**Prebid meeting minutes for the tender for the Supply of Medical Equipment ,Medical Furniture, General Items and Consumables for the setting up of Emergency and Critical Care Department at Alappuzha Medical College, Thrissur Medical College and Kottayam Medical College – HLL/ID/14/40, HLL/ID/14/41, and HLL/ID/14/42 held at HLL BioMedical Office on 5.07.2014 at 11.15 am**

**Flexible FiberopticBrochoscope**

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| **SN** | **Existing specification** | **Amendments** |
| 1 | Deleted | **VIDEO BRONCHOSCOPE**  1 **Description of Function**  1.1. Description A bronchoscope is a device used to see the inside of the lungs.  **2 Technical Specifications**  2.1. Optical System  a. Field of View Minimum 120 degree.  b. Direction of View 0 degree forward.  c. Depth of field 3 mm to 100 mm maximum.  2.2. Insertion Tube  a. Outer Diameter (Distal End) 6.0 mm.  b. Outer Diameter (Insertion Tube) 6.0 mm.  c. Working Length 600 mm.  d. Total Length 870 mm.  2.3. Instrument Channel  a. Inner Diameter 2.8 mm or more.  b. Minimum Visible Distance 3 mm from distal end.  2.4. Angulation Range  a. Up 180 degree.  b. Down 130 degree.  2.6. Video Processor  Magnification Electronic magnification by at least 1.2x with no loss of quantity  Video Monitor 15’’ or more medical grade video monitor with ability to view the bronchoscopy procedure  Edge enhancement feature should be available.  Output Connector Full range of output connector  2.7 Video Recording Computerized recording system  with following features:  to enter patient details  to record and store the patient data  ability to generate avi and mpeg4 videos  ability to generate images at least 300 dpi  facility for on screen menu, images adjustment  video capture card  compatible software for still and live recording and report generation  recording system compatible with latest OS  2.8 laptop/desktop  operating system- Latest Windows based OS  CPU :Intel core i 5 or better  at least 500 GB hard Disk or better  at least 4GB DDR3 RAM  printer: one photo quality color printer  2.9. Halogen/LED light source  Halogen/LED light source independent/inbuilt with the processor  **3 Spares and Accessories**  3.1. Cleaning Brushes 1-No.  3.2 Cylinder Cleaning Brushes 1-No  3.3 Needles for Trans bronchial Needles FNAC/Aspiration -4Nos  3.4 Biopsy forceps with windows 4-No.  3.5 Cytology brushes 4-Nos. with suitable handles  3.6 Mobile trolley.  3.7 Sterilization tray for scope and accessories.  **4 Power Supply**  4.1 Input Power 220-240VAC, 50Hz.  4.2. UPS Suitable UPS with maintenance free batteries for minimum 30 minutes back-up for entire system should be supplied with the system.  **5 Standards, Safety and Training**  5.1. Product Certification The quoted model should have FDA/European CE certificate and copy of the same should be enclosed along with the technical bid.  5.2. Manufacturer should have the ISO: 13485 certification and the copy of the same should be enclosed along with the technical bid.  **6 Documentation**  6.1. Two numbers of Complete User manuals as to be supplied  6.2 Compliance Statement Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/Para number of original catalogue/data sheet. |
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**Bedpan Washer**

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| **SN** | **Existing specification** | **Amendments** |
| 1 | 1.18) NIL | 1.18)Should be supplied with following accessories  Compatible Bedpans – 6 nos  Compatible Urine bottles – 6 nos |

**Syringe Pump**

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| **SN** | **Existing specification** | **Amendments** |
| 1 | Flow rate should be programmable from 0.1 to 999.9 ml/hr for 50 ml syringe. Should save last infusion rate even when the AC power is switched OFF. | Flow rate should be programmable from 0.1 to 99.9 ml/hr for 50 ml syringe. |
| 2 | Display of Drug Name with a provision of memorizing more than 25 names by the operator | Deleted |

**Portable X ray**

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| **SN** | **Existing specification** | **Amendments** |
| 1 | Should be microprocessor controlled high frequency, output 10 KW or above. | Should be microprocessor controlled high frequency, output 2.5 KW or above. |
| 2 | mA range should be 100 mA or more | mA range should be 60 mA or more |

**Patient Warmer**

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| **SN** | **Existing specification** | **Amendments** |
| 1 | Control unit should regulate warmth to every area of quilt by use of Carbon Fibres. | Control unit should regulate warmth to every area of quilt/blanket by use of Carbon Fibres/warm air. |
| 2 | Should have standard accessories. | Should have standard accessories including adult quilt/blanket. |

**Non Invasive Cardiac output Monitor**

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| **SN** | **Existing specification** | **Amendments** |
| 1 | Data storage, analysis and reporting facility for at least 200 patients | Data storage, analysis and reporting facility for at least 10 patients |
| 2 | Future upgradeable to peripheral flow measurement(both arterial & veins) | Future upgradeable to peripheral flow measurement (both arterial & veins) is preferred. |

**DVT Prophylaxis Sequential Compression Device**

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| **SN** | **Existing specification** | **Amendments** |
| 1 | Visual indicators for pressures and time present | Deleted |

**Table Top Autoclave –Low End**

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| **SN** | **Existing specification** | **Amendments** |
| 1 | System should have digital display for Temperature and Time. System should have analogue display for Pressure. |  |
| 2 | Spare Gaskets-4 Nos  Spare Heater Coil- 3 nos | Spare Gaskets-1 No  Spare Heater Coil- 1no |

**Examination Lamp Mobile**

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| **SN** | **Existing specification** | **Amendments** |
| 1 | Bulb should be of low wattage halogen type. | Should be LED based. |
| 2 | Should be provided with spare bulbs of 2 nos | Deleted. |

**Ultrasonic Nebulizer**

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| **SN** | **Existing specification** | **Amendments** |
| 1 | Should have a built in timer and timer may be set for any desired point between zero and 30 minutes | Deleted |

**Overbed table**

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| **SN** | **Existing specification** | **Amendments** |
| 1 | Aluminum extruded telescopic section fitted with gas spring for height adjustment | Aluminum extruded telescopic section with height adjustment by crank operation/gas spring |

**Water Dispenser**

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| **SN** | **Existing specification** | **Amendments** |
| 1 | Should be floor mounted type | Should be wall/floor mounted type |
| 2 | Should have 3 faucets and having facility of Normal, Hot and Cold water | Should have 2 faucets and having facility of Normal and Hot water |
| 3 | Display should be LED/LCD type | Should be with prefiltration and UV purifier |
| 4 | Should have hot water dispensing lock | Should work with normal tap water. |
| 5 | Cooling Cabinet temperature (Degrees Celsius): 10 Deg. | Deleted |
| 6 | Capacity approx: |  |
|  | Hot water Storage Capacity (litres): 0.8 | Deleted |
|  | Cooling Capacity (litres/hr): 3 | Deleted |
|  | Heating Capacity (litres/hr): 5 | Deleted |
|  | Power : 230V/50Hz | Power : 230V/50Hz |
|  | Colour: Preferably white | Deleted |
|  | Manufacturer should be ISO certified. | Should be reputed make |

The CMC is applicable for a period of **5 years** after the Warranty period all the bidders are requested to quote accordingly.

**The pre bid meeting minutes shall form part of the tender document and all the bidders are requested to seal and sign the pre bid meeting minutes and should be submitted along with the tender.**