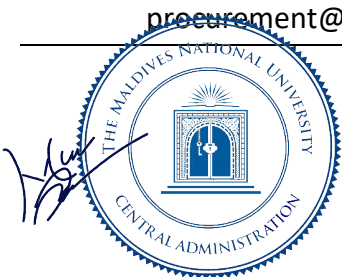


سَرَسَرَفَہ نمبر: MNU-CA-PAMD/2026/144

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سُوْرَةُ سُورَةِ ١: هُوَ الَّذِي يُدْعَى الرَّسُوْلُ هُوَ الَّذِي

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2026 𐌸𐌹𐌳𐌹𐌸 22 : 𐌲𐌹𐌳𐌹𐌸 MNU-CA-PAMD/2026/144 𐌲𐌹𐌳𐌹𐌸 𐌲𐌹𐌳𐌹𐌸

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ॐ नमो भगवते वासुदेवाय ।
 (१) अथ श्रीकृष्णार्चनम् ।

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مؤخره / مؤخره مؤخره

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تلفون نمبر: 3346500، 3346507، 3346504

fhs@mnu.edu.mv : ٢٠٢٠

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مَنْ تَرَىٰ فِي سَبْعِ سُرٍّ دَخَلَ، تَرَىٰ تَرَوْنَ كَرَامَتِ

3345111، 3345110: μ

procurement@mnu.edu.mv : 5-5000



[illegible]

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10 وَفِي الْمَدِينَةِ بَنَاءٌ يُدْعَى الْحَرَامَ وَالْحَرَامَةُ هِيَ الْغَائِلَةُ

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11 وَجَعَلَ سُلَيْمَانُ مَدِينَهُ يَسْمُوهُ يَسْمُوهُ

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دستور دین، دستور اخلاق و دستور سیاست، همه در دست خداوند است.

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<u>تصريح ببيع</u>		
تاريخ توقيع ملاحظات	تاريخ توقيع ملاحظات	تاريخ توقيع ملاحظات
10	2- انشأ بريد إلكتروني رسمي للتواصل مع الإدارة العامة للسياحة والتراث الوطني، وذلك من أجل متابعة الإجراءات المتعلقة ببيع المنتج.	2- انشأ بريد إلكتروني رسمي للتواصل مع الإدارة العامة للسياحة والتراث الوطني، وذلك من أجل متابعة الإجراءات المتعلقة ببيع المنتج.
20	3- تم إعداد خطة عمل لبيع المنتج، وذلك من أجل متابعة الإجراءات المتعلقة ببيع المنتج.	3- تم إعداد خطة عمل لبيع المنتج، وذلك من أجل متابعة الإجراءات المتعلقة ببيع المنتج.
30	تم إعداد خطة عمل لبيع المنتج، وذلك من أجل متابعة الإجراءات المتعلقة ببيع المنتج.	تم إعداد خطة عمل لبيع المنتج، وذلك من أجل متابعة الإجراءات المتعلقة ببيع المنتج.

تصنيفات التقييم			
ملاحظات التقييم	ملاحظات التقييم	ملاحظات التقييم	ملاحظات التقييم

ملاحظات التقييم	ملاحظات التقييم
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تصنيفات التقييم

تصنيفات التقييم 3 (ملاحظات التقييم) (ملاحظات التقييم) (ملاحظات التقييم) (05 تقييمات)

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تصنيفات التقييم			
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تعداد: سر: دکتر: مدير:		تعداد: سر: دکتر: مدير:		

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		کتاب نمبر مکتبہ نمبر:
		نام پڑھنے والے اور اس کے سرپرست

BID SECURITY FORMAT

The Issuing Bank shall fill in this Bank Guarantee Form in accordance with the instructions indicated.

_____ [Bank's Name, and Address of Issuing Branch or Office]

Beneficiary: _____ [Name and Address of Procuring Entity]

Date: _____

BID GUARANTEE No.: _____

We have been informed that [name of the Bidder] (hereinafter called "the Bidder") has submitted to you its bid dated (hereinafter called "the Bid") for the execution of [name of contract] under Invitation for Bids No. [Procurement Reference number] ("the IFB").

