

RAJASTHAN MEDICAL SERVICES CORPORATION LTD.

D- Block, Swasthya Bhawan, Tilak Marg, C-Scheme JAIPUR (Raj)



Ph. No. 0141-2223887, Fax No. 0141-2228065

CIN: U24232RJ2011SGC035067

E-Mail -edepmrmsc-ri@nic.in

No. F-8() RMSC/EPM/M-1/17-18/NIB-253/ 2017/ 593-9

Dated: 19/12/17

CLARIFICATION/CORRIGENDUM/ADDENDUM

Subject: - Revised Bid Schedule of item (01)Laparoscope Set For Training With CO2 Insufflator, (02) Ultrasonic Cutting And Coagulating Device For Open & Laparoscopic Surgery and Amended Technical Specifications of Bid document of item Laparoscope Set For Training With CO2 Insufflator , under NIB F-8() RMSC/EPM/M-1/17-18/NIB-253/ 2017/ 3831 Dated: 12.09.17

In reference to subject cited above and NIB-253, the representations received from the various firms and issues raised by the Bidders, are examined by the competent Authorities and technical committee and approved by purchase committee. The following Clarification/Corrigendum/Addendum is issued for inclusion in Bid document Amended Technical Specification of items as below:-

1. Amended Technical Specifications of Items Laparoscope Set For Training With CO2 Insufflator as below:-

Camera:

1. It should be **3 chip full high definition digital camera** head and console with HD image production. **Resolution should be 1920 X 1080.**
2. **THE ASPECT RATION OF SENSOR SIZE AND VIDEO MONITOR SIZE SHOULD BE 16: 9 or 16:10**
3. Should be fully compatible to the color systems PAL / NTSC.
4. Resolution & progressive scan technology both on camera head & console. Multiple settings allow the user to select the preferred level of image enhancement.
5. Should have optical / digital zoom to enhance the quality of image size.
6. Should have the **auto exposure system** for consistent illuminable level.
7. Integrated gain / shutter / enhancement with automatic brightness control.
8. Automatic white balance with memory functions for two settings.
9. The system should be Mean driven, thus allowing the surgeon to programme the camera head functions as per the surgical needs and requirement.
10. **Composite, S-VHS , RGB and 2 or 1 DVI , HD SDI output compatibility.**
11. The system should have facility of attaching additions video printer / recorder functions and other peripheral units.
12. Camera head fully **soakable** for disinfection..
13. **Universal power supply compatible with Indian Electrical System .**

LED LIGHT SOURCE:

- LED Light should produce White Light.
- Patient safety & added protection in OR with safe light
- Single port universal Jaw assemble to adopt technology of fiber optic cable.
- LED Light source should produce **luminance not less than 2000 Lumen and having LED lamp life of minimum 25000 hrs or more.**

FIBER OPTIC LIGHT CABLE

- Diameter size 4.0 to 5.5 mm, Length should be not less than 250 cm.

HIGH RESOLUTION MEDICAL GRADE VIDEO MONITOR:

- Hi definition, Maximum resolution, colored monitor, size 26 inch or more. Flat panel LED monitor , **Resolution should be 1920 x1080 . THE ASPECT RATION SHOULD BE 16:9 or 16:10.**
- Color system PAL / NTSC compatible
- S-VHS, RGB and DVI , HD SDI input and output compatibility.

CO2 Insufflator :

- CO2 electronic insufflator, having minimum flow rate of 20 L/M or more. .
- Unit should be easy to use clear, adjacent displays for set value and actual value allow easy monitoring of insufflation process touch keys for precise pre selection of set value optical and

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acoustic warning signals in the event of over inflation.

- High Pressure (HP) HOSE WITH CONNECTOR – 10 NO's WITH B TYPE REGULATOR.
- STAND FOR KEEPING B TYPE CO2 CYLINDER

Live Recording System – 1

- System to be compact, easy to deploy. Portable mobile design and allows portability to any OT.
- User – centric, simple-to-use and with preview screen interface.
- Open architecture to give the hospital the flexibility to support any endoscopic vendor.
- Inputs support: **DVI, S-Video, Composite, SD-SDI, HD-SDI & 3G-SDI.**
- Video Resolution support up to 1920 x 1080 p.
- HD – Video Bit rates upto 60 MBPS.
- Still capture format supports JPG, BMP, PNG, DICOM.
- The system to allow playback recorded videos on the preview screen.
- Auto archive facility for external USB Drives, also for network drives.
- Direct data transfer facility to devices such as USB cable/ **EXTERNAL DRIVE.**
- Internal HDD: Minimum 500 GB or more, expandable.

Instruments:

Laparoscope:

- 10 mm 30 degree 30 – 35 cm
- 05 -5.5 mm 0 degree 30 - 35 cm
It should have
- Scope should be compatible with HD camera.
- Wide angle full screen, forward – Oblique and lateral scope.
- Optimal centre – to – edge resolution for enhanced picture quality.
- Fiber optic light transmission incorporated.
- Standard ocular window for coupling the camera head.
- Scratch resistance sapphire quoted tip lens.
- Advanced Rod lens system for optimum brightness, contrast and definition.

