



## Notice Inviting e-Tender

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SUPPLY AND COMMISSIONING OF MEDICAL EQUIPMENT AT MEDICAL COLLEGE AND HOSPITAL OF THE GOVERNMENT OF WEST BENGAL (Group 1).

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT- 216/2018

Dated-12.10.2018

The following amendments have been made in the tender document,

### Amendment –XIV (Revision of Technical Specification)

The revised technical specifications for the item is given below,

#### Anaesthesia Work Station

Parameter / Feature	Threshold Limit / Range
Battery back up in minutes	60 or more
Gas flow in liter	(0.15 - 10) or more
Vaporiser flow range in liter/minutes	(0.2 -15) or more
Vaporiser chamber capacity in ml.	225 or more
Ventilator TFT display size (diagonal) in inch.	12 or more
Ventilator Tidal Volume in ml.	(20 -1400) or more
Ventilator frequency in breaths/minutes	(4 - 50) or more
Ventilator I:E ratio	(2:1 - 1:3) or more
Ventilator inspiratory pause in % of Time	0-60

Ventilator PEEP in cm H <sub>2</sub> O	(4-20) or more
Ventilator pressure limit in cm H <sub>2</sub> O	(5-60) or more
Sodalime capacity in liters	(1-2) or more
Drawers non lockable	2 or more
Provision for vaporisers	2 or more
Flow triggered assist mode	(0.7 – 4) liters or more
<b>MUST HAVE SPECIFICATION</b>	
<b>Parameter / Feature</b>	<b>Yes / No</b>
Provision for delivery of oxygen, nitrous oxide and medical air	
Circle absorber, ventilator and vaporiser	
Independent attachments for connecting central gas and pin indexed cylinders	
Non interchangeable pipe line hose	
Large size pressure gauge / Digital Display	
Integrated independent oxygen flow meter	
Quick availability of gases on the time of machine on/off	
Selector switch should be there for open and close circuit	
The common gas outlet mounted at front of the machine	
Writing table/work surface	
Top shelf	
N <sub>2</sub> O cut off facility if O <sub>2</sub> supply fails	
O <sub>2</sub> failure alarm both visual and audible	
Availability of O <sub>2</sub> flush bypassing vaporiser	
Visual display of individual gas	
Maintenance free vaporiser for the life of the product	
Pneumatically / Electrically driven and electronically controlled Ventilator	
Control of ventilator parameter by touch screen and rotary dial	
Availability of VCV, PCV, SIMV, spontaneous/pressure support, manual modes	
Leak compensation	
User adjustable alarms for major parameters	
User adjustable apnea alarms	

Display of patient loop (Pressure & Volume) and wave form (flow /volume and air way pressure), CO2 wave form.	
Display of compliance and resistance	
Separate flow sensor for inspiratory and expiratory breathing path	
Reusable & autoclavable type volume measurement sensor	
EtCO <sub>2</sub> Sampling Line with T / Elbow Connector for side stream: 50 nos.	
Upside down and clearly visible Bellows	
Provision for low flow anaesthesia	
Paramagnetic O <sub>2</sub> sensor	
Anaesthesia Gas Monitoring ; The monitor may be European CE approved	
Double mounted Precision Vaporizers (Temperature and flow compensated) for Sevoflurane and Isoflurane. Vaporizer should be US FDA of the same OEM.	
Reusable silicon Circuit for- Adult: 02 nos. Paediatric: 02 nos.	
Disposable Circuit : Adult: 10 nos. Paediatric: 10 nos.	
Reusable Mask (size:1,2,3,4,5):- 1 each	
<b>Electrical Safety and Quality Certification</b>	
Standard & safety certification (European CE & US FDA approved)	

# Amendment –XV

## Section V. Bidding Forms

### Form 2: CHECK-LIST

[Please fill in and include with your Bid]

**Note 1:** It is essential that all documents in hard copy are to be placed before the Committee and arranged in the same sequence as given in the Check List. All the documents should be appropriately flagged.

**Note 2:** If any document is written in any language other than English, an English translation of the document duly authenticated is to be submitted.

**Note 3:** All the documents mentioned below are essential for qualifying in the technical evaluation.

**Note 4:** After opening of the technical bids, if it is found that any of the documents required to be submitted with the bids is wanting, WBMSCL shall reserve the right to allow late submission of such document at its discretion within a specified time limit.

Non statutory documents to be submitted under My Document				
Sl. No.	Activity	Yes/No/N A	Page No in the Bid	Remark
1	PAN Card			
2	GST registration Certificate			
3	License from Government/ Statutory Authority as applicable OR Registration with the Registrar Of Companies, if applicable.			
4	Manufacturing Licence (National/International). (In case, manufacturing licence is not required / applicable for production of the quoted item, notarized declaration from the manufacturer is to be submitted)			
5	Performance Statement Form (For the period of last three calendar years ending December 2018) - Form 7 of Section V			
6	ISO certificate			
7	Income Tax returns for assessment year 2014-15, 2015-16 & 2016-17			
8	Tender Form as per Form 1			
9	Manufacturer's Authorization (If applicable) as per Form no. 6 of Section V			
10	List of installations & commissioning in India of offered model. (self declaration)			

11	Satisfactory Performance Certificate from at least 3 (three) users of the quoted model in support of the satisfactory operation in India.			
12	P/L & Balance sheet 2015-2016			
13	P/L & Balance sheet 2016-2017			
<b>BID – A</b>				
Sl. No.	Activity	Yes/No /NA	Page No in the Bid	Remark
14	Earnest Money Deposit (EMD) / Bid Security in the form of Online			
15	Declaration of the bidder on letter head that “We agree to submit a copy of the Tender Documents and its Amendments and Addendums thereto duly initialled by us in all pages with our seal/ rubber stamp affixed thereto, in token of acceptance thereof.”			
<b>BID – B</b>				
Sl. No.	Activity	Yes/No/N A	Page No in the Bid	Remark
16	Model of the equipment offered for <b>(Self Declaration)</b> with Technical Data Sheet			
17	Comparative Data Table of the Technical Specifications (Form No. 4 of Section V)			
18	2 sets of Brochure of the offered product / model.			
19	European CE (“Conformite Europeene”) Certificate and / or European CE IVD and / or US FDA Certificate as required in the technical specification of the equipment.			
20	Pre-requisites of installation [Power (KVA, Phase, Hz) and any other requirement, if any]			
21	Average Annual Turnover of the Company in medical equipment division during the last 3 Financial Years (2014-15, 2015-16, 2016-17) (in INR) - to be certified by practicing Chartered Accountant as per format given in <b>FORM 10</b>			
22	<b>Form 11:</b> Declaration of Quality Certification of Equipment (as applicable)			