

Amendment No. 1**24-11-2017****Sub: Amendment to the Bidding Document****Ref.: Notice Inviting Bid ref. HITES/PCD/NCI-AIIMS/05/17-18 dated 08.11.2017**

The following changes have been authorised and are being incorporated in the above referred Bidding Document.

SECTION – VII**TECHNICAL SPECIFICATION AND GENERAL POINTS****A. TECHNICAL SPECIFICATION:****Paperless Critical Care and Anaesthesia Solution**

Sl. No	Tender Page & Para	EXISTING SPECIFICATION	AMENDED SPECIFICATION
1	Page 44-45 Para A.I.18	A. Anaesthesia Machine with Integrated Monitor & Ventilator 18. Should have battery backup of atleast 60 minutes.	A. Anaesthesia Machine with Integrated Monitor & Ventilator 18. Should have battery backup of atleast 30 minutes.
2	Page 45 Para III	III. TCI (Target Controlled Infusion) Pump: (One no with each Anaesthesia Workstation) Minimum 2 channels and provision to add more any time. Each channel will have the following specifications:	III. TCI (Target Controlled Infusion) Pump: (One no with each Anaesthesia Workstation) Pump should have the following features
3	Page 45 Para III.1	III. TCI (Target Controlled Infusion) Pump: (One no with each Anaesthesia Workstation) 1. Base/ console having a provision of a LCD/TFT display to show the Status of Infusions being given to Patient.	III. TCI (Target Controlled Infusion) Pump: (One no with each Anaesthesia Workstation) 1. Base/ console/ Pump having a provision of a LCD/TFT display to show the Status of Infusions being given to Patient.
4	Page 45 Para III.2	III. TCI (Target Controlled Infusion) Pump: (One no with each Anaesthesia Workstation) 2. Base can support TCI with normal syringe pumps or volumetric pumps up to eight simultaneously running pumps (Multichannel system).	III. TCI (Target Controlled Infusion) Pump: (One no with each Anaesthesia Workstation) 2. Base can support TCI with normal syringe pumps or volumetric pumps Upto three simultaneously running pump.

Sl. No	Tender Page & Para	EXISTING SPECIFICATION	AMENDED SPECIFICATION
5	Page 45 Para III.3	III. TCI (Target Controlled Infusion) Pump: (One no with each Anaesthesia Workstation) 3. Upto 7 pre-programmed protocols can be stored	III. TCI (Target Controlled Infusion) Pump: (One no with each Anaesthesia Workstation) 3. Upto 5-7 pre-programmed protocols can be stored
6	Page 46 Para 5	III. TCI (Target Controlled Infusion) Pump: (One no with each Anaesthesia Workstation) 5. Unit should offer inbuilt programs for hyponotic drugs such as Propofol, Ketamine and analgesics such as Morphine, Fentanyl, Ramifentanyl etc.	III. TCI (Target Controlled Infusion) Pump: (One no with each Anaesthesia Workstation) 5. Deleted
7	Page 46 Para 3	Pump Specification: 3. Should have Pressure limit selection from 100 to 1100 mmHg	Pump Specification: 3. Should have Pressure limit selection from 100 to 1000 mmHg
8	Page 46 Para B.3	B. Cardiac Monitor for ICU with CNS and Transport Monitor/Module 3. Monitor should display minimum 10 waveform or more, along with related numerical parameters on single screen.	B. Cardiac Monitor for ICU with CNS and Transport Monitor/Module 3. Monitor should display minimum 8 waveform or more, along with related numerical parameters on single screen.
9	Page 47 Para B.3	B. Cardiac Monitor for ICU with CNS and Transport Monitor/Module 5. BIS/Entropy, Inbuilt NMT, 2 channel EEG module. (Price of these modules should be quoted separately).	B. Cardiac Monitor for ICU with CNS and Transport Monitor/Module 5. BIS/Entropy, Inbuilt NMT & 2 channel EEG module or Standalone EEG Monitor. (Price of these modules should be quoted separately). All these modules/standalone monitor should be integrated with the charting system.
10	Page 47 Para B.7	B. Cardiac Monitor for ICU with CNS and Transport Monitor/Module 7. Monitor should provide 24 hours review data including graphical and tabular trends, arrhythmia event recalls, alarms. Monitor should have full disclosure of user selectable waveform, haematological and lung trends.	B. Cardiac Monitor for ICU with CNS and Transport Monitor/Module 7. Monitor should provide 24 hours review data including graphical and tabular trends, arrhythmia event recalls, alarms. Should have full disclosure of user selectable waveform (either on monitor or through central station) , haematological and lung trends.
11	Page 48 Para C.3	C. ICU Ventilator 3. The system should have the facility for both Pressure triggering & Flow triggering.	C. ICU Ventilator 3. The system should have the facility for both Pressure triggering and/or Flow triggering