Specification for Laparoscopic Hand Instruments and Accessories:

सभी Hand Instruments की दरें Instrument wise सभी Bidder , EMD, Form Fees Processing Fees जमा कराते समय पृथक सील्ड लिफाफे मे अनिवार्यत प्रस्तुत करेंगे।

(Bidder may quote same hand instruments mentioned below with own nomenclature without compromising functional utility of hand instruments & accessories)

Trocars & Reducers

- 120 mm Veress Needle
- 5 mm Aspiration Needle , 17 Gauge, 33 cm
- 5.5 mm Cannula Sleeve with Automatic Valve, Stop Cock (2 each)
- Trocar, Pyramid Tip, 5.5 mm (2each)
- 11 mm Cannula Sleeve with Automatic Valve, Stop Cock (2 each)
- Trocar, Pyramid Tip, 11 mm (2 each)
- 5 m Hand Instruments with Insulated Shaft, Modular Design, Inner shaft flush port, 3600 Rotation & Shaft Rotation Lock.
- Right Angled Dissector – 1
- Curved Kelly Dissector – 1
- Maryland Dissector –1
- Mixer Dissector – 1
- Alligator Grasper – 1
- Fundus Grasper – 1
- Cobra Tooth Grasper – 1
- Serrated, Fenestrated Grasper – 1
- Dorsey Grasper – 1

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- Single Action Atraumatic Grasper – 1
 - Paddle Babcock Grasper – 1
 - Allis Single Row Grasper – 1
 - Curved Metzenbaum Scissors – 1
 - 5 mm Needle holder with Handle -1
 - 5 mm straight needle holder with Y Handle – 1
 - 5 mm Curved Left needle holders with Y Handle - 1
 - 5 mm Curved Right Needle Holder with Y Handle – 1
 - Clip Applicator – 10 mm
 - Suction irrigation – 10 mm and 5 mm (each)
 - **REDUCER 11MM TO 5.5MM**
 - **L-HOOK DISSECTOR-5 MM**
 - **SPATULA-5 MM**
 - **PLASTIC/METAL TRAY FROM OEM FOR STORAGE AND STERILIZATION-2Nos**
 - All laparoscopic hand instruments should be of length 33 cm or more.
- Note:- Medical Grade USFDA / European CE approved products to be quoted.**

Endo Trolley:

- **IT SHOULD BE IMPORTED MEDICAL GRADE AND FROM SAME MANUFACTURER. IT SHOULD HAVE 4 SHELF AND 1 LOCKABLE DRAWER . with proper Wheel locking system .**
- It should have extendible arm for monitor mount it should have isolation transference should have extendible video arm to mount Medical grade LED monitor.
- Instrument trolley should have attachment of UPS system of around 30 minutes back up should be provided with the set.
- **Should be supplied with UPS of Suitable capacity as per demand of quoted items.**

• **Guarantee: Guarantee for 3 years from the date of installation.**

• **CMC: CMC will be given @ 2% (of net rate-inclusive of Taxes etc.) plus service tax (as applicable) The CMC will be awarded for five years (on yearly basis) after Guarantee period of three years.**

• **Laparoscopic set with attached instrumentation should we US FDA / European CE certification will be must.**

• **Product should have IEC safety standards wherever listed**

• **The core items of laparoscopy set like camera system, light sources, CO2 insulator, video monitor, all hand instruments, instrument trolley and Fiber optic light cable should be from same manufacturer for system compatibility for optimal performance of system as whole.**

• **Installation will be done by supplier free of cost.**

• **The service engineer should be based in Rajasthan.**

• **Demonstration of Equipment is must for final approval.**

• **The company should mention the make & model name/number of the quoted equipment and submit the technical brochure of the quoted model in the Technical bid along with compliance sheet as per technical specifications.**

• **Firm should mention all the pre-installation requirements in technical bid.**

2. Revised bid schedule:-

E-bids are invited as per following revised time schedule:-

Last date & time for sale of bid form	Last date & time of receipt of bid form	Date & time of opening of technical bid
04.01.18 01.00 PM	04.01.18 01.00 PM	04.01.18 03.30 PM

It is also clarified that information of award of contract shall be communicated to all participating bidders on the website www.rmhc.nic.in and sppp.raj.nic.in. Please note that individual bidder will not be intimated.”


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Note:-

Please note that all above amendments/corrigendum in technical specifications/bid conditions is the integral part of (Section-V, Schedule of Supply, and Point no. 3) and the bid document. This corrigendum/ addendum should be signed and annexed with bid document. All other terms & conditions remains the same.

This bears the approval of M.D., RMSCL, Jaipur.


19.12.2017
Executive Director (EPM)
RMSCL, Jaipur