

Tender No.: BMSICL/2013-14/MC-012

Minutes of pre-bid meeting for tender no. BMSICL/2013-14/MC-012 held on 10th March, 2014 at conference hall of BMSICL.

Background:

Tender for medical Equipment is invited vide tender no. BMSICL/2013-14/MC-012. Notice inviting tender (NIT) was published [Advertisement ID. 14898 (Letter No. 2009)] in Dainik Jagran (all editions of Bihar), Hindustan Times (all India editions) and Times of India (all India editions).

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:-

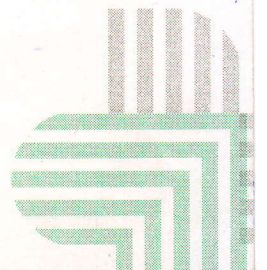
Pre-bid meeting of the perspective bidders of the above mentioned tender was held on 10th March, 2014 at conference hall of BMSICL in the presence of following members:

1. Tripurari Kumar (GM (F & A), BMSICL, Patna)
2. Biomedical Engineers (Shivam Anand, Siddhartha Singh, Lava Mishra, Naqui Zaidi)

In all Seventeen 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 16 Equipments were considered to be incorporated in the bid document. Detail of amendments attached as Annexure I further contains details related with these amendments. Further, the last date of sale has been extended to 29th April 2014 till 5:00 pm and last date of submission has been extended to 30th April 2014 till 2:00 pm. The bid will be opened in the presence of prospective bidders on 30th April 2014 at 3:00 pm in BMSICL office.

G. Kumar
(Tripurari Kumar)
GM (F & A)
15/04/2014



Annexure I		
Fibre Optic Head Light Source		
S. No.	Specification Before Amendment	Specification After Amendment
1	Should use a Xenon Light source 180 W/300W with spare lamp and should have provision to change over in the event failure of primary bulb	Should use a Xenon Light source 180 W/300W with spare lamp or LED light and should have provision to change over in the event failure of primary bulb
2		Should be European CE/US FDA Approved.
ENT Operating Microscope		
1	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 technical bid.	Should have safety certificate from competent authority CE/FDA.
Transcutaneous Bilirubinometer		
1	Measuring gauge-2-58 (in unit of TBI).	Measuring gauge- (2-34 TBI) or more.
2	Light source-two white light emitting diodes (LED).	Light Source-two white light emitting diodes (LED)/Pulse Xenon arc lamp.
3	Readout-three digits liquid crystal display.	Readout-three digits display.
4	Power source-3 batteries of AAA (or LR03) type or equivalent.	Power source- rechargeable batteries.
5	Point to be added	System should be quoted with consumables for 10 years considering the 10 Test per day which will include in the price evaluation.
Lung Fuction test		
1	Should be FDA, CE, UL or BIS approved product.	Should be FDA/CE approved.
Electric Dermatome		
1	Should be FDA, CE, UL or BIS approved product.	Should be FDA/ CE approved.
Pneumatic Drill Machine		
1	Motor Speed should be at least 100000 rpm at 8 bar pressure.	Motor speed should be at least 70000 rpm.
2	Motor should be light weight (preferably less than 70 g).	Motor should be light weight.
3	Main motor unit should be detachable from air supply hose.	Deleted.
4	Duraguard should be detachable from cranitome hand piece, so that same hand piece can be used for paediatrics, adult and spine surgery.	Deleted.
5	Optional irrigation pump should be available.	Deleted.
Five Head Research Microscope (Pentahead)		
1	Trinocular Eyepiece inclined at 30-45 degree with 360 degree rotation.	Trinocular Eyepiece inclined at 30 degree or more.
2	Cooled CCD Camera with 12.5 mega pixels. The cooling temperature of the CCD should be minimum 10 degree centigrade irrespective of room temperature.	CCD Camera with 7 Mega pixel or more with adequate cooling facility.
Fluorescence Microscope		
1	Mech. Tube length of 200 mm with para focal distance of 60 mm.	Mech. Tube length of 180 mm or more.
2	Siedentopf design super wide field Trinocular eyepiece tube which should be inclined at 25 degree angle with field of vision (FOV) 25 mm or better.	Trinocular eyepiece tube which should be inclined at 30 degree angle with field of vision (FOV) 22 mm or better.

