

Tender No: BMSICL/2013-14/MC-017**Minutes of Pre-bid meeting for tender no. BMSICL/2013-14/MC-017 held on 16th June 2014 at conference hall of BMSICL****Background:**

Tender for Medical Equipment is invited vide tender no. BMSICL/2013-14/MC-017. Notice inviting tender (NIT) was published (Advertisement ID. 975 (Letter No. 542)) in Dainik Jagran (Bihar), Hindustan Times (All India Edition) and Times of India (All India Edition).

The said tender notice was also uploaded on the website of BMSICL i.e. www.bmsicl.gov.in for information of all concerned.

Pre-bid meeting:-

Pre-bid meeting of the prospective bidders of the above mentioned tender was held on 16th June 2014 at conference hall of BMSICL in the presence of following members:

1. Dr. K Alam (Prof & HOD Anatomy).
2. Dr. Ashok Kumar (Prof & HOD, Anesthesia, PMCH, Patna).
3. Dr. Ashok Kumar Vatsyayan (Prof & HOD, Anesthesia, NMCH, Patna).
4. Dr. Sunil Kumar (Asst. Prof. NMC, Patna).
5. Dr. R V N Singh (Prof of Pathology, PMC, Patna).
6. Dr. Binod Kumar (Medical Officer).
7. Dr. Sanjay Kant Mishra, GM-Procurement, BMSICL, Patna.
8. Sh. Ujjawal Kumar, DGM-Equipment, BMSICL, Patna.
9. Biomedical Engineers (Lava Mishra, Sidhartha Singh, Naqui Zaidi, Rohit Gupta)

In all thirteen prospective bidders or their authorized representatives participated in the pre-bid meeting. Attendance of participants was taken prior to the commencement of the meeting and record is maintained in the attendance register.

As an outcome of discussion held in the meeting, some amendments in the specification and other terms and conditions of 23 Equipments were considered to be incorporated in the bid document. A detail of amendments is attached as Annexure I (Page No. 1-4).

Further, the last date of sale of bidding document has been extended to 15th July 2014 till 5:00 PM and last date of submission of bid has been extended to 16th July 2014 till 1:00 PM. The bid will be opened in the presence of prospective bidders on 16th July 2014 at 3:00 PM in BMSICL office.

Dr. S K Mishra
GM-Procurement

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Annexure-I

01 Band Sawing Machine	
Specification before Amendment	Specification After Amendment
Manual	Motorized
06 Pulse Oximeter	
Specification before Amendment	Specification After Amendment
1. Should have plethysmographic wave form with numeric display for SPO2 and Heart rate on LCD/TFT display (6" or more).	1. Should have plethysmographic wave form with numeric display for SPO2 and Heart rate on LCD/TFT display (5" or more).
	Should work on low perfusion & also should have perfusion index
08 Anaesthesia Gas Monitor	
Specification before Amendment	Specification After Amendment
1. Should have TFT/LCD display with at least 15 inches with at least 8 wave forms and numeric display simultaneously.	Should have TFT/LCD display with at least 12 inches or more with at least 8 or more wave forms and numeric display simultaneously.
11.Side-stream Capnography with display of CO2 wave form & digital values (ETCO2, FICO2, RR).	Side-stream/ Main- stream/Micro stream Capnography with display of CO2 wave form & digital values (ETCO2, FICO2 and RR).
6. Monitor must have facility for at least 2 IBP / IPM measurements simultaneously.	Monitor must have facility for at least 2 IBP measurements simultaneously.
12. Monitor should have Advanced Airway modules for complete respiratory monitoring for use in OT, ICU, and PACU etc	12. Monitor should have Advanced Airway modules/3 channel integrated printer module for complete respiratory monitoring for use in OT.
16 The display setting should have at least 10 user defined setups variable as per applications for flexible use of the monitor in various clinical environments as in OT, PICU, ICU, ER, and NICU	16 The display setting should have user defined setups variable as per applications for flexible use of the monitor in OT clinical environments.
18. Should provide following accessories: - NIBP cuffs for standard Adult, Obese Adult, Child and infant – all 1 each.	18. Should provide following accessories: - NIBP cuffs for standard Adult, Obese Adult, Child and infant – 3 each.
18 Should provide following accessories:- Side stream / Microstream ETCO2 disposable kit for adult, pediatric / Neonatal -25 nos.	18 Should provide following accessories:- Side stream / Microstream/ Main Stream ETCO2 disposable kit for adult, pediatric / Neonatal -25 nos.
20 Should have safety certificate from a competent authority CE / FDA (US) / STQC CB certificate / STQC S certificate or valid detailed electrical and functional safety test report from ERTL. Copy of the certificate / test report shall be produced along with the technical bid.	USFDA Certified
09 Haemoglobinometer	

