Subject: Corrigendum - e-bid for the finalization of Annual Rate Contract for the procurement of Machinery & Equipment uploaded vide No. JKMSCL/Machinery/2015/312 dated 12.12.2015.

In continuation to e-bid uploaded for the finalization of Annual Rate Contract for the procurement of ñMachinery & Equipmentò vide No. JKMSCL/Machinery/2015/106 dated 23.12.2015 & pre-bid meeting held thereof on 01.12.2015 & 02.12.2015, following amendments in light of recommendations/suggestions made by the various vendors/firms/bidders are hereby made as under : -

S. No.	Item No.	Name of the item	Point No.	Specifications in tender document	Amendments : Please read the specification column (4) amended as : -
	1	2	3	4	5
1	MC0001	Suction System	3.1	Dimensions (metric) Max: 43 x 30 x 68 cms	**Dimensions (metric) Max: 43 x 30 x 68 cms /370x277x146 mm.**
			3.4	Heat dissipation : Should maintain upto 36.5 deg temp and the heat disbursed through a exhaust fan.	Heat dissipation: Should maintain upto 36.5 deg temp and the heat disbursed **through a cooling system**.
			7.1	FDA/CE	**USFDA/European CE**
2	MC0004	Foetal Doppler System	2.1	Should have facility for FHR data transfer to PC	**Deleted - be read as "NA"**
			2.4	Software and /or standard of communication (where ever required) : inbuilt	**Deleted - be read as "NA"**
			7.1	FDA or CE	**USFDA/European CE**
3	MC0006	Automated external defibrillator			Nomenclature Corrected : as **AED with defibrillator**
			2.1	Should be able to deliver shock from 50-200 joules in biphasic mode via metal chest pads	Should be able to deliver shock from **02-200 joules or more** in biphasic mode via metal chest pads
			2.3	User's interface :The monitor should have a TFT color display with a three channel display	User's interface :The monitor should have a **TFT/LCD color display** with a three channel display
			2.4	Software and/or standard of communication(where ever required) : Inbuilt	**Deleted - be read as "NA"**
			5.2	Consumables / reagents (open, closed system) : ECG cable; Recording paper rolls; Disposable pads;	Consumables: ECG cable; Recording paper rolls; Disposable pads for 100 patients **The term "reagent" be read as deleted**
			7	Certifications FDA, CE ; IEC-60601-1-2:2007; IEC 60601-1-8-2006; IEC 60601-1-SER-Ed 1.0-2011; IEC/TRF 60601-1-8 Ed4.0-2010; ISO 13485.	Certifications **USFDA/ European CE** ; IEC-60601-1-2:2007; IEC 60601-1-8-2006; IEC 60601-1-SER-Ed 1.0-2011; IEC/TRF 60601-1-8 Ed4.0-2010; ISO 13485.
4	MC0007	Patient Monitor	2.1	Optional item to be quoted : invasive blood pressure-monitoring module complete with reusable	**Deleted - be read as "NA"**

