

05.01.2023

Tender For the Supply and installation of Physiological Monitoring - I For Tertiary Care Hospitals At Govt. Rajaji Hospital, Madurai Govt, Kilpauk Medical College Hospital, Chennai and Govt. Coimbatore Medical College Hospital, Coimbatore

Tender No: PKG1/C1/ICB/TNUHP/JICA/TNMSC/ENGG/2022, Dt. 29.307.2022

Corrigendum – I

a) The following Corrigendum are issued:

Sl. No.	Tender Reference	Instead of	Read As
1	Page No. 59 <u>Section III:</u> <u>2. Qualification</u> <u>2.3 Financial Situation and Capabilities</u> <u>2.3.2 Average Annual Turnover</u>	<u>Lot/ Contract :1</u> INR/INR equivalent of 82.20 crore Non-Manufacturer Bidder in the last 3 years (2019-2020 to 2021-22), as total certified payments received for contracts in progress and/ or completed divided by 3 years.	INR/INR equivalent of 30 crore Non-Manufacturer Bidder in the last 3 years (2019-2020 to 2021-22), as total certified payments received for contracts in progress and/ or completed divided by 3 years.
2	Page No. 620 <u>Section III:</u> <u>2. Qualification</u> <u>2.3 Financial Situation and Capabilities</u> <u>2.3.2 Average Annual Turnover</u>	<u>Lot/ Contract :5</u> INR/INR equivalent of 20.50 crore Non-Manufacturer Bidder in the last 3 years (2019-2020 to 2021-22), as total certified payments received for contracts in progress and/ or completed divided by 3 years.	INR/INR equivalent of 8 crore Non-Manufacturer Bidder in the last 3 years (2019-2020 to 2021-22), as total certified payments received for contracts in progress and/ or completed divided by 3 years.
3	Page No. 114 <u>Section VI</u> <u>3. Technical Specification</u> <u>1. Multi Para Monitor with EtCO2 & IBP</u>	3. Should have minimum Display up to 7 Waveforms.	3. Should have Display of atleast 7 Waveforms or more.
4	Page No. 114 <u>Section VI</u> <u>3. Technical Specification</u> <u>1. Multi Para Monitor with EtCO2 & IBP</u>	4. Should have 72 hours graphic and tabular trend of all parameters.	4. Should have 120 hours or more graphic and tabular trend of all parameters.

Sl. No.	Tender Reference	Instead of	Read As
5	Page No. 114 <u>Section VI</u> <u>3. Technical Specification</u> <u>1. Multi Para Monitor with EtCO2 & IBP</u>	5. Should have ECG including, Heart Rate, 6 Channel ECG Waveforms, ST segment Analysis, Arrhythmia Analysis	5. Should have ECG including, Heart Rate, 6 Channel ECG Waveforms, ST segment Analysis, Arrhythmia Analysis. Optional features: Advanced softwares like ST mapping, QT Analysis, HRV analysis, Oxygenation, Renal Calculations & Drug Dose Calculation.
6	Page No. 114 <u>Section VI</u> <u>3. Technical Specification</u> <u>1. Multi Para Monitor with EtCO2 & IBP</u>	6. Should have Oxygen saturation includes oxygen saturation, pulse rate, pulse wave	6. Should have Oxygen saturation (Masimo or Equivalent technology) including oxygen saturation, pulse rate, pulse wave.
7	Page No. 114 <u>Section VI</u> <u>3. Technical Specification</u> <u>1. Multi Para Monitor with EtCO2 & IBP</u>	11. EtCo2 is to be of side stream or main stream Technology.	11. EtCo2 is to be of side stream technology.
8	Page No. 114 <u>Section VI</u> <u>3. Technical Specification</u> <u>1. Multi Para Monitor with EtCO2 & IBP</u>	16. Should have RJ45 Networking for powerful CMS Networking	16. Should have RJ45 Networking for powerful CMS Networking and optional feature of monitor connecting to external Laser printer directly without any computer interface.
9	Page No. 114 <u>Section VI</u> <u>3. Technical Specification</u> <u>1. Multi Para Monitor with EtCO2 & IBP</u> Scope of Supply must	a) Basic unit with ECG, Resp, SpO2, Dual Temp, NIBP, Two IBP, inbuilt battery - 1 No.	a) Basic unit with ECG, Resp, SpO2(masimo or equivalent technology), Dual Temp, NIBP, Two IBP,