Sl. No	Tender Page & Para	EXISTING SPECIFICATION	AMENDED SPECIFICATION
12	Page 48 Para C.5	C. ICU Ventilator 5. The system should have the following parameters: Trigger flow: Adult: Adult: 2 l/s Trigger Pressure: 20 – 0 cm H2O below PEEP	C. ICU Ventilator 5. The system should have the following parameters: Trigger flow: All Category: 0.3 to 1.5 lpm and/or Trigger Pressure: 20 - 0 cm H2O below PEEP
13	Page 48 Para C.7	C. ICU Ventilator 7. 15" Colour Touch Screen TFT user interface screen. It should be possible to display at least three types of waveforms & two loops for each breath Access through touch screen & Direct access to vital settings: PEEP, O2 concentration, Respiratory rate & Volume (or Pressure).	C. ICU Ventilator 7. Atleast 12" Colour Touch Screen TFT user interface screen. It should be possible to display at least three types of waveforms & two loops for each breath Access through touch screen & Direct access to vital settings: PEEP, O2 concentration, Respiratory rate & Volume (or Pressure).
14	Page 49 Para 16	16. A minimum of 5 nos. flow sensors should be supplied with the ventilator	16. A minimum of 5 nos. flow sensors should be supplied with the ventilator or one no permanent sensor which should be covered under warranty.
15	Page 49 Para C.24	C. ICU Ventilator 24. System should be able to connect for Anaesthesia Charting facility. Necessary protocol/ codes required for this to be provided by the Ventilator vendor to the Charting vendor.	System should be able to connect to Charting system as specified in Para D in the specification.
16	Page 49 Para D.2	D. Electronic Data Management & Automatic Electronic Patient charting solution for Operation Theater, Pre & Post operative Beds, Intensive Care unit and Emergency Ward Web based Charting system should have following features– 2. Retrieval of patient demographic information from Hospital HIS via HL7 protocols / web services as the case maybe (It shall be the responsibility of bidder to interface the Charting system with NCI-AIIMS HIS).	Web based Charting system should have following features– 2. Retrieval of patient demographic information from Hospital HIS (with HL 7 Compliant HIS System) via HL7 protocols / web services as the case maybe (It shall be the responsibility of bidder to interface the Charting system with NCI-AIIMS HIS).

Sl. No	Tender Page & Para	EXISTING SPECIFICATION	AMENDED SPECIFICATION
17	Page 49 Para D.8	<p>D. Electronic Data Management & Automatic Electronic Patient charting solution for Operation Theater, Pre &Post operative Beds, Intensive Care unit and Emergency Ward</p> <p>Web based Charting system should have following features–</p> <p>8. It should be possible for at least 25 users to simultaneously login to the system.</p>	<p>D. Electronic Data Management & Automatic Electronic Patient charting solution for Operation Theater, Pre &Post operative Beds, Intensive Care unit and Emergency Ward</p> <p>Web based Charting system should have following features–</p> <p>8. It should be possible for at least 100 users to simultaneously login to the system.</p>
18	Page 55 Point 8	<p>Annexure 1</p> <p>Matrix for Paperless Critical care & Anaesthesia Solution</p> <p>Syringe Pump Qty. 100 nos.</p>	<p>Annexure 1</p> <p>Matrix for Paperless Critical care & Anaesthesia Solution</p> <p>Syringe Pump Qty. 125 nos.</p> <p>Docking Station - 61 nos.</p>

B. GENERAL POINTS:

1. Warranty:

Existing:

- c) During the Warranty period, desired Uptime of 95% of 365/366 (Leap Year) days (24 hrs), if downtime more than 5%, the warranty period/CAMC period will be extended by double the downtime period. In addition a penalty equal to amount of 0.25 % of the total cost of equipment per day will be liveable for the excess downtime period. Complaints should be attended properly, maximum within 8 hrs.

Amended as:

- c) During the Warranty period, desired Uptime of 95% of 365/366 (Leap Year) days (24 hrs), if downtime more than 5%, the warranty period/CAMC period will be extended by double the downtime period. Complaints should be attended properly, maximum within 8 hrs.

4. Comprehensive Annual Maintenance Contract (CAMC) of subject equipment:

Existing:

- e) During the CAMC period, desired Uptime of 95% of 365/366 (Leap Year) days (24 hrs), if downtime more than 5%, the warranty period/CAMC period will be extended by double the downtime period. In addition a penalty equal to amount of 0.25 % of the total cost of equipment per day will be liveable for the excess downtime period. Complaints should be attended properly, maximum within 8 hrs.

Amended as:

- e) During the CAMC period, desired Uptime of 95% of 365/366 (Leap Year) days (24 hrs), if downtime more than 5%, the warranty period/CAMC period will be extended by

double the downtime period. Complaints should be attended properly, maximum within 8 hrs.

5. Uptime & Downtime Penalty Clause:

Existing:

b) During the Warranty period and CAMC period, desired Uptime of 95% of 365/366 (Leap Year) days (24 hrs), if downtime more than 5%, the warranty period/CAMC period will be extended by double the downtime period. In addition a penalty equal to amount of 0.25 % of the total cost of equipment per day will be liveable for the excess downtime period. Complaints should be attended properly, maximum within 8 hrs.

Amended as:

b) During the Warranty period and CAMC period, desired Uptime of 95% of 365/366 (Leap Year) days (24 hrs), if downtime more than 5%, the warranty period/CAMC period will be extended by double the downtime period. Complaints should be attended properly, maximum within 8 hrs.

IMPORTANT NOTE:

Bidders may simulate online bid submission (technical & financial) at least one week in advance of the bid submission deadline. No clarifications/troubleshooting regarding any problems being faced during bid submission online shall be entertained in the last week of bid submission.

All other contents of the Bidding Document including terms & conditions remain unaltered.