				transducer.	
			2.1	ECG cable ï 12 lead	**ECG Lead 05 leads**, however 12 leads are also accepted if quoted with same price.
			3.5	Heat dissipation Heat Dissipation: Should maintain nominal Temp and the heat should be disbursed through a exhaust fan	Heat dissipation Heat Dissipation: Should maintain nominal Temp and the heat should be disbursed **through a cooling system**
			5.1	Accessories & Spares : 2 pairs, 12 lead ECG cable	Accessories & Spares : 2 pairs, 5 or 12 lead ECG cable (as per the monitor quoted by the company)
			5.2	Consumables / reagents (open, closed system).	Please read ñRates quoted in BOQ shall be inclusive of consumablesò. **The term "reagent" be read as deleted.**
5	MC0008	Syringe Pump	2.2	Settings : Double loadable with one syringe of minimum 20ml	Settings : **Single loadable** with one syringe of minimum 10- 50ml
			3.1	Dimensions (metric) : Max spec: 120 x 100 x 40mm.	**Dimensions (metric) : should not be more than 350x150x120 mm (± 10% accepted).**
			3.2	Weight (lbs, kg) < 500 gm	**Weight (lbs, kg) < 3 kg**
			4.2	Battery operated Internal rechargeable battery having at least 5 hours backup for 10ml/hr flow rate with 50ml syringe	Battery operated Internal rechargeable battery having **at least 04 hours** backup for 10ml/hr flow rate with **50ml syringe**
			7.1	FDA/CE	**USFDA/European CE**
6	MC0009	Automated 3 part Differential Haematology Analyzer	2.1	Bar code reader & external option	Bar code reader & **internal/external** option
7	MC0010	Automated 5 part Differential Haematology Analyzer	2.1	Pre-diluent mode and whole blood mode.	**Pre-diluent mode and whole blood mode – optional**
8	MC0013	Semi Automated Bio-Chemistry Analyzer	2.1	Flow cell volume should be less than 20 ul	Flow cell volume should be **below 40 ul**
9	MC0016	300 mA X-ray machine	4.5	Power consumption 25 to 30 KW	**Power consumption 25 to 35 KW**
			5.1	Accessories (mandatory, standard, optional); Spare parts (main ones); Consumables/reagents (open, closed system) Machine should be supplied with following transducers:	Accessories : BARC Approved whole body lead aprons with hangers : 02 nos. Goggles : 02 nos. Thyroid guard : 02 nos. Gonadal sheet : 02 nos. Mastoid cone : 02 nos

				2 No. BARC Approved whole body lead apporns with all attachements.	
				Should be FDA/CE/BIS approved product	**Should be USFDA/European CE/BIS approved product**
10	MC0017	Colour Doppler Machine	2.1	System should have 19ò HD display with tilt and swivel Facility along with alphanumeric keyboard with illuminating keys and status function.	System should have **17" or more HD display** with tilt and swivel Facility along with alphanumeric keyboard with illuminating keys and status function.
			2.3	Software and/or standard of communication (where ever required	**Deleted - be read as "NA"**
11	MC0018	Ultrasound System	2.1	Integrated high resolution Monitor (17ò).	Integrated high resolution **Monitor (15") or more.**
			3.1	Dimensions (metric) Max: 400mm (L) x 300mm (W) 160mm (H)	**Deleted - be read as "NA"**
			3.2	Weight (lbs, kg) Max:17 lbs	**Deleted - be read as "NA"**
			2.1	Integrated high resolution Monitor(17ò).	Integrated high resolution **Monitor(15" or more).**
			2.1 (xi)	Frame rate minimum 50 FPS, hard disk capacity of 200GB or more	Frame rate **150 FPS** or more, hard disk capacity of 200GB or more
12	MC0019	500 mA machine	4.1	Power Requirements : Power supply: 230V, AC, 50Hz. 15 Amps ,three phase, Line resistance < 0.4 ohms	**Power Requirements Power supply: Three phase 440 volts**
			5.1	Accessories (mandatory, standard, optional); Spare parts (main ones); Consumables/reagents (open, closed system) Machine should be supplied with following transducers: 2 No. BARC Approved whole body lead aprons with all attachments. One Pair of 8 meter H. V. Cable.	Accessories : BARC Approved whole body lead aprons with hangers : 02 nos. Goggles : 02 nos. Thyroid guard : 02 nos. Gonadal sheet : 02 nos. Mastoid cone : 02 nos
				Should be FDA/CE/BIS approved product	**Should be USFDA/European CE/BIS approved product**
13	MC0020 C-Arm System		2.1	CCD Camera with a progressive scan sensor of 2/3ò of 1K x1K Medical Grade	CCD Camera with a progressive scan sensor of 1K x1K Medical Grade **2/3" be read as "Deleted"**
			5.1	Accessories (mandatory, standard, optional); Spare parts (main ones); Consumables/reagents (open, closed system)	Accessories : BARC Approved whole body lead aprons with hangers : 02 nos. Goggles : 02 nos. Thyroid guard : 02 nos.