Sl. No.	Tender Reference	Instead of	Read As
	include:		EtCO ₂ , inbuilt battery - 1 No.
10	Page No. 114 <u>Section VI</u> <u>3. Technical Specification</u> <u>1. Multi Para Monitor with EtCO₂ & IBP</u> Scope of Supply must include:		Add the following point after (i) j. Side stream ETCO ₂ accessories including water trap collection tube – 50 Nos. k) Wall mount bracket with cables holder for mounting the monitors should be provided.
11	Page No. 115 <u>Section VI</u> <u>3. Technical Specification</u> <u>2. Multi Para Monitor with IBP, ETCO₂, CO, BIS Module & AGM with Slave Monitor</u>	9. Each monitor should have the capability to monitor ECG, Respiration, NBP, SpO ₂ , 2 x invasive pressure, BIS and Gas monitoring automatic detection of Anesthesia gases.	9. Each monitor should have the capability to monitor ECG, Respiration, NBP, SpO ₂ , IBP, EtCO ₂ , BIS and Gas monitoring automatic detection of Anesthesia gases.
12	Page No. 115 <u>Section VI</u> <u>3. Technical Specification</u> <u>2. Multi Para Monitor with IBP, ETCO₂, CO, BIS Module & AGM with Slave Monitor</u>	13. The monitor should be capable of displaying 48 hours trends for all monitor parameters. Time resolution for trends should be selectable.	13. The monitor should be capable of displaying 120 hours trends for all monitor parameters. Time resolution for trends should be selectable. Optional feature: Should store data on SD card/ Flash card memory which can be removed from one monitor and plugged in another monitor of same make and printout of same can be taken from computer without any special software
13	Page No. 115 <u>Section VI</u>	18. The monitor should be upgradable to following	18. Deleted

Sl. No.	Tender Reference	Instead of	Read As
	<u>3. Technical Specification</u> <u>2. Multi Para Monitor with IBP, ETCO2, CO, BIS Module & AGM with Slave Monitor</u>	interchangeable modules and to be quoted separately: -NMT - SvO2 (Venous Oxygen Saturation)Module - Cerebral Pulse-oximetry	
14	Page No. 115 <u>Section VI</u> <u>3. Technical Specification</u> <u>2. Multi Para Monitor with IBP, ETCO2, CO, BIS Module & AGM with Slave Monitor</u>	20. The monitor and it's all parameters/modules must be US FDA or European CE approved (requisite certificates to be enclosed).	20. The monitor and its all modules must be US FDA or European CE approved (requisite certificates to be enclosed).
15	Page No. 115 <u>Section VI</u> <u>3. Technical Specification</u> <u>2. Multi Para Monitor with IBP, ETCO2, CO, BIS Module & AGM with Slave Monitor</u> Scope of supply must include:	a) Basic unit with ECG, Resp, SpO2, Dual Temp, NIBP, Three IBP, inbuilt battery - 1 No.	a) Basic unit with ECG, Resp, SpO2, Dual Temp, EtCO2, NIBP, Three IBP, inbuilt battery - 1 No.
16	Page No. 115 <u>Section VI</u> <u>3. Technical Specification</u> <u>2. Multi Para Monitor with IBP, ETCO2, CO, BIS Module & AGM with Slave Monitor</u> Scope of supply must include:		Add the following point after (k) l. Side stream ETCO2 accessories including water trap collection tube – 50 Nos. m. Wall mount bracket with cables holder for mounting the monitors should be provided.
17	Page No. 117 <u>Section VI</u> <u>3. Technical Specification</u> <u>3. Multipara Monitor</u>	2. Should have a minimum 12.1-inch-High Bright Screen, Portable, with Battery Backup at least 1 hour.	2. Should have a minimum 12.1-inch-High Bright Screen, Portable, with Battery Backup at least 2 hour.
18	Page No. 117 <u>Section VI</u> <u>3. Technical Specification</u> <u>3. Multipara Monitor</u>	4. Should have 72 hours graphic and tabular trend of all parameters.	4. Should have 120 hours graphic and tabular trend of all parameters.

