

AMENDMENT No – I

Sub.: Procurement of Medical Equipment for Kalpana Chawala Government Medical College, Karnal.

Tender Enquiry No.: Tender Ref No.: HSCC/KCGMC/Medical Equipment/2015-06/09 Dated 1.11.2016

Bidders are requested to note the following technical amendment in the subject tender:

Item No. 1 ICU Ventilator

S. No.	Technical Specification	Amendment As
3	Electromagnetic compatible hinged arm holder for holding the circuit.	The trolley and hinged arm holder for holding the circuit should be from the same manufacturer.
4	Should have built user friendly and large comfortable operable with screen lock, intuitive menu structure, mode preset compatibility, pressure bar graph/breath indicator & prioritized alarms display of waveforms and monitored value. Along with the following settings/features.	Should have in-built 12" or more screen intuitive menu structure, mode preset compatibility, pressure bar graph/breath indicator & prioritized alarms display of waveforms and monitored value simultaneously. Along with the following settings/features.
	Should have following settings(ventilating setting and ranges)	
1	Tidal volume 05ml to 2000ml or more	Tidal volume 20ml to 2000 ml or more
5	SIMV respiratory rate - 1 to 60 bpm	SIMV respiration rate - 2 to 60 bpm
12	Pressure & flow trigger	Pressure/flow trigger
15	Inspiratory Trigger (Pressure and flow trigger)	Inspiratory Trigger (Pressure/Flow trigger)
	Monitoring and display of the following parameters	
4	Respiratory machines	Respiratory mechanics
	Modes of ventilator equipped with newer modes	
9	Pressure support with volume guaranteed.	Pressure support.
16	Should have inbuilt exhalation filter:	Deleted
17	Compressor should be of same company inbuilt/mounted with ventilator assembly	Compressor should be of same company inbuilt/mounted with ventilator assembly/OEM with USFDA certification
	Humidifier	
3	Temperature should be adjustable	Deleted
	Certification and Accessories	
3	Nebulisation assembly compatible with ventilator and circuit	In-built Nebulisation assembly compatible with ventilator and circuit. It should produce particle less than 3 micron size.

S. No.	Technical Specification	Amendment As
5	Flow sensor life should have be more than 1 year	Flow sensors 05 Nos. per unit in 1year
9	Should be supplied with compatible UPS	Deleted
	Standard Accessories along with	
12	ET tube cuff pressure monitor-1 and HME Filters-10	HME filter-10

Item No. 2 The specification quantity and the EMD of Fully Automated clinical chemistry analyzer has been changed as per the following:

	Original Requirement	Revised Requirement
Quantity	3	2
EMD/ Bid Security	Rs. 1,50,000.00	Rs.2,40,000.00

Revised Specification for item no. 2:

Fully Automated Clinical Chemistry Analyser-

1. Type of Analyzer- Fully Automatic, Computerized, Multi channel, Random Access with a mono and bi directional interface
2. Assay Type- Single end point, Dual end point, Kinetic, Rate Assay, Turbidimetric assay, Immunoassay, Drug Assay with facility of ISE.
3. Sample Type- Serum, Plasma, Urine, CSF, Whole blood, and other fluids like Peritoneal, Pleural, Pericardial.
4. Throughput- Atleast 600-800 tests /hr photometric and 1000-1200 with ISE in single equipment
5. Sample Volume- 2-60 µl
6. Sample Loading- Minimum of 250 sample position
Stat and Continuous sample loading facility
Facility for programmable profiles
Should have Clot Detection facility and Lipaemic, Hemolysed and Icteric Sample detection facility
7. Measurement- Should have a multi wavelength Diffraction grating photometer preferably with 340, 376, 415, 450, 480, 505, 546, 570, 600, 660, 700, 800nm wavelength.
8. Reagent Carousel- Should have minimum 50 positions refrigerated reagent tray with single or dual reagent capabilities
9. Reagent Volume- Programmable to 2-400 µl for each reagent
10. Quality Control- Should have a QC package with Levvy- Jennings Charts
11. Resolution- 0.0001 OD
12. Cuvette and Probe- Should have an on board reusable cuvette system
Reaction cuvette should be permanent and non disposable with facility of onboard washing of cuvettes
Dedicated probe for sample and reagents
Probes must have liquid level sensor system
Probe crash prevention mechanism
13. Calibration- Single point, two point, multi point
14. Should have Auto dilution and auto re-run facility
15. The instrument should come with certified Calibration Certificate

16. Should be supplied with online UPS with atleast 3 hours back up, from an ISO certified Company, to avoid the excuse of Short Circuiting and voltage fluctuations. To be maintained by the supplier.
17. Should be supplied with appropriate Water purification system to fulfill the requirement of deionised water of the analyser. To be maintained by the supplier.
18. Although adequate infrastructure is present for the installation, but any additional requirement in terms of infrastructure, electrical changes and ambient temperature maintenance to be done by the supplier
19. 2 yrs warranty and 5yrs CMC for full equipment including spares on following terms and conditions-
 - i. Preventive maintenance visit at least one in each quarter
 - ii. Emergency visits any number of times
 - iii. Testing and calibration as per Technical/ Service/ Operational Manual of manufacturer. If not mentioned then it will be according to purchaser requirement.
 - iv. All software updates.
 - v. Labor, spare parts and any other logistics
 - vi. Replacement of any spare parts/ components
 - vii. Replacement of all consumables including batteries of UPS, cartridges of Water purification system and equipment
20. List of all Ancillary Reagents, wash solutions, consumables, and spares to be mentioned separately in price bid.
21. The year of manufacture of the quoted model to be mentioned along with an undertaking by the supplier certifying the spares and services of the quoted model shall be available for atleast 10 yrs.
22. The instrument must be USFDA and CE Europe approved.

All other terms and conditions of the tender enquiry document shall remain unchanged.

Prospective bidders are advised to regularly visit HSCC website/ CPPP website for corrigendum /amendments etc. if any, as these will be notified on these portals only. No separate advertisement will published in the news papers in this regard.

CGM, HSCC India Limited
For and on behalf of DGMER, Panchkula