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12-04-2014

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L. A. V. M. S. M. A.
Biomedical
Engineer.

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(12/4-2014)

3	10X (2 pcs.) eye piece lens with both side dioptr adjustment (F.O.V. 25 mm) should be anti fungus type.	10X (2 pcs.) eye piece lens with both side dioptr adjustment (F.O.V. 22 mm or more) should be anti fungus type.
4	High numerical aperture (NA) Achromatic objectives (Japanese/German type) Objective, NA, WD 4x,0.10mm,30mm 10x,0.30mm,16.0mm 40x,0.75mm,0.72mm 100xOil,1.30mm,0.2mm	Objective (should be Japanese or German Type) is as follows: 4x plan Achromatic objective (NA-0.1),(WD-18.5mm) 10x plan achromatic objective (NA-0.25),(WD-10.6mm) 40x U plan Fluoride objective (NA-0.75),(WD-0.51mm) 100x U plan Fluoride objective (NA-1.3),(WD-0.2mm)
5	Fine-0.1mm/rotation.	Fine-1 micron.
6	Course-14mm/rotation.	Course-14mm/rotation or more.
7	Six Fluorescence filter blocks in rotating turret which should prevent stray light from the reflector from entering the optical path.	Six or more Fluorescence filter blocks in rotating turret which should prevent stray light from the reflector from entering the optical path.
8	Cooled CCD Camera with 12.5 mega pixel. The cooling temperature of the CCD should be minimum 10°C irrespective of room temperature.	CCD Camera with 7 Mega pixel or more with adequate cooling facility.
Inverted Compound Microscope		
1	Illumination-White LED Illuminator.	Illumination-White LED Illuminator/Halogen.
2	Viewing angle- 45 degree.	Viewing angle- 30 degree.
3	Interpupillary distance – 55-75 mm.	Interpupillary distance – 48-75 mm.
OPG		
1	Based on DC Current /constant potential.	Based on DC Current /constant potential and High frequency DC X-Ray generator above 100 KHz.
2	Tube voltage minimum range 60 Kv to 80Kv.	Tube voltage minimum range 50 KVA to 90KVA.
3	Exposure time- Panoramic -10-15 sec, Cephalometric- 0.5 to 20 sec.	Exposure time- Panoramic –less than 15 sec, Cephalometric- less than 10 seconds.
4	Pixel size –(96-99)µm.	Pixel size –(96-99)µm or better.
5	5 KV Servo voltage stabiliser of appropriate ratings meeting ISI Specifications. (Input 160-240V and Output 220-240V and 50 Hz).	5KVA online UPS.
6		Model should be AERB type approval.
Portable ABG		
1	The unit should be based on Dry chemistry and the measurement Principle should be of Fluorescence and Reflectance technology.	The unit should be based on Dry chemistry and the measurement Principle should be of Fluorescence and Reflectance technology or any other equivalent technology.
2	The system should provide total Haemoglobin (thb), saturated Oxygen, Partial pressure of Oxygen and Carbon Dioxide as well as pH is standard parameter also should offer electrolyte like potassium, sodium, calcium, chloride and glucose etc. depending upon the use of cartridge being used by the user along with calculated parameter Bicarbonate, Anion gap, total Carbon Dioxide and Hydrogen Ion.	The system should provide measured parameters, partial pressure of Oxygen and carbon dioxide as well as pH is standard parameter also should offer electrolyte like potassium, sodium, calcium and glucose etc. and calculated parameter bicarbonate total carbon dioxide.
3	The result should be available after analysis within 2 to 3 minutes which can be seen on the LCD screen with built in printer so as to print the results.	The result should be available after analysis within 2 to 3 minutes which can be seen on the screen with separate printer.