Sl. No.	Tender Reference	Instead of	Read As
19	Page No. 117 <u>Section VI</u> <u>3. Technical Specification</u> <u>3. Multipara Monitor</u>	6. Should have Oxygen saturation includes oxygen saturation, pulse rate, pulse wave	6. Should have Oxygen Saturation (masimo or equivalent technology) including oxygen saturation, pulse rate, pulse wave.
20	Page No. 117 <u>Section VI</u> <u>3. Technical Specification</u> <u>3. Multipara Monitor</u>	12. Should have RJ45 Networking for powerful CMS Networking.	12. Should have RJ45 Networking for powerful CMS Networking and optional feature of monitor connecting to external Laser printer directly without any computer interface.
21	Page No. 117 <u>Section VI</u> <u>3. Technical Specification</u> <u>3. Multipara Monitor</u> <u>15. Standard Accessories:</u>	a. Basic unit with ECG, Resp, SpO2, Dual Temp, NIBP, inbuilt battery - 1 No.	a. Basic unit with ECG, Resp, SpO2 (Masimo or Equivalent technology), Dual Temp, NIBP, inbuilt battery - 1 No.
22	Page No. 117 <u>Section VI</u> <u>3. Technical Specification</u> <u>3. Multipara Monitor</u> <u>15. Standard Accessories:</u>	b. 3 lead ECG Trunk Cable - 1 No. each per monitor	b. 3 lead ECG Cable - 1 No. each per monitor
23	Page No. 117 <u>Section VI</u> <u>3. Technical Specification</u> <u>3. Multipara Monitor</u> <u>15. Standard Accessories:</u>		Add the following after (h). i. Wall mount bracket with cables holder for mounting the monitors should be provided.
24	Page No. 118 <u>Section VI</u> <u>3. Technical Specification</u> <u>4. Multipara Monitor with IBP, ETCO2, AGM and BIS module</u>	j. Should have ECG, Respiration, NIBP, SPO2, Dual Temperature, Three IBP, AGM, BIS as standard.	j. Should have ECG, Respiration, NIBP, SPO2 (masimo or equivalent technology), Dual Temperature, EtCO2, Three IBP, AGM, BIS as standard.

Sl. No.	Tender Reference	Instead of	Read As
25	Page No. 118 <u>Section VI</u> <u>3. Technical Specification</u> <u>4. Multipara Monitor with IBP, ETCO2, AGM and BIS module</u>	m. Should have monitoring, surgery and diagnostic mode of monitoring for ECG.	m. Should have monitoring and diagnostic mode of monitoring for ECG to be used in OT and should have high-end filters
26	Page No. 118 <u>Section VI</u> <u>3. Technical Specification</u> <u>4. Multipara Monitor with IBP, ETCO2, AGM and BIS module</u>	n. Should have Advance Arrhythmia monitoring for Asystole, Vfib/Vtac, VT>2, Couplet, Bigeminy, Trigeminy, R on T, PVC, Tachy, Brady, Missed Beats, IRR, PNC, Vbrady	n. Should have Advance Arrhythmia monitoring for 20 or more types of Arrhythmia.
27	Page No. 118 <u>Section VI</u> <u>3. Technical Specification</u> <u>4. Multipara Monitor with IBP, ETCO2, AGM and BIS module</u>	q. Should have 240 hrs or more trend and 60 events with waveform as standard.	q. Should have 120 hrs or more trend and 60 events with waveform as standard.
28	Page No. 118 <u>Section VI</u> <u>3. Technical Specification</u> <u>4. Multipara Monitor with IBP, ETCO2, AGM and BIS module</u>	r. Should be able to store and display 96 hours or more full disclosure waveforms.	r. Should be able to store and display 48 hours or more full disclosure waveforms.
29	Page No. 118 <u>Section VI</u> <u>3. Technical Specification</u> <u>4. Multipara Monitor with IBP, ETCO2, AGM and BIS module</u>	t. Should be able to be adjusted based on users preferences. Nurse call, VGA output and two RS232 ports should be standard	t. Should be able to be adjusted based on users preferences. Nurse call, VGA output / HDMI and RS232 ports should be standard
30	Page No. 118 <u>Section VI</u> <u>3. Technical Specification</u> <u>4. Multipara Monitor with IBP, ETCO2, AGM and BIS module</u>	y. Should be able to display parameters, waveforms and loops on monitors from Ventilator/ Anesthesia machines from the same manufacturer.	y. Should be able to display parameters, waveforms and loops on monitor from Ventilator/ Anesthesia machines.