Furthermore, we understand that, according to your conditions, bids must be supported by a bid guarantee.

At the request of the Bidder, we [name of Bank] hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of [amount in figures] ([amount in words]) upon receipt by us of your first demand in writing accompanied by a written statement stating that the Bidder is in breach of its obligation(s) under the bid conditions, because the Bidder:

- (a) has withdrawn its Bid during the period of bid validity specified by the Bidder in the Form of Bid; or
- (b) having been notified of the acceptance of its Bid by the Procuring Entity during the period of bid validity, (i) fails or refuses to execute the Contract Form; or (ii) fails or refuses to furnish the performance security, if required, in accordance with the Instructions to Bidders.

This guarantee will expire: (a) if the Bidder is the successful Bidder, upon our receipt of copies of the contract signed by the Bidder and the performance security issued to you upon the instruction of the Bidder; or (b) if the Bidder is not the successful Bidder, upon the earlier of (i) our receipt of a copy of your notification to the Bidder of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of the Bidder's Bid.

Consequently, any demand for payment under this guarantee must be received by us at the office on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees, ICC Publication No. 458.

[signature(s)]

PERFORMANCE GUARANTEE FORMAT

[The issuing bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

Date: *[insert date (as day, month, and year)]*

Title of the procurement: *[Insert general title of the procurement]*

Procurement Reference No: *[insert reference]*

Bank's Branch or Office: *[insert complete name of Guarantor]*

Beneficiary: *[insert complete name of Procuring Entity]*

PERFORMANCE GUARANTEE No.: *[insert Performance Guarantee number]*

We have been informed that *[insert complete name of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[insert number]* dated *[insert day and month]*, *[insert year]* with you, for the supply of *[description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a Performance Guarantee is required.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum(s) not exceeding *[insert amount(s)¹ in figures and words]* upon receipt by us of your first demand in writing declaring the Supplier to be in default under the Contract, without cavil or argument, or your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This Guarantee shall expire no later than the *[insert number]* day of *[insert month]* *[insert year]*,² and any demand for payment under it must be received by us at this office on or before that date. We agree to a one-time extension of this Guarantee for a period not to exceed *[six months]* *[one year]*, in response to the Procuring Entity's written request for such extension, such request to be presented to us before the expiry of the Guarantee.

This guarantee is subject to the Uniform Rules for Demand Guarantees, ICC Publication No. 458, except that subparagraph (ii) of Sub-article 20(a) is hereby excluded.

.....

[signatures of authorized representatives of the bank]

¹ The Bank shall insert the amount(s) specified in the SCC and denominated, as specified in the SCC, either in the currency(ies) of the Contract or a freely convertible currency acceptable to the Procuring Entity.

² Dates established in accordance with Clause 18.4 of the General Conditions of Contract ("GCC"), taking into account any warranty obligations of the Supplier under Clause 16.2 of the GCC intended to be secured by a partial Performance Guarantee.

BANK GUARANTEE FOR ADVANCE PAYMENT

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated.]

Date: *[insert date (as day, month, and year)]*

Title of the procurement: *[Insert general title of the procurement]*

Procurement Reference No: *[insert reference]*

[Issuing bank's letterhead]

Beneficiary: *[insert legal name and address of Procuring Entity]*

ADVANCE PAYMENT GUARANTEE No.: *[insert Advance Payment Guarantee no.]*

We, *[insert legal name and address of bank]*, have been informed that *[insert complete name and address of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[insert number]* dated *[insert date of Agreement]* with you, for the supply of *[insert types of Goods to be delivered]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, an advance is to be made against an advance payment guarantee.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of *[insert amount(s)³ in figures and words]* upon receipt by us of your first demand in writing declaring that the Supplier is in breach of its obligation under the Contract because the Supplier used the advance payment for purposes other than toward delivery of the Goods.