				Machine should be supplied with following transducers: 2 No. BARC Approved whole body lead apporns with all attachements. One Pair of 8 meter H. V. Cable.	Gonadal sheet : 02 nos. Mastoid cone : 02 nos
				Should be FDA/CE/BIS approved product	**Should be USFDA/European CE/BIS approved product**
14	MC0021	CR System	2.1	Standard work station (Console) coupled with CR image storage capacity ï at least 2000 images specify the numbers. It should have a resolution of 5 pixels/mm (Minimum) for standard resolution cassette & up to 20 pixels/mm or more.	Standard work station (Console) coupled with CR image storage capacity ï at least 2000 images specify the numbers. It should have a resolution of 5 pixels/mm (Minimum) for standard resolution cassette & **up to 10 pixels/mm or more.**
			2.1	Digitizer (CR) system should have capacity to process more than 70 or more cassette/films per hour of 14 X 17ò size	Digitizer (CR) system should have capacity to process **more than 60** or more cassette/films per hour of 14 X 17ò size
				Laser camera with at-least three film size on line 14òX 17ò, 11òX 14ò/ 10ò X14ò, 10ò X 12ò, & 8ò X 10ò.	**Laser/Dry Image camera** with at-least two film size on line 14òX 17ò, 11òX 14ò/ 10ò X14ò, 10ò X 12ò, & 8ò X 10ò.
				Online film size : at least three film size	Online film size : **At least two film size or more.**
			5.1	Accessories : Please provide cassette for CR with PSP Plate (IP) 14ò X 17ò -2 No. 11ò X 14ò / 10òX14ò-2 No. 10òX12ò-2 No.	Accessories : Please provide cassette for CR 14ò X 17ò -2 No. 11ò X 14ò/ 10òX14ò-2 No. 10òx12ò ï 2 no. 08òX10ò-2 No. **The term with PSP Plate (IP) be read as – "Deleted"**
			7	Shall meet internationally recognised standard for Electromagnetic Compatibility (EMI/EMC) for electromedical equipment: 61326-1. Certified to be compliant with IEC 61010-1-3,IEC 61010-1-2,IEC 61010-2-54,IEC 61010-1-6 and IEC 62304	**Deleted - be read as "NA"**
				Should be FDA/CE/BIS approved product	**Should be USFDA/European CE/BIS approved product**
15	MC0022	Digital Radiography	2.1	Image stitching software should be provided for long limb imaging. At least 4 images should be stitched together.	Image stitching software should be provided for long limb imaging. **At least 03 images** should be stitched together.

			4.1	Power Requirements Power supply: 230V, AC, 50Hz. 15 Amps ,three phase, Line resistance < 0.4 ohms.	**Power Requirements Power supply:** **Three phase 440 V AC.**
			5.1	Accessories (mandatory, standard, optional); Spare parts (main ones);Consumables/reagents (open, closed system) Machine should be supplied with following transducers: 2 No. BARC Approved whole body lead apporns with all attachements. One Pair of 8 meter H. V. Cable.	Accessories : BARC Approved whole body lead aprons with hangers : 02 nos. Goggles : 02 nos. Thyroid guard : 02 nos. Gonadal sheet : 02 nos. Mastoid cone : 02 nos
			7	Should be FDA/CE/BIS approved product	**Should be USFDA/European CE/BIS approved product**
					Specification of camera to be supplied alongwith Digital Radiography be read as - Laser/Dry Image camera with at-least two film size on line 14òX 17ò, 11òX 14ò/ 10ò X14ò, 10ò X 12ò & 8ò X 10ò. Specification for Laser/Dry image Camera ➢ Mention Spatial resolution higher level preferable minimum 500 DPI/PPI. ➢ Mention Gray Scale resolution : more than 12 bits preferable. ➢ Mention Processing capacity/hour for (14ò X 17ò) films, It should be more than 70 films /Hour. ➢ Acceptable film size: 14òX 17ò, 11òX 14ò/ 10ò X 14ò, 10ò X 12ò, & 8ò X 10ò. ➢ Online film size : at least two film size. ➢ DICOM compatible. ➢ CR workstation should have following feature. ➢ Multiple image printing with multiple format. ➢ Measurement of image, insert scale. ➢ Preloaded annotation. ➢ DICOM CD writing & reading. ➢ Image inverse, image flipping, image magnification, zooming. ➢ Reporting format.