Sl. No.	Tender Reference	Instead of	Read As
31	Page No. 118 <u>Section VI</u> <u>3. Technical Specification</u> <u>4. Multipara Monitor with IBP, ETCO2, AGM and BIS module</u>	z. Should be European CE or USFDA for both Monitor and software to control physiologic monitoring systems. Wired and wireless networking should be standard to connect to Central station	z. Should be European CE or USFDA certified.
32	Page No. 118 <u>Section VI</u> <u>3. Technical Specification</u> <u>4. Multipara Monitor with IBP, ETCO2, AGM and BIS module</u>	aa. Should have inbuilt thermal recorder and anti theft lock facility should be possible for better hospital asset management	aa. Should have inbuilt thermal recorder and anti theft lock facility should be possible for better hospital asset management. (Optional)
33	Page No. 118 <u>Section VI</u> <u>3. Technical Specification</u> <u>4. Multipara Monitor with IBP, ETCO2, AGM and BIS module</u>	A. Should have following parameters:- 3. SPO2 Should have proprietary SPO2 Technology	Should have masimo or equivalent SPO2 sensing Technology.
34	Page No. 118 <u>Section VI</u> <u>3. Technical Specification</u> <u>4. Multipara Monitor with IBP, ETCO2, AGM and BIS module</u> A. Should have following parameters:- 7. AGM		Add the following under 7. AGM - Should be inbuilt or in the form of module.
35	Page No. 118 <u>Section VI</u> <u>3. Technical Specification</u> <u>4. Multipara Monitor with IBP, ETCO2, AGM and BIS module</u> A. Should have following parameters:- 8. Bispectral Index Monitoring		Add the following under 8. Bispectral Index Monitoring - Should be inbuilt or in the form of module.
36	Page No. 118 <u>Section VI</u>		Add the following after (8)

Sl. No.	Tender Reference	Instead of	Read As
	<p><u>3. Technical Specification</u> <u>4. Multipara Monitor with IBP, ETCO2, AGM and BIS module</u> A. Should have following parameters:-</p>		<p>9. EtCO2 - Should Should have EtCO2 channel including CO2 wave, respiration rate, EtCO2 and FiCO2. - EtCO2 should be of side stream technology.</p>
37	<p>Page No. 118 <u>Section VI</u> <u>3. Technical Specification</u> <u>4. Multipara Monitor with IBP, ETCO2, AGM and BIS module</u> B. Scope of Supply must include:</p>	<p>a. Basic unit with ECG, Resp, SpO2, Dual Temp, NIBP, Three IBP, inbuilt battery - 1 No.</p>	<p>. Basic unit with ECG, Resp, SpO2, Dual Temp, NIBP, EtCO2, Three IBP, inbuilt battery - 1 No.</p>
38	<p>Page No. 118 <u>Section VI</u> <u>3. Technical Specification</u> <u>4. Multipara Monitor with IBP, ETCO2, AGM and BIS module</u> B. Scope of Supply must include:</p>	<p>b) lead ECG Trunk Cable - 1 No each per</p>	<p>b) 5 lead ECG Cable - 1 No</p>
39	<p>Page No. 118 <u>Section VI</u> <u>3. Technical Specification</u> <u>4. Multipara Monitor with IBP, ETCO2, AGM and BIS module</u> B. Scope of Supply must include:</p>		<p>Add the following point after (j) k. Side stream ETCO2 accessories including water trap collection tube – 50 Nos. l. Wall mount bracket with cables holder for mounting the monitors should be provided.</p>
40	<p>Page No. 121 <u>Section VI</u> <u>3. Technical Specification</u> <u>5. Multipara Monitor with IBP, ETCO2 and AGM</u></p>	<p>2. Should monitor ECG, Respiration, NIBP, SpO2, Dual Temperature, Three IBP, AGM as standard.</p>	<p>2. Should monitor ECG, Respiration, NIBP, SpO2(masimo or equivalent technology), Dual</p>