MOM of tender no. BMSICL/2013-14/MC-017

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Prof. & HOD Anatomy
Patna Medical College
Dept. of Anatomy
Patna Medical College
04/09/14

Annexure-I

Specification before Amendment	Specification After Amendment
2. Work on dual wave length 570nm for haemoglobin measurement.	2. Work on dual wave length 570nm for haemoglobin measurement. / Dual wavelength preferably 500-510 & 550-570.
3. Should be ready for immediate use with no calibration required by the user. Display within 15-60 seconds	3. Should be ready for immediate use with no calibration required by the user. Display within 60 seconds
6. Should have PC connectivity for data recording	6. Should have PC connectivity for data recording / Data can be transferred with the help of USB.
9. Should work with input 200 to 240Vac 50 Hz supply.	9. Should work with input 200 to 240Vac 50 Hz supply/ should be suitable to use on power as well as suitable battery powered.
	Should be CE/FDA (US) certified.

11. WBC ANALYSER

Specification before Amendment	Specification After Amendment
1. Determines total WBC count.	1. Determines total WBC count and 5 part Differential count

13 INFUSION PUMP

Specification before Amendment	Specification After Amendment
8. Should have a LED/LCD display with backlight and graphical display of infusion	Should have a LED/LCD display with backlight
	It should have drop falling indicator in LCD/ LED display.
	It should have automatic calibration of IV set.

14. BLOOD COLLECTION MONITOR

Specification before Amendment	Specification After Amendment
2. Should have facility to view the collection time	2. Should have facility to view the collection time/ Facility to view collection time taken for collection at the end.

15 BLOOD DONOR COUCH

Specification before Amendment	Specification After Amendment
3. Should have soft upholstery of 2 ½ inch thickness.	3. Should have soft upholstery of 2 ½ inch thickness or more.
Should have a lifting capacity of 120 kg.	Should have a lifting capacity of 120 kg or more
Should work in ambient temperature of 10 to 40 C	Should work in ambient temperature of 10 to 40 deg C
	Should be CE/FDA (US)

16 Equipment Specifications for Micro Typing System for Blood Grouping/ Cross Matching/ Antibody Typing

Specification before Amendment	Specification After Amendment
3.2 Reagent shall be in Cassette form, each cassette shall have 6 columns and column spacing shall be similar to micro	3.2 Reagent shall be in Cassette form, each cassette shall have at least 6 columns.

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Prof. and Head
of Microbiology
BMSICL Hospital, P
BMSICL
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Annexure-I