					➢ Image preview. ➢ Image cropping. ➢ Printing multiple patient on one film. ➢ CD writing for multiple patient on one CD. ➢ Should have a hard disk of 80 GB or more for storing image.
16	MC0023	Mobile X-ray	2.1	Rad mA: 150mA or more	**Rad mA: 100mA**
			5.1	Accessories (mandatory, standard, optional); Spare parts (main ones); Consumables/reagents (open, closed system) Machine should be supplied with following transducers: 2 No. BARC Approved whole body lead aprons with all attachments. One Pair of 8 meter H. V. Cable.	Accessories : BARC Approved whole body lead aprons with hangers : 02 nos. Goggles : 02 nos. Thyroid guard : 02 nos. Gonadal sheet : 02 nos. Mastoid cone : 02 nos
				Should be FDA/CE/BIS approved product	**Should be USFDA/European CE/BIS approved product**
17	MC0024	Mammography	2.1	Power of generator should be more than 5KW Maximum mA output should be more than 190mA	Power of generator **should be 3.5 KW or more**. Maximum mA output should be **150 mA or more**
			5.1	Accessories (mandatory, standard, optional); Spare parts (mainones); Consumables/reagents (open, closed system) Machine should be supplied with following transducers: 2 No. BARC Approved whole body lead apporns with all attachments. One Pair of 8 meter H. V. Cable.	Accessories : BARC Approved whole body lead aprons with hangers : 02 nos. Goggles : 02 nos. Thyroid guard : 02 nos. Gonadal sheet : 02 nos. Mastoid cone : 02 nos
18	MC0028	Operation table Orthopedics	2.1	Should have imported Y type sealing ring with good sealing performance and durability	Should have imported **Y/round type sealing ring** with good sealing performance and durability
			2.1	Back board folding upward Ó45ę Fold downward Ó90°	Back board folding upward Ó45ę Fold **downward ≥10°**
			3.2	Weight (lbs, kg) Max: 150 Kg (excluding battery)	**Weight (lbs, kg) Max: 250 Kg (excluding battery)**
			3.5	Heat dissipation Heat Dissipation: Should	**Deleted - be read as "NA"**

				maintain nominal Temp and the heat should be disbursed through an cooling mechanism	
19	MC0029	Electrosurgical Unit	2.1	Bipolar Coagulation power adjustable from 0-50 W, Micro Power Range- 0.1 to 9.9 Watt increment of 0.1 Watt	Bipolar Coagulation power adjustable from 0-50 W, Micro Power Range- 0.1 to 9.9 Watt **irregular increment** of 0.1 Watt
20	MC0030	Operation table hydraulic motor	2.1	Table-top should be radio-lucent	**Deleted - be read as "NA"**
			4.1, 4.2	Power Requirements Recharging unit: Input voltage - 220V-240V AC,50 Hz Battery operated Yes	**Deleted - be read as "NA"**
			4.4	Protection Should have over-charging cut-off with visual symbol	**Deleted - be read as "NA"**
			8.1	Availability of 5 amp socket	**Deleted - be read as "NA"**
21	MC0031	Shadow less lamp ceiling type	2.1	Intensity, brightness, contrast and power switch to be made available on handle/wall-check.	Intensity, brightness, contrast and power switch to be made available on **handle/wall-check/lamp head**.
22	MC0035	Electro hydraulic table	2.1	Should be manually controlled operating table, working range from floor level:700 -1000 or more ±10%	**Should be remote controlled with manual over ride**. Working range from floor level:700 -1000 or more ±10%.
			2.1	Height should be adjustable by oil pump, foot step control	Electro hydraulic table : height should be remote control operated instead of manual.
			2.1	Table top can be rotated 360° through base	**Deleted - be read as "NA"**
			2.1	Should have reinforced five section stainless steel top	Should have reinforced five section **Radiolucent top** instead of stainless steel top.
			3.5	Heat dissipation Heat Dissipation: Should maintain nominal Temp and the heat should be disbursed through an cooling mechanism	**Deleted - be read as "NA"**
23	MC0036	Operation table hydraulic minor	4.2	Battery operated : Yes	**"Manual operated" instead of battery operated**
24	MC0037	Shadow less lamp	2.1	Intensity, brightness, contrast and power switch to be made available on handle/wall-check.	Intensity, brightness, contrast and power switch to be made available on **handle/wall-check/lamp head**.
			2.1	360° rotation for both arms.	360° rotation for **single arm.**
25	MC0038	Shadowless	2.1	Dome Head :515mm Di	Dome Head : **515mm Di ± 10%**