It is a condition for any claim and payment under this Guarantee to be made that the advance payment referred to above must have been received by the Supplier on its account *[insert number and domicile of the account]*

This Guarantee shall remain valid and in full effect from the date of the advance payment received by the Supplier under the Contract until *[insert date⁴]*. We agree to a one-time extension of this Guarantee for a period not to exceed *[six months][one year]*, in response to the Procuring Entity's written request for such extension, such request to be presented to us before the expiry of the Guarantee.

This Guarantee is subject to the Uniform Rules for Demand Guarantees, ICC Publication No. 458.

[signature(s) of authorized representative(s) of the bank]

³ The issuing bank shall insert the amount(s) specified in the SCC and denominated, as specified in the SCC, either in the currency(ies) of the Contract or a freely convertible currency acceptable to the Procuring Entity.

⁴ Insert the Delivery date stipulated in the Contract Delivery Schedule.

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The Maldives National University
Faculty of Health Sciences
Department of Medical Sciences
Medical lab ware & equipment's required for 2026

Note: As outlined in the Announcement this is a re-announcement of disqualified categories from the previous tender

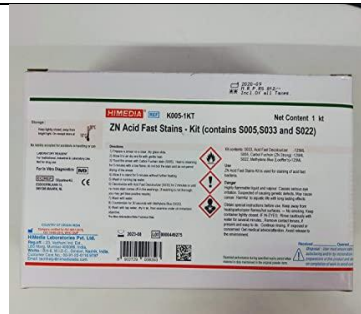
2. Chemicals, Reagents, media & test kits				
NO:	Item	Description	Required quantity	
10	Isopropanol or 100% Ethanol (500 ml)	used in DNA extraction to precipitate DNA	500mlx 10 (bottles)	

11	DNase/RNase-Free Deionized Water	DNase/RNase-Free Deionized Water is suitable for various molecular biology applications, including PCR, qPCR, cDNA synthesis, cloning, next-generation sequencing	100ml x 1(bottle)	
12	TAE (Tris-Acetate-EDTA) or TBE (Tris-Borate-EDTA)	Running buffer for gel electrophoresis	500ml x 1 bottle	
13	2xPCR Master Mix (with loading dye)	2X concentrated solution of Taq DNA Polymerase, dNTPs, and all of the components required for PCR	5ml X 1 bottle	

				
14	Hydrogen Peroxide solution I. P	To be used in biochemical(catalase) testing in microbiology. To be used as an antiseptic	10 bottles X 450ml	

15	Sterile saline	0.9% w/v	500ml x 100bottles	
16	SDS (Sodium Dodecyl Sulfate) powder	Anionic surfactant and detergent with the formula $\text{CH}_3(\text{CH}_2)_{11}\text{OSO}_3\text{Na}$. Used in laboratory for protein denaturation, solubilization, and electrophoresis (SDS-PAGE)	50g / 1 bottle	

17	Proteinase K	Endolytic protease used for digestion of proteins in nucleic acid preparations.	5 ml / 1 bottle	
18	RNase A	Endonuclease-free RNase A for removal of RNA during isolation procedures of plasmid and genomic DNA	10 ml /1 Nos	
19	Widal test kit	A serological diagnostic tool used to detect antibodies against Salmonella typhi and paratyphi, indicating enteric fever. Shelf life: - Minimum 12months at the time of delivery.	1 kit	

20	CRP test kit	for the quantitative and / Or semi quantitative determination of C- Reactive Protein (CRP) in human serum or plasma samples Shelf life: - Minimum 12months at the time of delivery.	2 kits	
21	Ziehl-Neelsen (ZN) staining kit	For the qualitative detection of acid -fast bacilli (AFB). Shelf life: - Minimum 12months at the time of delivery.	5 kits	
22	SYBR™ Safe DNA Gel Stain	stain for visualization of DNA in agarose or acrylamide gels.	2 nos	

