

### Corrigendum 3

S No. Changes

<i>Point 1.5</i>	The system should have zoom coupler which should be ICG complaint
<i>To be read as</i>	The system should have zoom coupler which should be ICG complaint with digital as well as optical zoom facility
<i>Point 1.6</i>	Camera Head should have 4 buttons for features like zoom, white balance, ICG fluorescent viewing, for special imaging mode.
<i>To be read as</i>	Camera Head should have 3 buttons or more for features like zoom, white balance, ICG fluorescent viewing, for special imaging mode
<i>Point 1.11</i>	Video Outputs: two DVI, one SVHS, should have progressive scan technology with all the outputs.
<i>To be read as</i>	Video Outputs: Two or more digital output must be available with at least two for short distance and one for long distance transmission and/or one analog output, should have progressive scan technology with all the outputs.
<i>Point 2.1</i>	Light source with 300 watts or more
<i>To be read as</i>	Light source with 300 watts or more and it should be provided as separate unit.
<i>Point 2.9</i>	Lamp life of 10000 hrs or more, as standard or with spare bulbs, but asked lamp life should be matched
<i>To be read as</i>	Lamp life of 25000 hrs or more, as standard or with spare bulbs, but asked lamp life should be matched
<i>Point 2</i>	Fiber Optic Light Cable
<i>To be read as</i>	Fiber Optic Light Cable ( Quantity -2 )
<i>Point 6</i>	Suction irrigation pump
<i>To be read as</i>	Point 6 and sub heading are deleted
<i>Point 7.2</i>	Should have touch screen control, resolution should be 1920x1080p, internal capacity of 1 TB minimum, should be controlled through camera head for still and videos in full HD resolution provision of using USB and DVD's to transfer data
<i>To be read as</i>	Should have touch screen control with camera head control, resolution should be 1920x1080p, internal capacity of 1 TB minimum or More (with 1 TB External Hard Disk if 1 Tb Internal capacity) , should be controlled through camera head for still and videos in full HD resolution provision of using USB and/or DVD's to transfer data.
<i>Point 8</i>	ESU with Vessel sealing System

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To be read as Prices of this system can Quoted separately.

Point 9 Trolley

To be read as Trolley of same make and OEM.

Point 10.(a) Instruments for Laparoscopy ( 15 % of instruments can be of other make and should be USFDA or European CE certified or BIS certificate and declaration should be submitted by manufacture that they are not manufacturing the item offered of other make )

Point 10.(a).i Telescopes

Point 10.(a).i.2 Angle of view: 0° and 30°, Diameter 10mm, Length 28-30cms

To be read as Angle of view: 0° and 30°, Diameter 10 mm, Length 28 cm or more

Point 10.(a).i.3 Angle of view: 0° and 30°, Diameter 5 to 5.5 mm, Length 28-30cms5-5.5mm, Length 28-30cm

Point 10.(b) Trocars & Reducers

Trocar 10-11mm with Cannula (complete set)

120& 150mm Veress Needle (from any manufacturer)

5 mm Aspiration Needle, 17 Gauge, 33cm

5.5mm Cannula Sleeve with Automatic Valve, stop Cock

Trocar, Pyramid Tip, 5.5mm

Reducer

To be read as Trocars & Reducers

Trocar 10-11mm with Atraumatic Cannula -1

Trocar 10-11mm with Cannula of Pyramidal Tip -1

6/7 cm Veress Needle - 1

12/13 cm Veress Needle - 1

15 cm Veress Needle - 1

5 mm Aspiration Needle, 17 Gauge, 33cm

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5 to 6 mm Trocar with canulla, Pyramid Tip, 5mm ( complete Set) - 4

Reducer ( 10 to 5) :

Long Reducer 2

Short Reducer 2

Point 10 (c)