		lamp standing model			
			2.1	LED lights-2 nos	**LED lights multiple instead of 02.**
			2.1	Action Radius :1250 mm	**Deleted - be read as "NA"**
			7.1	Should be FDA/CE approved product; Manufacturer/supplier should have ISO 13485 certificate for quality standard. Electrical safety conforms to standards for electrical safety IEC-60601-1.	Should be **USFDA/European CE** approved product; Manufacturer/supplier should have ISO 13485 certificate for quality standard. Electrical safety conforms to standards for electrical safety IEC-60601-1.
26	MC0041	Multichannel ECG			**Nomenclature : Multichannel ECG Monitor**
27	MC0045	Intensive care ventilator (Neonatal & Paediatrics)			Including Humidifier
			7.1	FDA(US)/CE	**USFDA/European CE**
28.	MC0046	Transport pneumatic high frequency	2.1	Mountable transport ventilator (Neonate/paediatric)	**Specifications of the Transport Ventilator item code be read as : -** 1. Modes of ventilation: a) Volume controlled b) Pressure controlled c) Pressure support d) Synchronized intermittent mandatory ventilation (SIMV) e) Assist/ control mode f) PEEP. 2. Alarms required: FiO2, minute volume, pressure, PEEP, apnoea, occlusion, high respiration rate, disconnection. 3. System alarms required: power failure, gas disconnection, low battery, vent inoperative, self-diagnostics. 4. If alarm silencing feature is incorporated, it must be temporary and clearly displayed when activated. 5. Air and externally supplied oxygen mixture ratios fully controllable. 6. Inlet gas supply (O2) pressure range at least 35 to 65 psi. 7. Medical air compressor integral to unit, with inlet filter.
			2.1	Pressure controlled - Pressure upto 15mmHg.	
			2.1	Oxygen cylinder and connectors is compatible	
			7	FDA(US)/CE(EU) and BIS/ISO 13485:2003	

					8. Visual and audible alarms Accessories and tubing should be supplied for adult & pediatric size requirements. **Settings** • The following variables should be controllable by the operator: a) Tidal volume up to 50-2000 ml. b) Pressure (inspiratory) up to 80 cm H2O. c) Flow (inspiratory) up to 120 l/min. d) Respiratory rate: up to 60 breaths per minute. e) SIMV Respiratory Rate: up to 40 breaths per minute. f) PEEP up to 20 cm H2O or more. g) Pressure support up to 45 cm H2O. h) FiO2 between 40 to 100 %. Inspiratory and expiratory times up to at least 2 sec and 8 sec respectively. **User's interface :** Manual and Automatic. **Software and/ or standard of communication (where ever required**) : Inbuilt **Weight (lbs, kg)** : <5kgs **Noise (in dbA), heat dissipation** : <60dB; Alarm > 65dB **Mobility, portability** : yes **Power Requirements** : 220 to 240V, 50 Hz. **Battery operated** : With at least 6 hours battery backup Tolerance (to variations, shutdowns) : ± 10% of input. **Protection** : OVP, earth leakage protection. **Power consumption** : <140Watt Other energy supplies : Battery driven **Accessories & Spares** : Full face mask, breathing circuit, carry bag, filters **Certifications** : USFDA/European CE IEC-60601-1-2:2007; IEC 60601-1-8-