Sl. No.	Tender Reference	Instead of	Read As
			Temperature, ETCO2, Three IBP, AGM as standard.
41	Page No. 121 <u>Section VI</u> <u>3. Technical Specification</u> <u>5. Multipara Monitor with IBP, ETCO2 and AGM</u>	3. Should have ST analysis, Arrhythmia detection, pacer spike detection, Drug Dose Calculation, titration table.	3. Should have ST analysis, Arrhythmia detection, pacer spike detection, Drug Dose Calculation
42	Page No. 121 <u>Section VI</u> <u>3. Technical Specification</u> <u>5. Multipara Monitor with IBP, ETCO2 and AGM</u>	6. Should have monitoring, surgery and diagnostic mode of monitoring for ECG.	6. Should have monitoring and diagnostic mode of monitoring for ECG to be used in OT and should have high-end filters.
43	Page No. 121 <u>Section VI</u> <u>3. Technical Specification</u> <u>5. Multipara Monitor with IBP, ETCO2 and AGM</u>	7. Should have Advance Arrhythmia monitoring for Asystole, Vfib/Vtac, VT>2, Couplet, Bigeminy, Trigeminy, R on T, PVC, Tachy, Brady, Missed Beats, IRR, PNC, Vbrady	7. Should have Advance Arrhythmia monitoring for 20 or more types of Arrhythmia.
44	Page No. 121 <u>Section VI</u> <u>3. Technical Specification</u> <u>5. Multipara Monitor with IBP, ETCO2 and AGM</u>	10. Should have 240 hrs or more trend and 60 events with waveform as standard.	10. Should have 120 hrs or more trend and 60 events with waveform as standard.
45	Page No. 121 <u>Section VI</u> <u>3. Technical Specification</u> <u>5. Multipara Monitor with IBP, ETCO2 and AGM</u>	11. Should be able to store and display 96 hours or more full disclosure waveforms.	11. Should be able to store and display 48 hours or more full disclosure waveforms.
46	Page No. 121 <u>Section VI</u> <u>3. Technical Specification</u> <u>5. Multipara Monitor with IBP, ETCO2 and AGM</u>	13. Color or position of waveforms or paranters should be able to be adjusted based on users preference. Nurse call, VGA output and two RS232 ports should be standard	13. Color or position of waveforms or parameters should be able to be adjusted based on users preference. Nurse call, VGA/ HDMI output and

Sl. No.	Tender Reference	Instead of	Read As
			RS232 ports should be standard
47	Page No. 121 <u>Section VI</u> <u>3.Technical Specification</u> <u>5. Multipara Monitor with IBP, ETCO2 and AGM</u>	18. Should be able to display - parameters, waveform and loops on monitors from Ventilator / Anesthesia machines from the same manufacturer.	18. Should be able to display parameters, waveform and loops on monitors from Ventilator / Anesthesia machines
48	Page No. 121 <u>Section VI</u> <u>3.Technical Specification</u> <u>5. Multipara Monitor with IBP, ETCO2 and AGM</u>	19. Should be US FDA or European CE for both Monitor and software to control physiologic monitoring systems	19.Should be US FDA or European CE certified.
49	Page No. 121 <u>Section VI</u> <u>3.Technical Specification</u> <u>5. Multipara Monitor with IBP, ETCO2 and AGM</u>	22. anti theft lock facility should be possible for better hospital asset management.	22. anti theft lock facility should be possible for better hospital asset management. (optional)
50	Page No. 121 <u>Section VI</u> <u>3.Technical Specification</u> <u>5. Multipara Monitor with IBP, ETCO2 and AGM</u> A.Should have following parameters:-	1. ECG - Waveform Freeze option with review of 120 sec.	1. ECG - Waveform Freeze option with review
51	Page No. 121 <u>Section VI</u> <u>3.Technical Specification</u> <u>5. Multipara Monitor with IBP, ETCO2 and AGM</u> A.Should have following parameters:- 3 - SPO2	Should have proprietary SPO2 Technology	Should have masimo or equivalent SPO2 sensing Technology
52	Page No. 121 <u>Section VI</u> <u>3.Technical Specification</u>		Add the following after (7) 8. EtCO2

