

Corrigendum

Tender No. X-16/2019-20/Purchase

Moefcc Portal <https://moefcc.euniwizarde.com>

Website: fri.icfre.gov.in

Dated 17 July, 2019

ITEM No. 3:

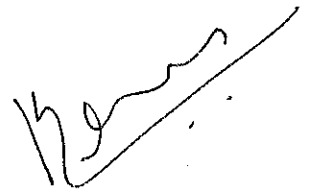
Revised specification- for item No. 3 "Stereo Zoom Microscope"

Point No. 3 of item No. 3 "Stereo Zoom Microscope" may be read as

Objective: 1.0 x apo-chromatic & 2.0 x objective lenses.

Point No. 4 of item No. 3 "Stereo Zoom Microscope" may be read as

Zoom ratio: 1:10 above.



ITEM No. 7:

Revised specification- for item No. 7 "Auto Analyser Machine"

Specification of item No. 7 "Auto Analyser Machine" may be read as

I: Specification of Fully Auto Biochemistry Analyzer		
Sl. No.	Specification	Marks
1- TECHNICAL CHARACTERISTICS:		
1.1	The equipment should be capable all Routine STAT and special Biochemical tests including specific protein and user defined applications.	3
1.2	Throughput: 400 tests/hour, up to 200t/hour with ISE.	5
1.3	Must have direct ISE Unit for Na, K and Cl Measurement.	4
1.4	ISE Electrode should last for 6 month.	2
1.5	Must be open Ended system with bar code reading.	4
1.6	System should have 12 Wave lengths 340 to 700 nm.	8
1.7	System should be supplied with PC; windows based interface and Bidirectional Connection.	5
1.8	Minimum reaction volumes of 150 µl built in/stand alone.	5
1.9	Must have built in Cooled reagent Compartment with minimum 350 ml with sample volume 2- 70 ml.	4
1.10	Auto diagnosis of machine errors with message and correction steps.	4
1.11	Must have on board capacity for permanent and numbered cures.	5
1.12	Separate reagent probe for R1 and R2 and sample.	4
1.13	Laundry System with minimum 5 step washing.	3
1.14	Sample dead volume maximum 100 µl in sample cup and maximum 50 µl in pediatric cups.	4
1.15	Should have external and internal probe cleaning facility.	6
1.16	Calibration should be Linear factor, 2 point/point to point/multi point and Exponential with maximum 8 calibrators per test.	4
1.17	Sample type should include Serum, plasma, Urine, CSF, body fluids and Supernatant with atleast 70 sample positions for routine and STAT Test	5
1.18	Should have Light Source with minimum 1000 hrs life cycle with bar code facility with option for bar code on/off.	5
1.29	Should have 10, 000 Patient Result Storage	3
1.20	Online QC Tracking with Levy and Jennings Chart for up to 30 different points.	4
1.21	The Equipment should be FDA/European CE/BIS certified.	5
	a) Should be FDA/CE/BIS approved product.	
	b) Manufacturer and supplier should have ISO 13485/US (FDA)/EU(CE) certification for quality standards.	
	c) Shall meet internationally recognized for Electromagnetic Compatibility (EMC) for electro medical equipment: 61326	
	d) Certified to be compliant with IEC 61010-1, IEC 61010-2-281	
2- ENERGY SOURCE;		2
2.1	Recharging unit: Input voltage- 220V-240V AC, 50Hz.	
2.2	Tolerance (to variations, shutdowns) :±10%	
2.3	Protection Should have over-charging cut-off with visual symbol.	
3- ACCESSORIES, SPARE PARTS, CONSUMABLES :		3
3.1	Suitable Water plant/Purification System on RO or any latest technology.	

3.2	External printer.	
3.3	UPS on line pure sine wave for back up of system with PC and IT peripherals for half hour.	
3.4	Open System.	
3.5	One light source.	
4- ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATIONS:		3
4.1	Operating condition: Capable of operating continuously in ambient temperature of 10 to 40 deg C and relative humidity of 15 to 90% in ideal circumstances.	
4.2	Storage condition: Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%.	
2: Other required specification of Auto Analyser Machine		
User's interface	Automatic	
Software and/or standard of communication	Automatic, window based with data processing management system with complete back up of data base for calibration, control, patient sample results on daily basis.	
User's care, Cleaning, Disinfection & Sterility issues	1) Disinfection: Parts of the Device that are designed to come into contact with the patient or the operator should either be capable of easy disinfection or be protected by a single use/disposable cover. 2) Sterilization not required.	
Pre-installation requirements: nature, values, quality, tolerance	1) Availability of 5 amp socket; 2) Safety and operation check before handover. 3) Should maintain nominal Temp and the heat should be disbursed through a cooling mechanism. 4) Stationary lab Installation.	
Requirements for sign-off	Certificate of calibration and inspection from the manufacturer	
Training of staff (medical, paramedical, technicians)	1) Training of users on operation and basic maintenance; 2) Advanced maintenance tasks required shall be documented	
WARRANTY	Warranty 3 years	
Operating manuals, service manuals, other manuals	1) User, technical and maintenance manuals to be supplied in english/hindi language along with machine diagrams; 2) List of equipment and procedures required for local calibration and routine maintenance; 3) Service and operation manuals (original and copy) to be provided; 4) Advanced maintenance tasks documentation; 5) Certificate of calibration and inspection	

Purchase officer

