

TENDER FOR THE PLACEMENT OF ELECTORYLYTE ANALYZER ON REAGENT RENTAL BASIS FOR THE YEAR 2022-23

TECHNICAL EVALUATION COMMITTEE REPORT

Name of Document	M/S Popular International Multan	M/S Meditech Instruments Co. Lahore	M/S Mian Scientific Corporation Pvt. Ltd Lahore
Tender Purchase Receipt Attached	Yes	Yes	Yes
NIC attested copy attached	Yes	Yes	Yes
NTN attested copy attached	Yes	Yes	Yes
STN attested copy attached	Yes	Yes	Yes
Country of manufacture	Germany	USA	Japan
Country of origin of equipment, Brand Name, Model No.	Germany/Human Diagnostic Humanlyte Plus	Medica Easylyte	Erma Japan EL -120
Country of Origin of Kit/ Packs, Catalogue No. Brand Name	Human Germany	USA	Japan
Availability of model on official website	Yes	Yes	Yes
Valid Quality Certificate (ISO 13485:2003 / CE Marked / FDA/ MHLW/ IVD)	Yes	Yes	Expired
Valid Establishment License/ License to import	Yes	Yes	Yes
Valid Authorization Certificate from Manufacturer / foreigner principal/ Sole Agent	Yes	Yes	Yes
Registration certificate with DRAP (if applicable)	Yes	Yes	Yes

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Affidavit that the firm was / is not black listed from any Government institution	Yes	Yes	Yes
Affidavit regarding price reasonability certificate	Yes	Yes	Yes
One year relevant business history (Preferably Tertiary care hospital)	Yes	Yes	Yes
Technically Eligibility of the firm	Eligible	Eligible	Not Eligible

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Detailed Requirement: 1. Measuring electrolytes Na+, K+, in plasma, Serum and Urine 2. System should accept Whole Blood, Serum, Plasma, Urine, CSF as sample 3. System should be capable of automatic two point calibration along carrying out one point and two-point calibration manually 4. System should have 2 or more levels of quality controls 5. RS 232 or USB Interface 6. 220V 50 Hz, AC	Ok Ok Ok Ok Ok Ok	Ok Ok Ok Ok Ok Ok	Ok Ok Ok Ok Ok Ok
User Adjustable Settings: 1. Sample Volume Range: Serum/Plasma/Blood >100 ul, Urine >300 ul 2. Throughput 60 samples/hour or more	Ok Ok	Ok Ok	Ok Ok

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3. Analysis Time: Serum/Plasma/Blood/ Urine = 60 sec Result storage capacity: 150 - 200 samples	Ok	Ok	Ok
Display Ok ed Parameters: 1. Simultaneous digital display for the results 2. Selectable adjustable reference range for all parameters	Ok Ok	Ok Ok	Ok Ok
Accessories: 1. Complete with standard and operation accessories; 2. Built-in or External Laser Printer 3. Imported Compatible Sine wave UPS for back up of up to 30 minutes (Emerson, Liebert, Chloride, MGE, APC or Equivalent) 4. Operating Manual with a Soft Copy Service Manual with a Soft Copy	Ok Ok Ok Ok	Ok Ok Ok Ok	Ok Ok Ok Ok

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Optional to be quoted mandatory 1. Measurement of; <ul style="list-style-type: none"> • Cl- • Li+ • Ca++ • pH 	Ok Li+ Not Available OK OK	Ok Ok Ok Ok	Ok Ok Ok Ok
2. Provide auto sampler	Ok	Ok	Not available
3. The following will be provided by winning firm free of cost	Ok	Ok	Ok
<ul style="list-style-type: none"> • Installation of instruments along with grounding • Compatible Imported Online Sine wave UPS with Battery backup for 30 minutes (Emerson, Liebert, Chloride, MGE, APC or Equivalent) with each system 	Ok Ok	Ok Ok	Ok Ok

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<ul style="list-style-type: none">• Provision of Consumables,3 levels of controls Normal and Abnormal (Pathological) controls, cleaning solution and diluent and others	Ok	Ok	Ok
<ul style="list-style-type: none">• Replacement of parts i;e electrodes and others	Ok	Ok	Ok
<ul style="list-style-type: none">• Services & maintenance of instruments	Ok	Ok	Ok
<ul style="list-style-type: none">• Placement of local Engineer	Ok	Ok	Ok

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Name of Test	Human Germany	Medica USA	Erma Japan
Sodium, potassium, Chloride	Ok	Ok	Ok
Sodium, potassium, Calcium/ pH	Ok	Ok	Ok
Sodium, potassium, Lithium	Not available	Ok	Ok
Decision for TAC	Not Eligible	Eligible	Not Eligible