

# NATIONAL INSTITUTE OF AYURVEDA, JAIPUR

(Deemed To Be University Under *de-novo* Category)

(Ministry of AYUSH, Govt. of India)

## Corrigendum-I

Date: 21-12-2020

Ref. : NIT issued for **LAPAROSCOPIC SET WITH ACCESSORIES FOR DEPARTMENT OF SHALYA TANTRA (Tender ID: 2020\_NIA\_542979\_3)** dated 08-12-2020.

A Pre-Bid meeting was convened on December 11, 2020 at 02:00 PM regarding the said tender. Representatives of the various firms participated in the discussion, sought clarifications and made suggestions for consideration of the Committee.

On the basis of the representations received, details of deliberation are as following-

<b>Existing Specifications</b>	<b>Amended Specifications</b>
<p><b>LAPAROSCOPIC SET WITH ACCESSORIES for Shalya Tantra</b></p> <ol style="list-style-type: none"><li>1. Full HD Video Image Processor- (including Light Source)</li><li>2. 3 Chip CCD/ CMOS Full HD Camera Head</li><li>3. Power full 4 LED/ 300 watts Light Source</li><li>4. Light Guide Cable</li><li>5. Cautery Machine</li><li>6. Hand Instrument Set</li><li>7. Trolley</li><li>8. Monitor 19"</li><li>9. Std. Equipment should be US FDA/European CE</li><li>10. Practical training to consultants</li></ol> <p><b><u>Technical Specifications for to High Definition Endo-Vision system for Laparoscopic System</u></b></p> <p><b><u>A Full High Definition up Systems will consist of:</u></b></p> <ol style="list-style-type: none"><li>1) Full HD Video Image Processor-(Including Light source)</li><li>2) 3 Chip CCD/ CMOS Full HD Camera Head -</li><li>3) Powerful 4 LED / 300W Xenon Light Source for better illumination (Included in Processor)</li><li>4) Light Guide Cable –</li></ol> <ol style="list-style-type: none"><li>1) <b>Full HD Video Image Processor:</b> Should have following specification:<ul style="list-style-type: none"><li>• A full high definition processor should have resolution of 1920x1080 pixels.</li><li>• Should have a USB slot so as to take still pictures of Endoscope images.</li><li>• Should have provision for adjusting brightness automatically during to &amp; fro of</li></ul></li></ol>	<p><b><u>SPECIFICATIONS OF LAPAROSCOPIC SET WITH ACCESSORIES</u></b></p> <ol style="list-style-type: none"><li>1. Full HD Video Image Processor- (including Light Source)</li><li>2. 3 Chip CCD/ CMOS Full HD Camera Head</li><li>3. Power full 4 LED/ 300 watts Light Source</li><li>4. Light Guide Cable</li><li>5. Telescope</li><li>6. CO2 Insufflator</li><li>7. Cautery Machine</li><li>8. Hand Instrument Set</li><li>9. Trolley</li><li>10. Monitor - 27" medical grade monitor</li><li>11. Std. Equipment should be US FDA/European CE</li><li>12. Practical training to consultants.</li></ol> <p><b>Note –</b> Video Image processor, Camera Head, Light source, Light Guide Cable and Telescope should be US FDA/European CE certified and should be from same manufacturer for system compatibility. Rest of the items can be indigenous.</p> <p><b><u>Technical Specifications for to High Definition Endo-Vision system for Laparoscopic System</u></b></p> <ol style="list-style-type: none"><li>1) <b>Full HD Video Image Processor</b>-(Including Light source)<ul style="list-style-type: none"><li>• A full high definition processor should have resolution of 1920x1080 pixels.</li><li>• Should have a USB slot so as to take still pictures of Endoscope images or record high definition surgery videos.</li><li>• Should have provision for adjusting brightness automatically during to &amp; fro of the scope movements.</li></ul></li></ol>