					2006; IEC 60601-1-SER-Ed 1.0-2011; IEC/TRF 60601-1-8 Ed4.0-2010; ISO 13485; ISO 15001-2010 (Anesthetic & respiratory equipment-compatibility with oxygen).
29	MC0047	Ventilator (all patient category)			Including Humidifier
			2 (vi)	3 loops ï P-V, F-V, P-F with facility of saving of loops for reference	**02 loops** ï P-V, F-V, P-F with facility of saving of loops for reference
			2(vii i)	Status indicator for ventilator mode, battery life, patient data, alarm settings, clock etc. Simultaneously display of set and exhaled parameter, 3 wave form and 2 loops and alarm.	Status indicator for ventilator mode, battery life, patient data, alarm settings, clock etc. Simultaneously display of set and exhaled parameter, 3 wave form and **one loops** and alarm.
			3 (i)	Mean stream EtC02 sensor ï 01 no. Reusable Adult/Paed, Neonatal adaptor ï each 1	**Mainstream** EtC02 sensor ï 01 no. Reusable Adult/Paed, Neonatal adaptor ï each 1
30	MC0051	Oxygenators	2.1	Unit capable for supplying oxygen to two outlets simultaneously using two independent flow meters	Unit capable for supplying oxygen to **Single outlets** using two independent flow meters
			2.3	User's interface Front panel access to reset switch	**Deleted - be read as "NA"**
			3.1	Dimensions (metric) Max spec: 640 mm (H) x 410 mm (W) x 410 mm (D).	**±15% deviation allowed in dimensions**
			3.2	Weight (lbs, kg) Max 30 kg	**±15% deviation allowed in weight**
31	MC0055	Pulse Oximeter	2.1	TFT screen	**TFT/LCD Screen**
			7.1	Should be FDA/CE approved product ISO 80601-2-61-2011: Medical Electrical equipment- part 2-61: Particular requirements for the basic safety and essential performance of pulse oxymeter.	Should be **USFDA/European CE** approved product ISO 80601-2-61-2011: Medical Electrical equipment- part 2-61: Particular requirements for the basic safety and essential performance of pulse oximeter.
32	MC0058	EEG Machine	2.1	Should be a 32 Channel digital EEG Machine, where 24 Channels for acquisition and storage, 5 Polygraph Channels and 3 DC Channels	Should be a 32 Channel digital EEG Machine, where **32 Channels** for acquisition and storage, **8 Polygraph/DC Channels.**

34	MC0073	Single Puncture Laproscope		**Carbon Dioxide insufflators** : The unit should be complied with IEC safety standards. The unit should be ISI/CE marked.	Carbon Dioxide insufflators : The unit should be complied with IEC safety standards. The unit should be USFDA/European CE
				Cold Light Source Cold light sources with dual control having 02 halogen lamps of minimum 175 watts. Facility to automatically switching on spare lamp in case of failure of one lamp without any delay 24 V rating each operatable on 220-240 V and 50 Hz supply with suitable transformer. Rechargeable battery backup light source compatible with SP laproscope is also to be provided	**LED Light source** giving illumination equivalent to or not less than 175 watts of halogen lamp.
				USFDA/CE	**USFDA/European CE**
35	MC0079	Double Beam UV-Visible Spectrophoto-meter	II	Photometric range: Absorbance: -4 to +4.0 Abs, Transmittance 0.0 to 400%.	**Photometric range: > 3.5 A**
			IV	Wavelength Range: 190 to 1000 nm or better	**Wavelength Range: 190 to 1100 nm or better**
			VII	Scanning speed: Selectable up to 3000 nm/min. or better	**Scanning speed: Selectable up to 6000 nm/min. or better**
36	MC0084	UV-VIS Spectrophoto -meters	III	Wide dynamic photometric range with ultra low stray light.	**Range : 180 to 1100 nm**
			IV	Measurement reliability with low baseline drift and photometric noise	**Photometric range : > 3.5 A** **Noise : < 0.00015A**
			V	High Signal-to-Noise ratio due to improved baseline flatness over entire range	**Stray light : > 2 Abs @ 198KCL**
			VII	Flexible and user friendly operation in stand-alone mode or through windows based UV-Probe™ software as standard	**Fully software control PC based system**
				Built in validation programme, diagnostic and security functions. Standard operating modes includes Spectrum.	**Window 7 or 8 required.** **Additions : accuracy ± 0.8 nm (full range 190 to 1100 nm) ± 0.5 nm (546.11 nm mercury line)** **Scanning speed : <1 to 5000 nm/min, variable** **Data Intervals : 10, 5,2,1.0, 0.5, 0.2, 0.1 nm** **System should be upgradable for**