23	Student ELISA kit (Ag detection)	kits designed to teach students how to use the ELISA for antigen detection (Example: Bio-Rad ELISA Immuno Explorer Kit)	2 kits	
24	Student ELISA kit (Ab detection)	kits designed to teach students how to use the ELISA for antibody detection (Example: Bio-Rad ELISA Immuno Explorer Kit)	2 kits	

25	DNA extraction & RFLP Student Kits	kits including the lysis buffers, proteases, and salt solutions required, restriction enzymes (EcoRI, BamHI, and HindIII)	3 kits	
26	Universal 16S primers 27F and 1492R, 10–20 µM concentration	For PCR	2 nos	
27	Southern blotting student kits	kit including nylon membranes and filter paper with colorimetric detection reagents	3 kits	

3. Medical Lab Ware and equipment

	Item	Description	Required quantity	
28	Micropipette (100µl - 1000µl)	Micropipette (100µl - 1000µl) All pipettes shall have the following specs: -Incorporated ejector mechanism -Smooth running piston -Sterilizable (without the need for recalibration) -Simple calibration procedure (calibration tool to be included) -Each unit shall have its individual calibration (conformity) certificate -Ergonomic hand grip design with finger rest -Rotary selector knob with clear volume display window -Clear marking of volume range and color coding -Safety label with plastic cover -Blowout step to prevent capillary action in the tip	10 nos	

		for micro volumes (0.2 ul - 40 ul) -The offer shall include a set of one single channel micropipettes for each of the volume ranges specified below (manufacturer variations are accepted as long as the whole range is covered): Standards, Safety -Should be FDA approved/ CE marked -Calibration certificate must be submitted		
29	Microplate Reader (ELISA Reader)	Instrument to measure absorbance in microplate-based assays, ELISA and Endpoint assays	1nos	

31	100bp DNA ladder	a mixture of specially designed double-stranded DNA fragments for determining the exact size of PCR products and engineered DNA fragments. Ready-to-Load 100 bp Plus DNA Ladder, Range: 100 bp – 3,000 bp	1nos	 The image shows a GaGreen 100bp DNA Ladder. It consists of a white box with a black ladder scale on the front, a small vial with a green cap, and a larger vial with a yellow cap. The box has text including 'GaGreen 100bp DNA Ladder', 'Cat No: MG187', 'Size: 100bp', 'Range: 100 bp - 3,000 bp', and 'Dated with every shipment'.
32	Electrolytic cell	Sealed Electrolytic Cell with Two Electrodes and power source for electrolysis	1nos	 The image shows a StonyLab electrolytic cell. It is a clear plastic jar with a white lid and a red 'StonyLab' logo. To the left of the jar are three black screws of different sizes. In front of the jar are two white tubes with gold-colored electrodes at the ends.

33	Fully Automated Gel Electrophoresis Unit (multi-assay analyzer)	Operational and technical specification attached in appendix. <i>please include the spec in the bid announcement</i>	1 nos	
34	fully automated 5-part differential hematology analyzer	operational and technical specification attached in appendix. <i>please include the spec in the bid announcement</i>	1nos	

35	Biochemistry Analyzer	operational and technical specification attached in appendix. <i>please include the spec in the bid announcement</i>	1nos	
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Technical Specification for Equipment's

Equipment:1. Hematology Analyzer (5-Part Part Diff/minimum)