5mm Hand Instruments, as below

Quantity

- |    |   | Quantity |
|----|---|----------|
| 1  | Right Angled Dissector 33-36cm, 5mm Hand Instrument, with Insulated Shaft, Modular Design, Inner Shaft Flush Port, 360° Rotation & Shaft Rotation Lock, dismantalabe into 2/3 pieces (Handle & Insert), with Locking Mechanism            | 2        |
| 2  | Curved Kelly Dissector 33-36cm, 5mm Hand Instruments, with Insulated Shaft, Modular Design, Inner Shaft Flush Port, 360° Rotation & Shaft Rotation Lock, dismantalabe into 2/3 pieces (Handle & Insert) with Locking Mechanism            | 2        |
| 3  | Maryland Dissector 33-36cm, 5mm Hand Instruments, with Insulated Shaft, Modular Design, Inner Shaft Flush Port, 360° Rotation & Shaft Rotation Lock, dismantalabe into 2/3 pieces (Handle & Insert)                                       | 2        |
| 4  | Aligator Grasper 33-36cm, 5mm Hand Instruments, with Insulated Shaft, Modular Design, Inner Shaft Flush Port, 360° Rotation & Shaft Rotation Lock, dismantalabe into 2/3 pieces (Handle & Insert) Qty 01 each type with Locking Mechanism | 1        |
| 5  | Fundus Grasper 33-36cm, 5mm Hand Instruments, with Insulated Shaft, Modular Design, Inner Shaft Flush Port, 360° Rotation & Shaft Rotation Lock, dismantalabe into 2/3 pieces (Handle & Insert) Qty 01 each type with Locking Mechanism   | 2        |
| 6  | Tooth Grasper 33-36cm, 5mm Hand Instruments, with Insulated Shaft, Modular Design, Inner Shaft Flush Port, 360° Rotation & Shaft Rotation Lock, dismantalabe into 2/3 pieces (Handle & Insert) with Locking Mechanism                     | 1        |
| 7  | Serrated, Fenestrated Grasper 33-36cm, 5mm Hand Instruments, with Insulated Shaft, Modular Design, Inner Shaft Flush Port, 360° Rotation & Shaft Rotation Lock, dismantalabe into 2/3 pieces (Handle & Insert) with Locking Mechanism     | 1        |
| 8  | Babcock Grasper 33-36cm, 5mm Hand Instruments, with Insulated Shaft, Modular Design, Inner Shaft Flush Port, 360° Rotation & Shaft Rotation Lock, dismantalabe into 2/3 pieces (Handle & Insert) with Locking Mechanism                   | 2        |
| 9  | Debakey Grasper 33-36cm, 5mm Hand Instruments, with Insulated Shaft, Modular Design, Inner Shaft Flush Port, 360° Rotation & Shaft Rotation Lock, dismantalabe into 2/3 pieces (Handle & Insert) with locking Mechanism                   | 1        |
| 10 | Curved Metzenbaum Scissors 33-36cm, 5mm Hand Instruments, with Insulated Shaft, Modular Design, Inner Shaft Flush Port, 360° Rotation & Shaft Rotation Lock, dismantalabe into 2/3 pieces (Handle & Insert)                               | 2        |
| 11 | Straight serrated Scissors 33-36cm, 5mm Hand Instruments, with Insulated Shaft, Modular Design, Inner Shaft Flush Port, 360° Rotation & Shaft Rotation Lock, dismantalabe into 2/3 pieces (Handle & Insert)                               | 2        |
| 12 | Bowel long Grasper 33-36cm, 5mm Hand Instruments, with Insulated Shaft, Modular Design, Inner Shaft Flush Port, 360° Rotation & Shaft Rotation Lock, dismantalabe into 2/3 pieces (Handle & Insert) with Locking Mechanism                | 2        |
| 13 | Bowel short Grasper 33-36cm, 5mm Hand Instruments, with Insulated Shaft, Modular Design, Inner Shaft Flush Port, 360° Rotation & Shaft Rotation Lock, dismantalabe into 2/3 pieces (Handle & Insert) with Locking Mechanism               | 2        |
| 14 | Needle holder with tungsten carbide insert, dismantling into three parts namely, outer tube, handle and inserts, ergonomic pistol handle, with disengageable  | 1        |

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	ratchet, Straight jaw, size: 5mm, length : 33cm for use with suture material size: 0/0 to 7/0.	
15	Needle holder with tungsten carbide insert, dismantling into three parts namely, outer tube, handle and inserts, ergonomic straight handle, with disengageable ratchet, jaw curved to left, size: 5mm, length : 33cm for use with suture material size: 0/0 to 7/0.	1
16	<b>5 mm Suction and irrigation cannula with Suction and irrigation tube with thumb control or Trumpet type</b>	1
17	<b>10 mm Suction and irrigation cannula with Suction and irrigation tube with thumb control or Trumpet type</b>	1
18	Hook, Dissecting-Electrode with electrode L-tip, autoclavable, ergonomic handling, size 5 mm, length 36 cm, with connector pin for unipolar coagulation.	1
19	Spatula, Dissecting-Electrode with electrode, autoclavable, ergonomic handling, size 5 mm, length 36 cm, with connector pin for unipolar coagulation.	
20	Unipolar HF Cord	4
21	Three part laparoscopic Bipolar Coagulating Grasping Forceps with overload tissue protection, 360 degree rotational tip, Wide jaws, with connector pin for bipolar coagulation, size 5 mm, length 33-36 cm, long, single action jaws, ergonomic Plastic handle with larger contact area, can be dismantled with the press of a button.	2
22	<b>Three part laparoscopic Bipolar Dissecting &amp; Grasping Forceps with overload tissue protection, 360 degree rotation tip , Wide jaws, with connector pin for bipolar coagulation, 360 degree rotational sheeth, size 5 mm, length 33- 36 cm, long, single action jaws, ergonomic Plastic handle with larger contact area, can be dismantled with the press of a button.</b>	1
23	Bipolar HF Connecting Cable	4
24	<b>Fan Retractor, Size 5 Mm, Length 36 Cm</b>	2
<b>10 (d)</b>	10mm Hand Instruments, as below	
1	Maryland Dissector 33-36cm, 10mm Hand Instruments, with Insulated Shaft, Modular Design, Inner Shaft Flush Port, 360° Rotation & Shaft Rotation Lock, dismantalabe into 2/3 pieces (Handle & Insert)	1
2	Bebcock Grasper 33cm or more, 10mm Hand Instrument, with Insulated Shaft, Modular Design, Inner Shaft Flush Port, 360° Rotation & Shaft Rotation Lock, dismantalabe into 2/3 pieces (Handle & Insert)	1
3	Double Action Claw Grasper 33cm or more, 10mm Hand Instrument, with Insulated Shaft, Modular Design, Inner Shaft Flush Port, 360° Rotation & Shaft Rotation Lock, dismantalabe into 2/3 pieces (Handle & Insert)	1
4	Right angle Dissector 33-36cm, 10mm Hand Instruments, with Insulated Shaft, Modular Design, Inner Shaft Flush Port, 360° Rotation & Shaft Rotation Lock, dismantalabe into 2/3 pieces (Handle & Insert)	1
5	Clip applicator for medium clips	1