<p>the scope movements.</p> <ul style="list-style-type: none"> <li>• Should have special filter light or observation of capillary vessels and fine patterns in the superficial layer of mucosa for early detection of lesions.</li> <li>• It should be Compatible to all kind of of videoscops from same manufacturer without upgrade after installation.</li> </ul> <p>It should be upgradable to IR.</p> <p>2) <b>3 CCD /CMOS Full HD Camera Head (ICG HD Fluorescence Guided Imaging)</b></p> <ul style="list-style-type: none"> <li>• The camera head should be compatible for ICG HD fluorescence guided imaging by Near- Infra Red/Optical Contrast Differentiation System.</li> <li>• The full HD camera head should be of Eye piece type &amp; have resolution of 1920x1080 pixels.</li> <li>• Should have Digital / Manual focus function which can be varied seamlessly from coarse to fine image.</li> <li>• Camera Head &amp; coupler should be one piece.</li> <li>• The camera head should must have integrated (one piece) inbuilt zoom and focus lens/rings to make it fully soak able for sterilization/disinfection.</li> </ul> <p>3) <b>Powerful 4 LED Light Source</b></p> <ul style="list-style-type: none"> <li>• A Powerful LED(Equivalent to 300 W xenon )</li> <li>• The LED Light Source should be with special filter light for observation of capillary vessels and fine patterns in the superficial layer of mucosa for early detection of lesions</li> <li>• It should have facility to offer various visualization modes for surgery and diagnosis by modulating the light spectrum like RED, BLUE, GREEN &amp; VIOLET LED light for recognition of the finest tissue structures and their differentiation.</li> <li>• Automatically adjust light intensity to achieve ideal illumination.</li> </ul> <p>5) <b>Light Guide Cable</b></p> <ul style="list-style-type: none"> <li>• It should have High resistance protection against mechanical and thermal stress</li> <li>• It should have small bending radius for comfortable use</li> <li>• It should be 3 Meter or more in Length</li> </ul> <p>Should be ROHS compliant.</p>	<ul style="list-style-type: none"> <li>• Should have special filter light for observation of capillary vessels and fine patterns in the superficial layer of mucosa for early detection of lesions or ICG compatible system for tissue differentiation by Infra-Red light.</li> <li>• It should be Compatible to all kind of videoscops from same manufacturer without upgrade after installation.</li> <li>• It should be upgradable to IR.</li> </ul> <p>2) <b>3 Chip CCD /CMOS Full HD Camera Head (ICG HD Fluorescence Guided Imaging)</b></p> <ul style="list-style-type: none"> <li>• The camera head should be compatible for ICG HD fluorescence guided imaging by Near- Infra Red/Optical Contrast Differentiation System.</li> <li>• The full HD camera head should be of Eye piece type &amp; have resolution of 1920x1080 pixels.</li> <li>• Should have Digital / Manual focus function which can be varied seamlessly from coarse to fine image.</li> <li>• Camera Head &amp; coupler should be one piece.</li> <li>• The camera head should must have integrated (one piece) inbuilt zoom and focus lens/rings to make it fully soak able for sterilization/disinfection.</li> </ul> <p>3) <b>Powerful 4 LED / 300 watts Light Source</b></p> <ul style="list-style-type: none"> <li>• A Powerful LED(Equivalent to 300 W xenon )</li> <li>• The LED LightSource should be with special filter light for observation of capillary vessels and fine patterns in the superficial layer of mucosa for early detection of lesions.</li> <li>• It should have facility to offer various visualization modes for surgery and diagnosis by modulating the light spectrum like RED, BLUE, GREEN &amp; VIOLET LED light for recognition of the finest tissue structures and their differentiation.</li> <li>• Automatically adjust light intensity to achieve ideal illumination.</li> </ul> <p>4) <b>Light Guide Cable</b></p> <ul style="list-style-type: none"> <li>• It should have High resistance protection against mechanical and thermal stress</li> <li>• It should have small bending radius for comfortable use</li> <li>• It should be 3 Meter or more in Length</li> <li>• Should be ROHS compliant.</li> </ul> <p>5) <b>Telescope</b></p> <ul style="list-style-type: none"> <li>• 10 mm 30 degree wide angled autoclavable, 300 mm working length.</li> </ul>
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	<p><b>6) CO<sub>2</sub> Insufflator</b></p> <ul style="list-style-type: none"> <li>• Fully automatic electronic, digital with flow rate 30-40 litres.</li> <li>• Digital display for flow rate, pneumoperitoneum pressure and volume of gas consumed.</li> </ul> <p><b>7) Cautery Machine</b></p> <ul style="list-style-type: none"> <li>• Machine should be 400 watts.</li> <li>• It must have monopolar and bipolar.</li> <li>• Should be supplied with foot switch and all standard accessories.</li> <li>• Should be suitable for underwater Cut and Coagulation.</li> <li>• It should have Blend mode.</li> </ul> <p><b>8) Hand Instrument Set</b></p> <ul style="list-style-type: none"> <li>• Veress Needle</li> <li>• Trocar 5mm CFT</li> <li>• Trocar 10 mm CFT</li> <li>• Reducer Metal/Flipon</li> <li>• Merryland Dissector</li> <li>• Scissors CVD/STR</li> <li>• Traumatic Grasper</li> <li>• Atraumatic Grasper</li> <li>• Needle Holder Pistol Handle</li> <li>• Needle Holder Axial Handle</li> <li>• Clip Applicator set 3 in one</li> <li>• Suture Passer Storz type</li> <li>• L-Hook Teflon</li> <li>• Spatula</li> <li>• Aspiration needle</li> <li>• Spoon Forceps</li> <li>• G.B.E. Forceps</li> <li>• Knot Pusher</li> <li>• Monopolar cable</li> <li>• Bipolar cable</li> <li>• Suction Irrigation 10mm +5mm</li> <li>• Bipolar Bissinger Merryland and Type.</li> <li>• Stone holder</li> </ul>
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All other terms and conditions remain the same.

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Director**