

**Amendment No. 3**

27.09.18

**Sub: Amendment to the Bidding Document**

**Ref.: Notice Inviting Bid ref. HITES/PCD/NCI-AIIMS/31/18-19 dated 10.08.18 read with its subsequent amendments**

The following changes have been authorised and are being incorporated in the above referred Bidding Document.

**SECTION - I****NOTICE INVITING BIDS (NIB)**

<b>Description</b>	<b>Existing</b>	<b>Amended as</b>
Last date and time of online submission of tender	27.09.2018 at 12:00 noon	<b>15.10.2018</b> at 12:00 noon
Last date and time of physical submission of EMD, Tender processing Fee, any other document specified in the Bidding Document	27.09.2018 at 2:00 pm	<b>15.10.2018</b> at 2:00 pm
Date of tender Opening	27.09.2018 at 2:30 pm	<b>15.10.2018</b> at 2:30 pm

**SECTION - VII****TECHNICAL SPECIFICATION AND GENERAL POINTS****A. TECHNICAL SPECIFICATION:****Item No. 1 (Rfx/Event number 3000003359)****Combined Ultrasonic Cutting & Coagulation device with Advanced Radio-Frequency energy**

<b>Sl. No</b>	<b>Reference to the bidding document</b>	<b>Existing specifications/Clause of Bidding Document</b>	<b>Amended as</b>
1	Point C . 1 , page 47	Accessories: General Cart	Generator cart should be from same OEM of main equipment.

2	Page 48 Para C.3	Hand piece/ Transducer compatible with various hand instruments used in open and laparoscopic surgeries- <b>3 nos. each</b>	Hand piece/ Transducer compatible with various hand instruments used in open and laparoscopic surgeries.
3	Page 48 Para C.4	RF energy 5 mm Lap and open Hand Activated probe capable of sealing blood vessels upto 7 mm in diameter, 360 deg knob rotation- <b>15 nos. each</b>	RF energy 5 mm Lap and open Hand Activated probe capable of sealing blood vessels upto 7 mm in diameter, 360 deg knob rotation.
4	Page 48 Para C.5	Ultrasonic/Integrated probes 5 mm Lap and Open Hand Activated Curved Coagulating Shear with next generation adaptive tissue technology which gives regulated power delivery for improved thermal management and audible feedback tone for greater surgical efficiency, capable of sealing blood vessels upto 7 mm (using ultrasonic/RF energy), with ergonomic handle - 15 nos. each	Ultrasonic/Integrated probes 5 mm Lap and Open Hand Activated Curved Coagulating Shear with next generation adaptive tissue technology which gives regulated power delivery for improved thermal management and audible feedback tone for greater surgical efficiency, capable of sealing blood vessels upto 7 mm (using ultrasonic/RF energy), with ergonomic handle
5	Page 48	Bidders should quote prices of all consumable items for 10 years in prescribed pricebid format.	Para Deleted.
6	Page 48	Added Para: Note: Quantity given in the BOQ for consumables, is for 10 years period for calculation of L1 ranking. (1st year consumables quantity is already included in equipment BOQ & seperate BOQ given for quoting consumables price from 2nd to 10th year) However order shall be placed only for one year and subsequent year order may be placed as and when required basis.	Para Deleted.

**Note to Prospective Bidders:**

The existing BOQ is revised as follows

<b>BOQ for Combined ultrasonic cutting &amp; coagulation device with advanced Radio-Frequency energy</b>				
<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>
<b>Price of consumables in INR till consignee site but exclusive of GST</b>				

S.No.	Name of the Item	Quantity for purpose of bid ranking	Unit Rate#	Grand total for purpose of bid ranking (E= C*D)
1	Combined ultrasonic cutting & coagulation device with advanced Radio-Frequency energy system & Foot Switches as per technical specification	1 no.		
	<b>Standard Accessories</b>			
2	Generator cart	1 no.		
3	Adapters for ultrasonic and radiofrequency instruments (if required)	2 nos.		
	<b>Consumables</b>			
4	Hand piece/ Transducer compatible with various hand instruments used in open surgeries	10 nos.		
5	Hand piece/ Transducer compatible with various hand instruments used in laparoscopic surgeries	10 nos.		
6	RF energy 5 mm Lap Hand Activated probe capable of sealing blood vessels upto 7 mm in diameter	50 nos.		
7	RF energy 5mm open Hand Activated probe capable of sealing blood vessels upto 7mm in diameter	50 nos.		
8	Ultrasonic/Integrated probes 5 mm Lap Hand Activated Curved Coagulating Shear with next generation adaptive tissue technology which gives regulated power delivery for improved thermal management and audible feedback tone for greater surgical efficiency, capable of sealing blood vessels upto 7 mm (using ultrasonic/RF energy), with ergonomic handle	50 nos.		
9	Ultrasonic/Integrated probes 5 mm open Hand Activated Curved Coagulating Shear with next generation adaptive tissue technology which gives regulated power delivery for improved thermal management and audible feedback tone for greater surgical efficiency, capable of sealing blood vessels upto 7 mm (using ultrasonic/RF energy), with ergonomic handle	50 nos.		
Grand Total for Bid Ranking				
# Unit Rates quote shall stay valid for 1 year and NCI AIIMS reserves the right to procure the consumables from the bidder at quoted rates or from any other source as per actual requirement.				

