 bp</li> <li>-DNA quantitative range: 0.1-50 ng/uL</li> <li>-DNA Sizing precision: not more than 10% CV</li> <li>-RNA size range: 100-6000 bp</li> <li>-RNA quantitative range: 500 pg/uL - 500 ng/uL</li> <li>-RNA Quantitative precision: not more than 15% CV</li> <li>-Samples per consumable: at least 16 samples per kit</li> <li>-Control software, installation and training, and a 36-month warranty.</li> </ul>	1
South Sudan	Microplate Centrifuge, PCR Plate Spinner, 2 Place Rotor [Vwr]		1
	Microcentrifuge Tube 1.5ml- 1.7ml, SuperLock, Natural [Usa]		1
	Analog Vortex Mixer		1
	DynaMag Magnet/equivalent		1
	MagJET Separation Rack, 12 x 1.5 mL tube/equivalent		1
	DynaMag-96 Side Magnet/equivalent		1

**Option Quantities**: ASLM may exercise its right to exercise option quantities by increasing the initial quantities. Please note that it is not a commitment on the part of ASLM.

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