plate for fast pipetting using multi channel pipette	
3.6 Test procedure including incubation and centrifugation should not be more than 15 minutes for coombs cross match.	3.6 Test procedure including incubation and centrifugation should not be more than 25 minutes for coombs cross match.
18 Equipment Specifications for Syringe Pump	
Specification before Amendment	Specification After Amendment
3.1 Flow rate programmable from 0.1 to 1000 ml/hr or more in steps of 0.1 ml/hr with user selectable flow set rate option	3.1 Flow rate programmable from 0.1 to 100 ml/hr or more in steps of 0.1 ml/hr with user selectable flow set rate option
3.2 Bolus rate should be programmable to 40 – 500 ml/hr or more with infused Volume display. Reminder audio after every 0.5 ml delivered bolus. SAVE last Bolus rate even when the AC power is switched OFF.	Bolus rate should be programmable to 40 – 500 ml/hr or more with infused Volume display. SAVE last Bolus rate even when the AC power is switched OFF.
2.1 The syringe pump should be able programmable, user friendly, save to use and should have battery backup and comprehensive alarm system. This should be able to integrate in the HIS. Provision of disposable battery (optional)	The syringe pump should be able programmable, user friendly, save to use and should have battery backup and comprehensive alarm system.
22 IABP	
PC-IABP software which allows to monitor the IABP from any remote location via a modem.	Optional
4 Glucose meter Analyzer	
1-Work on dual wavelength – 660 nm & 840 nm.	Work on Bio Sensor Technology/ spectrophotometer
Data storage up to 600 results with date and time	Data storage up to 500 or more results with date and time
Results displayed within 40-240 seconds.	Results displayed within 5-40 seconds.
Measuring range 0-400 mg/dL. Can be extended upto 800 mg/dl.	Measuring range 10-400 mg/dL.
Should have a self test function	Deleted
Works on 4AA batteries and also adapter	Works on 4AA/any suitable batteries
Works on capillary venous or arterial blood	Works on fresh capillary whole blood
Serial port for printer connectivity	Serial port for printer connectivity (Optional)
Factory calibrated	Factory calibrated/Automatic calibration
	Open vial stability certificate should be provided from the manufacturing company.
CE/FDA approved.	USFDA approved.
(Item Schedule No: - 17) Modular Multi Parameter Monitor with compatible Central Monitoring System	
Capable of Monitoring ECG, NIBP, SPO2, 1 IBP, ETCO2	Capable of Monitoring ECG, NIBP, SPO2, dual IBP, ETCO2 & 2 Temperature
The monitor should use variety of tones to indicate the severity of an alarm with user adjustable alarm levels. (At least 3 to 4 levels of user defined levels).	The monitor should use variety of tones to indicate the severity of an alarm with user adjustable Alarm levels.
Each monitor should have capability to show 7 lead display with five lead wire system.	Each monitor should have capability to show 5 or more lead display with five lead wire system.
Each monitor to be equip with smart lead fail system and switchover to best lead available in case one monitored lead	Each monitor to be equip with lead fail system to detect lead

MOM of tender no. BMSICL/2013-14/MC-017

Prof. & HOD Anatomy
 Patna Medical College
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Annexure-I

is disconnected.	failure /switchover to best lead available in case one monitored lead is disconnected.
ETCO2 measurement – Both mainstream and low-flow side stream CO2 measurement options for applications from neonatal to adult patients	ETCO2 measurement – mainstream/low-flow side stream/Microstream CO2 measurement options for applications from neonatal to adult patients
Should be compatible with HIS and Should be HL7 compliant.	Should be compatible with HIS and Should be HL7 compliant/wireless compliant
CE / FDA Approved • IEC 60601-1 Certified	USFDA Approved
(Item Schedule No: - 20) Central Monitoring Station	
Should have capability for HL7 interface. Should be capable of monitoring telemetry modules.	Should have capability for HL7/wireless interface. Should be capable of monitoring telemetry modules.
Should have separate computer keyboard and 4 channel thermal array recorder.	Should have separate computer keyboard. 4 channel thermal array recorder/laser printer.

Note: - (1). Bidder has to quote for both Multi parameter Monitor and for compatible Central monitoring Station. Otherwise Bidder will be rejected.

(2). Price of Multi Parameter monitor and Central monitoring Station & all other accessories should be quoted separately as per the format given in the price schedule format B.

(3). L1 Bidder for Multi para monitor and Central Monitor will be decided on the basis of following.

Sr. No.	Unit Price of One Monitor (A)	Unit Price of One Central monitoring Station (B)	Price of Whole System [16 x (A) + (B)]=(C)	Total CMC Price of (C) @ 8 % NPV rate=(D)	Final Price for L1= (D)+ (C)

Unit Price will be equal to quoted price by the bidder in column 6 of Price Schedule Format B

(4). Automatic Chest Compressor (Schedule No. 19):- Item Deleted.

(5) Bidder has to quote the price of all accessories and spare parts separately in the price bid for the quoted equipment (Wherever applicable).

*Dy. General Manager
Procurement-Equip*
MOM of tender no. BMSICL/2013-14/MC-017
*Dr. Ashish Kumar
HOD Anesthesia
Patna Medical College Hospital, Patna-800 001*

*Dr. Anil Kumar
HOD Anatomy
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*Dr. Sivakumar
Asst. Blood Bank
Patna Patna*