**Item No. 2 (RFX/Event No.3000003360)**  
**Fully HD Video Endoscope System (2 nos.) with Endoscopic Ultrasound System (1no.)**

Sl. No	Reference to the bidding document	Existing specifications/Clause of Bidding Document	Amended as
1	Point 2 ,page 49	Variable/Manually controllable stiffness	<b>Variable or Gradual/Manually</b> controllable stiffness
2	Point 2 ,i.5, page 49	Full HD Colonovideoscope with accessories : Biopsy probes- 10 each	<b>Bipolar</b> probes- 10 each
3	Point 3 .j 3),page 53	ERCP Accessories compatible with instrument channel : 3) <b>V-System</b> TM Single use triple lumen sphincterotome.-10 each	Single use triple lumen sphincterotome.-10 each
4	Point 3. J.4),page 53	V System single use triple lumen needle knives-10 each	Single use triple lumen needle knives-10 each
5	Point 3. J.5),page 53	V system single use triple lumen balloons-10 each	Single use triple lumen balloons-10 each
6	Point 3. J.6),page 53	Flower basket V single use stone extraction basket-10 each	Single use triple lumen balloons-10 each
7	Point 3.j.7) ,page 53	Tetra catch V single stone extraction basket-10 each	single stone extraction basket-10 each
8	Point 3.j.8) ,page 53	Reusable hard type dormia basket-10 each	Hard type dormia basket-10 each
9	Point 4 . 10e, page 51	Biopsy probes- 10 each	<b>Bipolar</b> probes- 10 each
10	Para 4	Full HD Sigmoidoscope with Accessories <b>Added Para:</b>	Should be compatible HD plus video scopes with real time optical chrome endoscopy imaging such as NBI/BLI/OE or equivalent

11	Point 5 ,Page 52	<b>Full HD VIDEO PROCESSOR</b> Recording of still or moving images equipped with one touch connection of scopes. Archival and printing facility should be provided.	Full HD VIDEO PROCESSOR Recording of <b>still and moving</b> images equipped with one touch connection of scopes. Archival and printing facility should be provided. <b>If moving images recording is not possible with video processor then suitable software for recording through computer system (asked in technical specifications), should be offered</b>
12	Point 5 ,Page 52	Portable memory & USB slot for still image.	Portable memory & USB slot for still images and videos <b>(or external recorder for images and videos).</b>

**Item No. 3 (Rfx/Event number 3000003361)**

**Full HD Video Bronchoscope System with Endobronchial Ultrasound System**

Sl. No	Reference to the bidding document	Existing specifications/Clause of Bidding Document	Amended as
1	Para A Point 4,Page 55	Video Bronchoscope System <b>Adult Scope:</b> Insertion tube diameter should be 6 mm or less	Insertion tube diameter <b>should be 6.4 mm or less</b>
2			<b>Added title:</b> Para 3 Linear Probes
3	Point 3.13 ,Page 56	3.13 Distal end : Probe not more than 6.5 x 7.0 mm Optic not more than 7.5mm	Distal end : Probe not more than <b>7.3 mm</b>
4	Para 4, point 4.8 ,Page 56	User programmable calculation package	<b>Deleted</b>
5	Page 57 Para	a Automatic washing and cleaning of bronchoscopes b Capacity / Basin Basins per system : At least one Scopes per basin : At least one Basin size : 47.0 cm depth x 39.5 cm width (50x40) Basin volume : 15L (maximum) 12 - 15 L c Total Cycle Time : 15-20 minute per cycle 4 Scope Loading : Top loading	<b>Deleted</b>

		5 Scope connection required : Yes 6 Applicable Scopes : Olympus / Pentax / Fuginon etc. 7 Filter Media : 0.1 to 0.2 micron filter 8 Minimum effecting concentration (MEC) access port 9 Power Capable of operating on 220V 50Hz AC	
6	BOQ point 16 ,page 58	automatic dishwasher for cleansing & disinfection system as per technical specifications	<b>Deleted</b>
7			<b>Added Para:</b> Leakage tester-1 no. should be supplied alongwith main equipment
7			<b>Added BOQ Item:</b> <b>BOQ Sl.no.27</b> Leakage tester-1 no. should be supplied alongwith main equipment