Operational Specification

1. It should be fully automated 5-part differential hematology analyzer based on Flowcytometry and Light scattering technology. Instrument should offer automatic startup, shut down and sample analysis.
2. Should have discrete analysis modes-CBC, CBC+DIFF, CBC+Retic, CBC+Retic +Diff.
3. Should give parameters i.e. WBC, RBC, Hemoglobin, MCV, MCH, MCHC, HCT, RDWSD/CV, Platelet count, PDW, MPV, PCT, P-LCR(optional), IPF(optional), Retic%, Retic parameters, Absolute and % values for Neutrophil, Lymphocytes, Monocytes, Eosinophils, Basophils, Morphology results (user definable) like WBC: Left shift, Atypical Lymph, Immature Granulocyte, RBC: NRBC, Aniso, Micro, Macro, RBC ghost(optional) along with histograms of RBC, WBC and Platelets.
4. Should have an Auto sampler with capacity of 50 and above sample tubes with continuous sample loading. A single sample rack should be able to cater different tube sizes.
5. The instrument should have a Bar code reader.
6. Should have a high throughput of 100 samples per hour or more in CBC and CBC/Diff mode and 45 or more samples per hour in Retic mode.

7. Should have multichannel analysis for better resolution and reproducibility like Dual differential count for WBC

- *Platelets- should have dual angle light scatter/Impedance/Fluorescent dye-based measurement*
- *RBC- should have light scatter/Impedance based measurement*
- *Hb-Should have photometric/direct cellular measurement*
- *Retic-should have on board light scatter (Fluorescent dye/Retic stain based) for Reticulocytes.*

8. Should have clot detection facility.

9. Should have onboard reagent facility and automatic reagent inventory management.

10. Should have extensive linearity as

- *WBC-0.0-400X10³/μL*
- *RBC-0.0-8.0X10⁶/μL III. PLT-0.0-300X10³/μL*
- *Hb-0.0-25.0g/dL V. RETIC- 0.0 – 24.5%*

11. Should have capability of running CSF and body fluids.

12. Sample volume required in all modes not to exceed 300 μL. Should be able to give all parameters with finger prick blood sample (i.e., with 20 μL)

13. Should have extensive features like L J plot available, Delta checks available for cumulative review, Option for Online QC also available, Patient moving average, QC file management.

14. Should have comprehensive data management such as User-friendly Windows based software Network integration possible with Lab information system.

15. Data base storage capacity of 10000 records or more including graphs.
16. Suitable printer to be provided.
17. Should have extended analysis time for cytopenic sample.
18. Should be able to integrate with optional slide maker and Stainer.
19. List of full range of consumables and spare parts for closed/open system to be given.
20. Online UPS compatible with instrument with one hour back-up to be provided with each cell counter.
21. Start-up reagent for initial 10,000 tests to be provided for each cell counter.
22. Demonstration of quoted equipment is essential.
23. Rate of consumables, accessory items and spare parts to be frozen for 3 years.
24. Five years comprehensive warranty and five years Comprehensive Maintenance Contract thereafter for Cell counter, Printer and UPS.
25. Cost per test to be quoted taking approximately 300 samples to be run per cell counter per day for a period of three years.
26. Calibration to be done once in 6 months and as and when necessary (Repair, abnormal QC result etc.) by the company personnel.
27. Downtime should be less than 5% of the total running time of the machine which can be calculated at the rate of working time of 8 hrs. per day in the routine lab and 24 hrs. per day in the emergency lab.
28. Penalty clause for the breakdown time to be discussed in pre bid meeting.
29. The company should provide onsite service engineer and similar backup machine in case of breakdown.

30. Power Supply

- a. Power input to be 220-240VAC, 50Hz fitted 13Amp plug.

31. Standards, Safety and Training

1. Should be FDA approved/CE marked
2. Application training must be provided to the users.
3. Manufacturer standard biomedical technical must be given to Department of Biomedical Sciences, Faculty of Health Sciences, MNU for a period of one year of installation.

32. Documentation

1. User/Technical/Maintenance manuals to be supplied in English.
2. List of important spare parts and accessories with their part number and costing.

33. Warranty:

Should be supplied with 12 Months of warranty from the date of installation.

Equipment 2. Biochemistry Analyzer (Semi-Automatic)

Automated compact multi-purpose clinical chemistry analyzer with potentiometric (direct ISE) and photometric assays for small or medium sized laboratory.

