

**BRAND NEW FULLY AUTOMATED CHEMISTRY ANALYZER (CLOSE SYSTEMS) ON REAGENT RENTAL BASIS FOR THE YEAR 2023-24  
TECHNICAL EVALUATION COMMITTEE REPORT**

<b>Name of Document</b>	<b>M/S Hoora Pharma</b>	<b>M/S Gulf Marketing international</b>	<b>M/S Martin Dow Pvt. Ltd</b>	<b>M/S Zedco Karachi</b>	<b>M/S A.M Health Care</b>
Tender Purchase Receipt Attached	Yes	Yes	Yes	Yes	Yes
NIC attested copy attached	Yes	Yes	Yes	Yes	Yes
NTN attested copy attached	Yes	Yes	Yes	Yes	Yes
STN attested copy attached	Yes	Yes	Yes	Yes	Yes
One Year Business History	Yes	<b>NO.</b> (No Business history of tertiary care Hospital )	<b>NO.</b> (only one reference from tertiary care Hospital having duration less than one year and customer is not satisfied with performance of instrument	Yes	Yes
Authority Letter / distribution certificate of manufacture / Importer	Yes	Yes	Yes	Yes	Yes
Establishment License/ License to import	Yes	Yes	Yes	Yes	Yes
Name of Manufacturer of instrument	Siemens health care	Dirui	Elitech Group	Abbott Laboratories	Roche
Model Name and Model No.	Dimension EXL-200	CS-680	Slectra Mach-5	C-4000	Cobas C-303
Country of origin	USA	<b>China</b>	Netherlands	USA	Germany

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Country of manufacturing of instrument	USA	FDA Approval was not of CS-680	Netherlands	USA	Germany
Country of manufacturing of kit	CE Marked <b>Expired Since 2016</b>	CE Marked <b>Expired</b>	ISO 13485 Expired	FDA Approved	EC Marked
Catalogue No. of kit	Yes	Not Relevant	Expired CCI Paris	Yes	Yes
Quality Certificate	<b>Expired Since 2016</b>	<b>Expired</b>	<b>Expired</b>	Yes	Yes
Affidavit regarding non black listing of the firm	Yes	Yes	Yes	Yes	Yes
Affidavit regarding Price Reasonability Certificate of the firm	Yes	Yes	Yes	Yes	Yes
<b>TECHNICALLY ELIGIBILITY OF FIRM</b>	Not Eligible	Not Eligible	Not Eligible	<b>Eligible</b>	<b>Eligible</b>

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<p><b><u>Technical Specifications:-</u></b></p> <p><b><u>Brand New Fully Automated Chemistry Analyzer</u></b></p> <p><b>Detailed Requirements:</b></p> <ul style="list-style-type: none"> <li>• Microprocessor controlled fully automated chemistry analyzer</li> <li>• User programmable with built in bar code reader</li> <li>• Sample type: Serum, Plasma, Body Fluids etc.</li> <li>• Capability to re-run with automatic on board sample dilution</li> <li>• Automatic Sample Quality Analysis for Lipemia, Hemolysis, Icterus</li> <li>• CD/USB Storage System</li> <li>• RS 232 interface for on line computer</li> <li>• 220V, 50 Hz operated</li> </ul>	Yes	Yes	Yes	Yes	Yes

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<p><b>User Adjustable Settings:</b></p> <ul style="list-style-type: none"> <li>• Minimum 40 tests on panel including ISE</li> <li>• Minimum 60 sample/QC positions and continuous loading of samples</li> <li>• 500 tests/hr or above for a range of chemistries (Other than ISE i.e. Na+, K+, Cl-)</li> <li>• Spectral Range 320-690 nm</li> <li>• Filter Wavelength 340, 405, 492, 505, 546, 578, 630 nm, one free position</li> <li>• Sample volume 2-50 µl</li> <li>• Touch Screen Display Monitor</li> <li>• On board reagent refrigeration of 2-8 Degree Centigrade or better</li> <li>• Facility to display actual temperature of reagent</li> <li>• Temperature control for assays at 37C</li> <li>• Self calibrating against known standards + Storage of QC results</li> </ul>	<p align="center">yes</p>	<p align="center">Yes</p>	<p align="center">Yes</p>	<p align="center">Yes</p>	<p align="center">Yes</p>
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<ul style="list-style-type: none"> <li>• Independent stat capability, facility of reflex testing</li> <li>• Automatic calibration of curves and results</li> <li>• Automatic flagging of results outside user defined limits</li> <li>• Data entry by keyboard, bar code reader &amp; LIS connectivity</li> <li>• Bubble and sample level detector/Liquid Level Sensing on both Reagent and Sample Probe</li> <li>• Minimum data storage 10,000 tests</li> <li>• Parameters to be decided by the procuring agency as per requirements of end user</li> </ul>					
<p><b>Accessories:</b></p> <ul style="list-style-type: none"> <li>• Brand New External Laser Printer</li> <li>• Compatible Imported Online Sine wave UPS with Battery backup for 30 minutes (Emerson, Liebert, Chloride,</li> </ul>	Yes	Yes	Yes	Yes	Yes