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6	Clip applicator for Medium large clips	1
7	Dismantling Fan Retractor, Distendable, Size 10 mm, Length 33-36 Cm	2
<b>-----&gt; Following VATS INSTRUMENTS has been added ( can be of other make and should be USFDA or European CE certified or BIS certificate and decleration should be submitted by manufacture that they are not manufacturing the item offered of other make )</b>		
1	Trocar, size 11 mm (i.e. for 10 mm scope), autoclavable consisting of: Trocar, with blunt tip, Trocar Cannula, flexible, without valve, length 8 to 10 cm	2
2	Trocar, size 6 mm (for passing instruments etc.), autoclavable consisting of: Trocar, with blunt tip, Trocar Cannula, flexible, without valve, length 8 to 10 cm	2
3	Trocar, size 4 mm ( for s-shaped, medial joint instruments)	4
4	Parenchymal Forceps, atraumatic, straight jaws, single action jaws, size 5 mm, length 25 to 30 cm, consisting of: Metal Handle with at least 3 locking positions, with ratchet, Outer insulated Tube with Working Insert.	2
5	Lung Forceps, atraumatic, fenestrated, curved jaws, single action jaws, size 5 mm, length 25 to 30 cm, consisting of: Metal Handle with at least 3 locking positions, Outer insulated Tube with Working Insert	2
6	Dissecting and Grasping Forceps, curved jaws, double action jaws, size 5 mm, length 25 to 30 cm, consisting of: Metal Handle with at least 3 locking positions, Outer insulated Tube with Working Insert	2
7	Lung Nodule Forceps, atraumatic, fenestrated, curved jaws, single action jaws, size 5 mm, length 25 to 30 cm, consisting of: Metal Handle with 4 locking positions, Outer insulated Tube with Working Insert	2
8	Grasping forceps, cobra-Jaws, 1 X 2 teeth, straight jaws, single action jaws, size 5 mm, length 25 to 30 cm, with connector pin for unipolar coagulation, consisting of: Plastic Handle with 4 locking positions, Insulated Outer Tube with Working Insert.	2
9	Dissecting Forceps, insulated, curved jaws, double action jaws, size 5 mm, length 25 to 30 cm, with connector pin for unipolar coagulation, consisting of: plastic Handle with 4 locking positions, Insulated Outer Tube with Working Insert	2
10	Scissors, insulated, straight jaws, curved scissor-blades, double action jaws, size 5mm, length 25 to 30 cm, with connector pin for unipolar coagulation, consisting of: Plastic Handle with 4 locking positions, Insulated Outer Tube with Working Insert	2
11	Biopsy Forceps, insulated, distally angled outer sheath, single action jaws, size 5mm, length 25 to 30 cm, with connector pin for unipolar coagulation, consisting of: Plastic Handle with 4 locking positions, Insulated Outer Tube with Working Insert	2
12	Suction -Coagulation Cannula, with connector pin for bipolar coagulation, distally angled sheath, for use with handle, size 5mm, length 25 to 30 cm.	2


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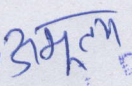

13	Lung Spatula, s- shaped, length- 25 cm or more	1
14	Dissecting forcep, S-shaped, self-opening, with ratchet length 30 cm or more and medial joint	1
15	Grasping Forceps, with ratchet, curved, medial joint, length 25 cm or more	2
16	Grasping Forceps, with ratchet, s-shaped, medial joint, length 33 cm or more	2

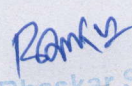
Few essential things to be provide by bidder ( can be of other make and should be USFDA or European CE certified or BIS certificate):

1. Formalin Chamber – 2
2. Cidex Tray – 2
3. Hem-O-Lock type clip applicator( Green) – 1
4. Hem-O-Lock type clip applicator( Purple) – 1
5. Titanium Clips Medium – 2 box
6. Titanium Clips Medium large – 2 box
7. Hem-O-Lock type clip ( Green) – 2 box
8. Hem-O-Lock type clip ( Purple) – 2 box

All the asked products should be compatible with each other, all the itesm should be of same manufacturer (unless specified) for system compatibility, all the items should be USFDA or European CE certified or BIS certificate should be submitted with tender documents.

  
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