Operational Specification

34. It should be a compact bench top configuration, fully automated, auto-calibrating, auto-sampling, auto-diluting.

35. Analytical methods: Photometry and Potentiometry

36. STAT mode should be available.

37. Sample type: Serum, Plasma, Urine

38. Flow cell with or without cuvette.

39. System capacity should not be less than 40 sample positions.

40. Direct sampling and sample tray accepting cups or tubes in a wide range of sizes.

41. Throughput not less than 128- 250 test/hour (With ISE)

42. Spectrum analysis range not smaller than 340-700nm

43. Should have flexible and user-friendly analyzer software in English language

44. It should sense liquid levels

45. Flag abnormal values

46. Auto quality control

47. Minimal distilled water consumption

48. Data management

O Built-in or external display

O Workstation or control panel

O Results storage

O Computer interface

O Integrated External printers

O Bar code reader

O Data base storage capacity of 10000 records

49. Any accessory or dedicated device necessary to the proper functioning and visualization of the equipment included.

50. The equipment shall preferably be functioning by use of reagents of most common brands, without exclusive need of dedicated reagents produces by a single supplier.

51. Penalty clause for the breakdown time to be discussed in pre bid meeting.

52. The company should provide onsite service engineer and similar backup machine in case of breakdown.

53. Rate of consumables, accessory items and spare parts to be frozen for 3 years.

54. Five years comprehensive warranty and five years Comprehensive Maintenance Contract thereafter for analyzer, Printer and UPS.

55. Online UPS compatible with instrument with one hour back-up to be provided with each analyzer.

56. Calibration to be done once in 6 months and as and when necessary (Repair, abnormal QC result etc.) by the company personnel.

57. Downtime should be less than 5% of the total running time of the machine which can be calculated at the rate of working time of 8 hrs. per day in the routine lab and 24 hrs. per day in the emergency lab.

58. The company should provide onsite service engineer and similar backup machine in case of breakdown.

59. **Test Menu-** Minimum parameters set

o Clinical Chemistry- Photometry

Substrates:

o Albumin

o Bilirubin (Direct and Total)

o Creatinine

o Glucose

o Total Protein

o Urea/Uric Acid

o Calcium

o Magnesium

o Phosphorus

Lipids:

- ☐ Cholesterol
- ☐ HDL Direct
- ☐ LDL Direct
- ☐ Triglycerides

Enzymes:

- ☐ Alkaline phosphatase
- ☐ Amylase
- ☐ CK/CK-MB
- ☐ GGT
- ☐ AST
- ☐ ALT
- ☐ ISE-Potentiometry
- ☐ Sodium
- ☐ Potassium
- ☐ Chloride

60. Additional consumables and accessories to be included

All necessary accessories for the start functioning of the equipment has to be supplied for minimum of 3 months with an expiry of 6 months from time of supply.

61. **Power Supply**

a. Power input to be 220-240VAC, 50Hz fitted 13Amp plug.

62. **Standards, Safety and Training**

4. Should be FDA approved/CE marked

5. Application training must be provided to the users.

6. Manufacturer standard biomedical technical must be given to Department of Biomedical Sciences, Faculty of Health Sciences, MNU for a period of one year of installation.

63. **Documentation**

3. User/Technical/Maintenance manuals to be supplied in English.

4. List of important spare parts and accessories with their part number and costing.

64. **Warranty:**

Should be supplied with 12 Months of warranty from the date of installation.

Equipment 3. Fully Automated Gel Electrophoresis Unit (multi-assay analyzer)

1. General Description

The system shall be a fully automated gel electrophoresis unit (multi-assay analyzer) designed for the separation, analysis, and documentation of nucleic acids and/or proteins for clinical and diagnostic laboratory applications. The system should ensure high reproducibility, minimal manual intervention, and user safety.