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<p>MGE, APC or Equivalent)</p> <ul style="list-style-type: none"> <li>• Compatible RO System (If required) to operate the Chemistry Analyzer</li> <li>• Operating Manual with a Soft Copy</li> <li>• Service Manual with a Soft Copy</li> </ul>					
<p><b>Optional to be quoted mandatory</b></p> <p>(If any):</p> <ul style="list-style-type: none"> <li>• Whole blood HbA1c analysis /without pretreatment of sample outside for HbA1C analysis, Diffraction grating based photometer with Wavelength selection in Spectral Range of 340 – 800 nm</li> <li>• Capability to re-run with automatic on board sample dilution</li> <li>• STAT capability during routine operation</li> <li>• Dedicated calibrators, QC and stat positions</li> <li>• Automatic reagent loading during operation</li> <li>• The following will be provided by winning firm free of cost</li> </ul>	<p align="center">Yes</p>	<p align="center">Yes</p>	<p align="center">Yes</p>	<p align="center">Yes</p>	<p align="center">Yes</p>

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<ol style="list-style-type: none"> <li>1. Back up instrument of same model as win in contract</li> <li>2. Installation of both instruments along with grounding</li> <li>3. Instillation of water purification (RO Plant) plant with its maintenance and replacement of filters and other accessories.</li> <li>4. Provision of Consumables, Normal control, Abnormal (Pathological) controls and Calibrators</li> <li>5. Replacement of analyzers' parts as required per scheduled in service manual or per maintenance requirement</li> <li>6. Services &amp; maintenance of instruments</li> <li>7. HP LaserJet Printer, one Horizontal head centrifuge machine and one split air conditioner</li> <li>8. Placement of local based Engineer</li> <li>9. Whenever new parameter is added, its controls and calibrators will be provided free of cost.</li> </ol>					
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<b>Name of Tests</b>	<b>M/S Hoora Pharma</b>	<b>M/S Gulf Markeeting international</b>	<b>M/S Martin Dow Pvt. Ltd</b>	<b>M/S Zedco Karachi</b>	<b>M/S A.M Health Care</b>
GLUCOSE	Yes	Yes	Yes	Yes	Yes
ALT	Yes	Yes	Yes	Yes	Yes
AST	Yes	Yes	Yes	Yes	Yes
T. BILIRUBIN	Yes	Yes	Yes	Yes	Yes
DIRECT BILIRUBIN	Yes	Yes	Yes	Yes	Yes
UREA	Yes	Yes	Yes	Yes	Yes
CREATININE	Yes	Yes	Yes	Yes	Yes
URIC ACID	Yes	Yes	Yes	Yes	Yes
Triglyceride	Yes	Yes	Yes	Yes	Yes
CHOLESTEROL	Yes	Yes	Yes	Yes	Yes
HDL	Yes	Yes	Yes	Yes	Yes
LDL	Yes	Yes	Yes	Yes	Yes
CALCIUM	Yes	Yes	Yes	Yes	Yes
PHOSPHORUS	Yes	Yes	Yes	Yes	Yes
AMYLASE	Yes	Yes	Yes	Yes	Yes

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LDH	Yes	Yes	Yes	Yes	Yes
CPK	Yes	Yes	Yes	Yes	Yes
MICROALBUMINURIA	Yes	Yes	Yes	Yes	Yes
CSF/URINARY PROTEIN	Yes	Yes	Yes	Yes	Yes
TOTAL PROTEIN	Yes	Yes	Yes	Yes	Yes
SERUM ALBUMIN	Yes	Yes	Yes	Yes	Yes
ALP	Yes	Yes	Yes	Yes	Yes
Normal CRP	Yes	Yes	Yes	Yes	Yes
HbA1C (NGSP certified method)	Yes	Yes	Yes	Yes	Yes
LIPASE	Yes	Yes	Yes	Yes	Yes
MAGNESIUM	Yes	Yes	Yes	Yes	Yes
IRON	Yes	Yes	Yes	Yes	Yes

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CYCLOSPORIN	Yes	Yes	Yes	Yes	Yes
TACROLIMUS	Yes	Yes	Yes	Yes	Yes
<b>Decision of Technical Advisory committee</b>	Not Eligible	Not Eligible	Not Eligible	<b>Eligible</b>	<b>Eligible</b>