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12-04-2014

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4	Should have auto aspiration of sample with facility to run CBG (Capillary blood sample) samples without any adpater.	Should have auto aspiration/easy syringe injection of sample with facility to run CBG (Capillary blood sample) samples without any adpater.
5		Bidder should quote the price list of reagents, and consumables and price evaluation will be done as per the annexure-A attached.
Digital Video Colposcope		
1	Image processor should have color digital CCD and high speed DSP.	Image processor should have color digital CCD and high speed DSP/DMP or any updated.
2	Gamma processor	Gamma processor/Digital matrix processor or equivalent.
3	Working Distance : 200-300 mm.	Working Distance : 150-500 mm.
4		Marking option, measurement feature should be available.
5		Software based Interpretation should be available.
6	Should be ISO certified and FDA approved.	Should be ISO certified and FDA/ European CE approved.
DEXA		
1	Dual Vertebral Assessment (AP & Lateral Views).	Vertebral Assessment Software.
2	Orthopaedic Hip Analysis.	Hip Structure Analysis.
3	Standard Information required from Vendor Pre-installation requirements-Pls Specify including room size and site plan. Number of installations in India.	Company shall be responsible for the successful commissioning of the equipment as per the guidelines of the AERB. Institute will only provide room of size 12x12ft with dedicated earthing and power load of 10KVA. Company shall make the room with respect to the floor tiles, wall tiles upto height of 5ft. of all walls. Facility for changing room, complete air conditioning of DEXA room, lead lining door where ever it is applicable as per the latest AERB guideline, dedicated furniture of 2 nos. chair, 1 no. table and 1 no. almirah for storage of accessories.
Radiant Warmer		
1	Ceramic Heating element at least 600 Watt (Power selectable): emitter with parabolic reflector.	Ceramic Heating element at least 600 Watt (Power selectable): emitter with parabolic or gold reflector.
2	Monitoring of skin temperature by means of sensor, range : 30 to 42°C.	Monitoring of skin temperature by means of sensor, range : 35 to 37.5°C.
3	Heater output 0 to 100% in increments of 5 % with display of heat output.	Heater output 0 to 100% in increments of 10% or 5% with display of heat output.
4	CE/FDA/BIS approved product. (Certificate to be submitted).	CE & FDA (certificate to be submitted).
5	Shall meet IEC-60601-1-2:2001 (Or equivalent BIS) General requirements of safety for Electromagnetic Compatibility or should comply with 89/366/EEC; EMC directive (Submit the report).	Shall meet IEC-60601-1-2:2001 General requirements of safety for Electromagnetic Compatibility.
Suction Machine		
1	CE or EN certified product.	European CE certified product.
Neuro Surgery Instrument		
Instrument of same specification or similar type of US FDA/European CE instrument may be quoted		

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ANNEXURE – A

Cost calculation will be done considering the following points:-

1. Cost of instrument with three years warranty.
2. The price of cartridge (for the standard parameter of Blood gases and Electrolytes).
3. CMC, quoted to use within 10yrs (i.e; So that there should not be any hidden cost within warranty and CMC period) and will be considered for price evaluation.
4. Institution will not pay any amount within 10yrs against any consumables which are not provided along with warranty and CMC.

Price Comparison Chart											
	0 th Year	1 st Year	2 nd Year	3 rd Year	4 th Year	5 th Year	6 th Year	7 th Year	8 th Year	9 th Year	10 th Year
Cost of Equipment with Three years warranty.		-----NIL----- --									
CMC inclusive of all spares and consumables (battery, printer, etc)	NIL	NIL	NIL	NIL							
Cost of 3650 test per year	NIL										

*No. of test is expected, it may increase or decrease.

*Price evaluation will be done on the net present value with discount factor of 8%.

Divan Arand
12-04-2014.

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LAVA MEDICAL
Biomedical
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