2. System Requirements

O Fully automated operation including sample loading, separation, staining (if applicable), and detection

O Suitable for DNA, RNA, and/or protein analysis

O Compatible with standard gel types (agarose and/or polyacrylamide)

O Integrated system with electrophoresis, power supply, and imaging/documentation

O Performs clinical tests + research applications

Handles:

- Serum protein electrophoresis

- Hemoglobin electrophoresis
- Immunofixation (fully automated – rare feature)
- Handles all types of samples, including (not limited to) CSF, urine, lipoproteins

3. Technical Specifications

3.1 Electrophoresis Unit

- Horizontal and/or vertical gel electrophoresis capability
- Uniform electric field distribution for consistent results
- Adjustable voltage and current settings
- Built-in safety lid with automatic power cut-off
- Corrosion-resistant and chemical-resistant construction
- High sensitivity and specificity

3.2 Automation Features

- Automated gel running and monitoring
- Pre-programmable protocols with user-defined settings and validated protocols
- Automated timing and voltage control
- Real-time run monitoring and alerts

3.3 Power Supply

- Integrated or external programmable power supply
- Output range: suitable for routine molecular diagnostics (e.g., 10–300 V or higher)
- Constant voltage/current modes
- Overload and short-circuit protection

3.4 Detection & Imaging System

- Integrated gel documentation system (Gel Doc)
- High-resolution digital camera
- UV and/or blue light transilluminator
- Software for image capture, analysis, and reporting
- Capability for band quantification and molecular weight estimation

3.5 Software

- User-friendly interface with multi-user access
- Data storage, retrieval, and export (compatible with standard formats)
- Audit trails and compliance with laboratory standards (if applicable)
- Capability for report generation

4. Accessories and Consumables

The system shall be supplied with all necessary accessories, including but not limited to:

- Gel casting trays and combs (various sizes)
- Electrophoresis buffers (starter kit)
- Pipettes or compatible loading tools (if required)
- Gel documentation accessories (filters, shields, etc.)
- Starter kit of reagents and consumables

5. Safety Features

- UV protection shield
- Automatic shut-off when lid is opened
- Leak-proof design
- Compliance with international electrical and laboratory safety standards

6. Performance Requirements

- High reproducibility and resolution
- Low sample volume requirement

- Capability to run multiple samples simultaneously
- Rapid processing time

7. Installation and Training

- On-site installation and commissioning
- User training for laboratory staff
- Provision of operation manuals and documentation

8. Warranty and After-Sales Support

- Minimum 1–2 years comprehensive warranty
- Preventive maintenance services during warranty period
- Availability of spare parts
- Technical support (on-site/remote)

9. After-Sales Biomedical Support Clause

The vendor shall provide comprehensive after-sales biomedical engineering support, including scheduled preventive maintenance, calibration, troubleshooting, and repair services. The vendor must also ensure the continuous and timely supply of all required reagents and consumables to maintain uninterrupted laboratory operations.

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1. ሕገ መንግሥቱ አንቀጽ 100 (የሕግ አፈጻጸም) ላይ ያለውን የጥቅም መረጃዎች ማረጋገጥ ያስፈልጋል፡፡
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3. ሕገ መንግሥቱ አንቀጽ 100 (የሕግ አፈጻጸም) ላይ ያለውን የጥቅም መረጃዎች ማረጋገጥ ያስፈልጋል፡፡
4. ሕገ መንግሥቱ አንቀጽ 100 (የሕግ አፈጻጸም) ላይ ያለውን የጥቅም መረጃዎች ማረጋገጥ ያስፈልጋል፡፡
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የጥቅም መረጃዎች ማረጋገጥ ያስፈልጋል፡፡

Bid value range (estimated MVR)		Bid security (in%)	Bid security amount
500,000	1,000,000	0.1	1,000.00
1,000,001	1,500,000	0.15	2,250.00
1,500,001	2,000,000	0.2	4,000.00
2,000,001	2,500,000	0.25	6,250.00
2,500,001	3,000,000	0.3	9,000.00
3,000,001	3,500,000	0.35	12,250.00
3,500,001	4,000,000	0.4	16,000.00
4,000,001	4,500,000	0.45	20,250.00
4,500,001	5,000,000	0.5	25,000.00

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