					accessories like multi cuvettee holder, peltier accessory, Diffuse reflectance and solid sample holder in future. **Quartz Cell – 10 nm -3 ml capacity – 1 pair** **Installation accessories like branded PC, printer and 2 KVA UPS.**
37	MC0085	FTIR Spectrophoto-meter		IRPrestige-21 fully complies to all the requirements of FDA 21 CFR Part 11 including electronic signatures.	**Fully complies to all the requirements of FDA 21 CFR Part 11 including electronic signatures.** **The term IRPrestige-21be read as "deleted"**
				New high sensitivity DLATGS detector	**High sensitivity DLATGS/DTGS detector**
				Maximum resolution of 0.5 cm^{-1}	**Maximum resolution of 0.10 cm^{-1}**
				Shlmadzuôs patented Flexible Joint Support (FJS) moving mirror mechanism for smooth distortion free motion and high quality IR spectra	**Flexible Joint Support (FJS) moving mirror mechanism for smooth distortion free motion and high quality IR spectra.** **The term Shlmadzu's patented be read as deleted.**
				Optionally upgradable to Near-IR (12,500 cm^{-1} to 3,800 cm^{-1}) and Far-IR (5,000 cm^{-1} to 240 cm^{-1}) with user replaceable and automatically aligned beam splitters.	**Range 7800 cm^{-1} to 350 cm^{-1} and can be upgradable for NIR range 27000 cm^{-1}) and FAR IT range (50 cm^{-1})**
				New advanced 32-bit ñIR Solutionò software working in Windows 2000 environment for complete instrument control and advance data processing including quantitation, multi-component analysis, purity measurement, film thickness measurement, spectral search, etc.	Software should compatible with windows 7 or 8. Software for quantitative and qualitative analysis, spectral match, curve fitting, normalization, peak area, peak height calculations should be there as a default feature.
				Standard validation program that complies to European/Japanese Pharmacopoeia and ASIM-1421	Instrument should have feature of polystyrene film standardization inbuilt inside the system for instruments self calibration and diagnostics.
				Compatibility to a wide range of optional accessories like Diffused Reflectance, Horizontal	Broad range of accessories like monolithic diamond ATR solid as well as liquid samples with five years warranty on crystal to be

				Attenuated Total Reflectance etc	offered in optional.
					Additions : Suitable branded and compatible PC + Printer, hydraulic press, Agate Mortar, Die set, pallet holder, KBr powder and 2 KVA UPS are to be offered.
	Terms & Conditions **(Important for all bidders/manufacturers/ importers/firms/authorised dealers)**				
1				Regarding Annual turn-over for last three years	The certificate for the last three financial years issued from **Central Excise Department is also accepted**
2				Annual Turnover for the tendered items	**Please read "Average Annual Turn" over for the last three financial years as Rs. 20.00 crores as mentioned in Table 1- Note 1. (2) instead of Annual Turnover mentioned in Table 1 Note 1 (3 & 4).**
3	Annexure VI it is mentioned that firm should have supplied atlleast 10% of the indicative quantity specified in the notice inviting bid in last three financial year				Market standing for the last three financial years shall have to be submitted alongwith technical bid duly issued by the competent authority.
4	As per WEB page the EMD in favour of JKMSCL payable at Jammu/Srinagr. But in tender EMD in favour of CAO, JKMSCL				EMD in favour of CAO, JKMSCL
5	Wherever the certifications has been asked as CE				Please Read as **"European CE in place of CE"**

Managing Director
Jammu & Kashmir Medical Supplies Corporation Ltd.