Sl. No.	Tender Reference	Instead of	Read As
	<u>5. Multipara Monitor with IBP, ETCO2 and AGM</u> A.Should have following parameters:-		- Should Should have EtCO2 channel including CO2 wave, respiration rate, EtCO2 and FiCO2. - EtCO2 should be of side stream technology.
53	Page No. 121 <u>Section VI</u> <u>3.Technical Specification</u> <u>5. Multipara Monitor with IBP, ETCO2 and AGM</u> B. Scope of Supply must include:	a. Basic unit with ECG, Resp, SpO2, Dual Temp, NIBP, Three IBP, inbuilt battery - 1 No.	. Basic unit with ECG, Resp, SpO2, Dual Temp, NIBP, EtCO2, Three IBP, inbuilt battery - 1 No.
54	Page No. 121 <u>Section VI</u> <u>3.Technical Specification</u> <u>5. Multipara Monitor with IBP, ETCO2 and AGM</u> B. Scope of Supply must include:		Add the following point after (j) k. Side stream ETCO2 accessories including water trap collection tube – 50 Nos. l. Wall mount bracket with cables holder for mounting the monitors should be provided.

b) The following clarification is issued:

Sl. No	Tender Reference	Amendment Requested	Clarification issued
1	Page No. 114 <u>Section VI</u> <u>3.Technical Specification</u> <u>1. Multi Para Monitor with EtCO2 & IBP</u> 1. Should have the following Parameters - ECG + SpO2 + NIBP + Resp + Temp (Dual) + IBP (dual)+ETCO2.	i) Requested to amend as, Should have the following Parameters - ECG + SpO2 + NIBP + Resp + Temp (Dual) + IBP (Three) + ETCO2 + CO enabled. ii) Requested to amend as, The IBP & ETCO2 should be in form of modules which can be freely exchanged with same of monitors.	No change. Hence published specification prevails.

Sl. No	Tender Reference	Amendment Requested	Clarification issued
2	Page No. 114 Section VI 3. Technical Specification 1. Multi Para Monitor with EtCO2 & IBP 2. Should have a minimum 15-inch-High Bright Screen, Portable, with Battery Backup at least 1 hour	i) Requested to amend as, Should have a minimum 15-inch-High Bright Screen, Portable, with Battery Backup at least 5 hours or more. ii) Requested to amend as, So, this specification to be changed as " Should have a minimum 12" High Bright Screen, portable, with battery backup of at least 2 hours.	No change. Hence published specification prevails.
3	Page No. 114 Section VI 3. Technical Specification 1. Multi Para Monitor with EtCO2 & IBP 9. Should have Respiration includes Breath rate, breath waveform	Requested to amend as, Respiration includes Respiration rate, Respiration waveform.	No change. Hence Published specification prevails.
4	Page No. 114 Section VI 3. Technical Specification 1. Multi Para Monitor with EtCO2 & IBP 10. Should have EtCO2 Channel includes CO2 wave, Breath rate, EtCo2 and FiCO2.	Requested to amend as, Monitor has EtCO2 Channel includes CO2 wave, Respiration rate, EtCo2 and FiCO2.	No change. Hence Published specification prevails.
5	Page No. 114 Section VI 3. Technical Specification 1. Multi Para Monitor with EtCO2 & IBP 12. Should have Dual IBP Channel configurable with Systolic, Diastolic and Mean Pressures.	Requested to amend as, Should have Three IBP Channel configurable with Systolic, Diastolic and Mean Pressures.	No change. Hence published specification prevails.

