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**Bihar Medical Services & Infrastructure Corp Ltd.**  
(A Govt. of Bihar undertaking)

### Corrigendum-2

Bihar Medical Services and Infrastructure Corporation Limited (BMSICL) had invited E-Bids from the interested parties for Tender for the supply of Medical Equipment for different Govt. Medical Colleges and Hospitals of Bihar vide Notice Inviting Tender No.-BMSICL/2016-17/ME-052. Detailed tender document containing eligibility criteria, selection mechanism, other terms and conditions are available on the website [www.eprocbihar.gov.in](http://www.eprocbihar.gov.in) and [www.bmsicl.gov.in](http://www.bmsicl.gov.in). In order to facilitate the downloading of amendments as per Pre-bid meeting held on 21/02/2017, the tender schedule is being revised as follows:-

Tender Reference No.	BMSICL/2016-17/ME-052
Date and time for downloading of bid document	up to 8 <sup>th</sup> April 2017 till 15:00 Hrs.
Last date and time of submission of online bids	19 <sup>th</sup> April 2017 upto 17:00 Hrs.
Last date and time for submission of original documents of EMD and Document Fee	21 <sup>st</sup> April 2017 until 14:00 Hrs.
Date, Time and Place of opening of Technical Bid	21 <sup>st</sup> April 2017 (at 15:00 Hrs.) on the website of <a href="http://www.eproc.bihar.gov.in">www.eproc.bihar.gov.in</a> in the office of BMSICL
Date and time of opening of financial Bids	To be announced later on <a href="http://www.eproc.bihar.gov.in">www.eproc.bihar.gov.in</a>

**Note:-** Please refer to Annexure- I, II and III (pages: 1 – 15) of this corrigendum before submission of bids

Sd/-  
GM (Procurement)  
BMSICL

**Annexure-I**

<b>Name of Equipment:- EMG Machine</b>		
<b>Sl. No.</b>	<b>Technical Specification Before Amendment</b>	<b>Technical Specification After Amendment</b>
1	Should be a PC based system. Should have adaptor box with dedicated keyboard on it or if possible all controls shall be on the amplifier box.	Should be a PC Based System
7	It shall have volume control ON/OFF switch on the amplifier box.	It shall have volume control ON/OFF switch on the main unit
8	Adaptor box shall have provision for grounding.	Main unit shall have provision for grounding
9	It shall have inbuilt speaker for EMG.	It shall have speaker for EMG
10	It shall have provision to switch ON/OFF and save the waveforms from the shock handle only.	It shall have provision to switch ON/OFF and save the waveforms from the shock handle/ foot switch
15	It shall have inbuilt battery backup for at least 30 minutes or more.	It shall have inbuilt battery backup for at least 30 minutes / UPS
16(i)	Noise : 3pV peak to peak (10Hz to 10 khz)	Noise : less than 3pV peak to peak (10Hz to 10 khz)
16(j)	A/D Converter : 14 bit analog-digital conversion.	A/D Converter : 14 bit / 16 bit analog-digital conversion.
16 (K)	Averager : Number of averages per channel 2 to 10,000	Averager : Number of averages per channel 2 to 9999 or more.

**Name of Equipment:- EEG MACHINE**

<b>Sl. No.</b>	<b>Technical Specification Before Amendment</b>	<b>Technical Specification After Amendment</b>
2	Frequency response should be 0.05 Hz to 70 Hz.	Frequency response should be 0.05 Hz to 70 Hz. Or more
		Sl. No- 21- Certification- should be European CE/USFDA/BIS

**Name of Equipment :- Semi-Automated Biochemistry Analyzer**

<b>Sl. No.</b>	<b>Technical Specification Before Amendment</b>	<b>Technical Specification After Amendment</b>
8	3 levels control with day to day Levey Jennings chart stored and displayed.	2 to 3 levels control with day to day Levey Jennings chart stored and displayed.
11	Flow cell volume should be less than 20 µl.	Flow cell volume should be 20 µl to 32 µl
14	Analyzer must store 1000 results.	Analyzer must store 100 to 1000 results.
		Sl. No- 15. certification- USFDA/CE/BIS

### Name of Equipment- Audiometer

SI	Technical Specification Before Specification	Technical Specification After Specification
9	Frequency Range:- Bone Conduction 250-80000 Hz	Bone Conduction 250-8000 Hz
		Sl. no-10 certification:- European CE/USFDA/ BIS

### Name of Equipment- Photography unit

SI	Technical Specification Before Specification	Technical Specification After Specification
	Name of Equipment - Photography unit	Phototherapy Unit
1	Phototherapy Chamber of 18 UVA and 18 NBUVB tubes	Phototherapy Chamber of 18 UVA and 18 NBUVB tubes/ LED Technology

### Name of Equipment- Automated Blood Culture System

SI	Technical Specification Before Specification	Technical Specification After Specification
3	The instrument should have vial sensor for actual growth which should blink to observe or on mobile phone	The instrument should have vial sensor for actual growth which should blink to observe or on mobile phone/ Computer interfacing

### Name of Equipment:-Radiofrequency Caутery

SI	Specification Before Amendment	Specification After Amendment
13	Should have CE certification.	CE & USFDA Approved

### Name of Equipment:- T- piece Device

SI	Technical Specification Before Specification	Technical Specification After Specification
1	Easy to use	Should be a portable, light weight, manually operated and a gas powered unit. Should be a stand-alone resuscitator
2	The experience, training, concentration and fatigue level of the operator do not affect the pressures delivered.	Should be easy to use such that the experience, training, concentration and fatigue level of the operator do not affect the pressures delivered to the patient.
4	Theneopuff can accept and deliver oxygen concentrations from 21 % to 100 % coming from a flowmeter or a blender.	Should be possible to deliver oxygen concentrations from 21% -100% and Should be supplied with an Air/O2 mixer / blender along with a trolley with atleast 75 mm castors for easy transport.
5	The T- piece circuit can connect to infant resuscitation masks or endotracheal tubes.	Should be possible to connect the T- piece circuit to the infant resuscitation masks or endotracheal tubes.
	Accurate pressure delivery	
7	The fast acting manometer provides constant reassurance of mask seal and delivered PIP and PEEP.	Should be possible to connect the T- piece circuit to the infant resuscitation masks or endotracheal tubes
8	Alternate temporary respiratory support	Should be able to provide an alternate temporary respiratory support; Should be possible to deliver consistent PEEP to assist with breathing during transport or ventilator circuit change.
	10.Manometer range -10 to 80 cm H2O (mbar)	The pressure manometer / gauge should have Pressure Range from 10 to 80 cm H2O
16	Storage temperature range -10 to 50 C (, upto 95 % humidity	storage temperature range 0 to 50 degree C , upto 95 % humidity
17	Operating temperature range -18 to 50 C (-.4 to + 122 F), upto 95% of humidity	Operating Temperature Range: 18 to 40 degree C, upto 95% of humidity.