Sl. No	Tender Reference	Amendment Requested	Clarification issued
6	Page No. 114 <u>Section VI</u> <u>3. Technical Specification</u> <u>1. Multi Para Monitor with EtCO2 & IBP</u> 17. Should comply with European CE or US FDA.	Requested to amend as, Should comply with European CE and US FDA.	No change. Hence published specification prevails.
7	Page No. 115 <u>Section VI</u> <u>3. Technical Specification</u> <u>2. Multi Para Monitor with IBP, ETCO2, CO, BIS Module & AGM with Slave Monitor</u> 5. Should have the capability to display at least 8 real time waveforms along with related numerical parameters on a single screen.	Requested to amend as, Should have the capability to display at least 12 real time waveforms along with related numerical parameters on a single screen.	No change. Hence published specification prevails.
8	Page No. 115 <u>Section VI</u> <u>3. Technical Specification</u> <u>2. Multi Para Monitor with IBP, ETCO2, CO, BIS Module & AGM with Slave Monitor</u> 6. The Monitor should have a 12 lead ECG display (simultaneous) with capability to derive 12 leads with 5 lead ECG cable only with graphical representation of 12 lead ST segment analysis.	i) Requested to amend as, The Monitor should have a 12 lead ECG display (simultaneous) with capability to derive 12 leads with 5 or 10 lead ECG cable only with graphical representation of 12 lead ST segment analysis. ii) Requested to amend as, The Monitor should have a 12 lead ECG display (simultaneous) with capability to measure 12 leads with 10 lead ECG cable only with graphical representation of 12 lead ST segment analysis.	No change. Hence published specification prevails.

Sl. No	Tender Reference	Amendment Requested	Clarification issued
9	Page No. 115 <u>Section VI</u> <u>3.Technical Specification</u> <u>2. Multi Para Monitor with IBP, ETCO2, CO, BIS Module & AGM with Slave Monitor</u> 7. The size of the numeric should be adjustable & capable to become bigger for viewing from a very long distance. The size adjustment should be easily done using the keys on the screen by the user.	Requested to delete this point.	No change. Hence published specification prevails.
10	Page No. 115 <u>Section VI</u> <u>3.Technical Specification</u> <u>2. Multi Para Monitor with IBP, ETCO2, CO, BIS Module & AGM with Slave Monitor</u> 12. Should have capability to get upgraded to connect third party devices such as Anaesthesia Machines, Syringe Pumps etc.	Requested to delete this point.	No change. Hence published specification prevails.
11	Page No. 115 <u>Section VI</u> <u>3.Technical Specification</u> <u>2. Multi Para Monitor with IBP, ETCO2, CO, BIS Module & AGM with Slave Monitor</u> 14. It should have Pleth variability Index (PVI) as standard to monitor fluid responsiveness of patients non-invasively.	Requested to delete this point.	No change. Hence published specification prevails.

Sl. No	Tender Reference	Amendment Requested	Clarification issued
12	<p>Page No. 115</p> <p><u>Section VI</u></p> <p><u>3.Technical Specification</u></p> <p><u>2. Multi Para Monitor with IBP, ETCO2, CO, BIS Module & AGM with Slave Monitor</u></p> <p>17. Continuous Cardiac Output Module must be included</p>	<p>i) Requested to delete this point.</p> <p>ii) Requested to amend as, Cardiac Output Module must be included</p>	No change. Hence published specification prevails.
13	<p>Page No. 115</p> <p><u>Section VI</u></p> <p><u>3.Technical Specification</u></p> <p><u>2. Multi Para Monitor with IBP, ETCO2, CO, BIS Module & AGM with Slave Monitor</u></p> <p>Scope of supply must include : a). Basic Unit with ECG, Resp, SPO2, Dual Temp, NIBP, Three IBP, Inbuilt Battery - 1no. h) IBP Cable - 3nos. i). Disposable IBP Transducers - Snos.</p>	<p>Requested to amend as, Basic unit with ECG, Resp, SPO2, Dual Temp, NIBP, 2 x IBP, Inbuilt Battery - 1no. (h) IBP Cable - 2nos. (i) Disposable IBP Transducer - 2nos.</p>	No change. Hence published specification prevails.
14	<p>Page No. 117</p> <p><u>Section VI</u></p> <p><u>3.Technical Specification</u></p> <p><u>3. Multipara Monitor</u></p> <p>8. Should have Respiration includes Breath rate, breath waveform</p>	<p>Requested to amend, Should have Respiration includes Breath rate, breath waveform.</p>	No change. Hence published specification prevails.
15	<p>Page No. 118</p> <p><u>Section VI</u></p> <p><u>3.Technical Specification</u></p> <p><u>4. Multipara Monitor with IBP, ETCO2, AGM and BIS module</u></p> <p>k. Should have ST analysis, Arrhythmia detection, pacer spike detection, Drug Dose Calculation, titration table.</p>	<p>i) Requested to amend as, Should have ST analysis, Arrhythmia detection, pacer spike detection, Drug Dose Calculation, Hemodynamic calculations & Oxygenation Calculations.</p> <p>ii) Requested to amend as, ST analysis, Arrhythmia</p>	No change. Hence published specification prevails.

Sl. No	Tender Reference	Amendment Requested	Clarification issued
		detection, pacemaker detection, Drug Dose Calculation is available.	
16	Page No. 118 Section VI 3. Technical Specification 4. Multipara Monitor with IBP, ETCO2, AGM and BIS module l. Should have integrated 15" or above TFT colour touch screen display (resolution min 1024 * 768) with minimum 10 channels of waveforms.	Requested to amend as, Should have integrated 19" or above TFT colour touch screen display (resolution min 1280 * 768) with minimum 10 channels of Waveforms.	No change. Hence published specification prevails.
17	Page No. 118 Section VI 3. Technical Specification 4. Multipara Monitor with IBP, ETCO2, AGM and BIS module p. Monitor access should be with Touch screen, rotary knob and fast access key for quick function	Requested to amend as, Monitor access should be with Touch screen, Mouse/Rotatory Knob and fast access key for quick function. ii) Requested to amend as, Monitor access should be with Touch screen/ rotary knob and fast access key for quick function.	No change. Hence published specification prevails.
18	Page No. 118 Section VI 3. Technical Specification 4. Multipara Monitor with IBP, ETCO2, AGM and BIS module A. Should have following parameters:- 1. ECG Waveform Freeze option with review of 120 sec	Requested to amend as, Waveform Freeze option with review.	No Change. Hence Published specification prevails.
19	Page No. 118 Section VI 3. Technical Specification	Requested to amend as, IBP - Should display dual IBPs Simultaneously.	No Change. Hence Published specification prevails.

Sl. No	Tender Reference	Amendment Requested	Clarification issued
	<p><u>4. Multipara Monitor with IBP, ETCO2, AGM and BIS module</u> A.Should have following parameters:- 6. IBP Should display three IBPs Simultaneously.</p>		
20	<p>Page No. 121 <u>Section VI</u> <u>3.Technical Specification</u> <u>5. Multipara Monitor with IBP, ETCO2 and AGM</u> 9. Monitor access should be with Touch Screen, rotary knob and fast access key for quick function.</p>	Requested to amend as, Monitor access should be with Touch screen/ rotary knob and fast access key for quick function	No change. Hence Published specification prevails.
21	<p>Page No. 121 <u>Section VI</u> <u>3.Technical Specification</u> <u>5. Multipara Monitor with IBP, ETCO2 and AGM</u> 15. Monitor should have a USB port for software upgrade.</p>	Requested to add, monitor should get connected to external Laser printer directly without any computer interface.	No Change. Hence published specification prevails.
22	<p>Page No. 121 <u>Section VI</u> <u>3.Technical Specification</u> <u>5. Multipara Monitor with IBP, ETCO2 and AGM</u> A.Should have following parameters:- 6. IBP Should display three IBPs Simultaneously.</p>	Requested to amend as, IBP - Should display dual IBPs Simultaneously.	No Change. Hence published specification prevails.

All other terms and conditions of the tender remain unaltered.

The above forms part of the bidding documents. The bidder shall upload the copy of this corrigendum duly signed by their authorized signatory, along with their bid.

Sd/-
General Manger (E)