**Item No. 4 (Rfx/Event number 3000003362)  
Hysteroscope System**

Sl. No	Reference to the bidding document	Existing specifications/Clause of Bidding Document	Amended as
1	Point 4a,page 59	SCISSOR, BIOPSY & GRASPING FORCEP, 5 Fr. , length 33-36cm – one each	SCISSOR, BIOPSY & GRASPING FORCEP, 5 Fr. , length 33-36cm – <b>2 nos. each</b>
2	BOQ S.No.4, Page 60	SCISSOR, BIOPSY & GRASPING FORCEP as per technical specifications – <b>1 no.</b>	SCISSOR, BIOPSY & GRASPING FORCEP as per technical specifications – <b>2 nos.</b>
3	Point 4b,page 59	NEEDLE ELECTRODE - Unipolar Needle Electrode , 5 Fr., length 34 cm	NEEDLE ELECTRODE - Unipolar Needle Electrode , 5 Fr., length 34 cm – <b>2 nos. each</b>
4	BOQ S.No.5, Page 60	NEEDLE ELECTRODE as per technical specifications – <b>1 no.</b>	NEEDLE ELECTRODE as per technical specifications – <b>2 nos.</b>

5	Point 7b ,page 59	Should have compatibility for selecting Progressive / Interlaced output	Should have compatibility for selecting Progressive output
6	Point 9c ,page 60	Lamp life should not be less than 500 hrs (approx). <b>2 nos. spare 300 W xenon bulbs</b> should be supplied in case of xenon light source	Lamp life should not be less than 500 hrs (approx). <b>1 no. spare 300 W xenon bulb</b> should be supplied in case of xenon light source.
7	Point 11 ,page 60	UPS: 2 KVA online UPS with 30 minutes back up for the whole system to be supplied	<b>Deleted</b>
8	BOQ Sl.no.15 Page 61	UPS as per technical specifications - 1 no.	<b>Deleted</b>
9	BOQ Sl.no.8 ,page 60	Electro-Surgical Unit as per technical specifications	<b>Added Para to the technical specifications:</b> ESU with 300W or more output power, from same OEM of hysteroscope Should have Monopolar cut (pure, blend) & coagulation (soft, forced, spray), Bipolar Cut (cut, Saline cut) Coagulation (soft coag, auto coag, saline coag), Should be compatible with all monopolar & bipolar hysteroscope instruments Should be European CE or USFDA certified Should be supplied with footswitch (combined or seperate) for all applications-1no., disposable monopolar pen-20, bipolar forceps straight 3 nos. & bayonet 3 nos., disposable patient plate adult - 50 nos., disposable patient plate pediatric - 10 nos.All compatible accessories for therapeutic & diagnostic hysteroscope work should be supplied along with ESU unit
10	BOQ point 16, Page 61.	Recording and Reporting Software with hardware (latest desktop computer and color laserjet printer.	Deleted
11			<b>Added BOQ Item</b> <b>BOQ Sl.no.17</b> Trolley from OEM

**Item No. 6 (Rfx/Event number 3000003364)  
Rigid Bronchoscope**

Sl. No	Reference to the bidding document	Existing specifications/Clause of Bidding Document	Amended as
1	Point 4 d, page 65	Lamp life should not be less than 500 hrs (approx). 2 nos. spare 300W xenon lamp should be supplied in case of Xenon light source	<b>To be Amended as:</b> Lamp life should not be less than 500 hrs (approx). <b>1 no. spare 300W xenon lamp</b> should be supplied in case of Xenon light source

**Item No. 7 (Rfx/Event number 3000003365)  
Rigid Sigmoidoscope**

Sl. No	Reference to the bidding document	Existing specifications/Clause of Bidding Document	Amended as
1	Point 2d, page 67	Lamp life should not be less than 500 hrs (approx). <b>2 nos. spare</b> 300W xenon bulbs should be supplied in case of xenon light source	<b>To be Amended as:</b> Lamp life should not be less than 500 hrs (approx). <b>1 no. spare 300W xenon lamp</b> should be supplied in case of Xenon light source

**Item No. 9 (Rfx/Event number 3000003367)  
Video-Laryngoscope for Surgical Oncology**

Sl. No	Reference to the bidding document	Existing specifications/Clause of Bidding Document	Amended as
1	Point 4, page 70	Disposable Blades made of medical grade polymer, size 2-50 nos., size 3- 50 nos., size 4-100 nos. should be quoted per year	<b>To be Amended as:</b> Disposable Blades made of medical grade polymer, small, medium & large sizes should be quoted <b>(3 different size should be quoted)</b>
2	Point 5, page 70	ET Tube insertion dia: 6mm-8mm	<b>Para Deleted</b>



2	BOQ Point 2,page 70	Disposable Blade as per technical specifications, size: 2	To be Amended as:Disposable Blade as per technical specifications, <b>small</b>
3	BOQ Point 3,page 70	Added Para: Disposable Blade as per technical specifications, size 3	To be Amended as: Disposable Blade as per technical specifications, <b>medium</b>
4	BOQ Point 4,page 70	Added Para: Disposable Blade as per technical specifications, size 4	To be Amended as: Disposable Blade as per technical specifications, <b>large</b>

**BOQ for Consumables for Video-Laryngoscope for Surgical Oncology is revised as follows**

S.No.	Name of the Item	Quantity per Year	2nd year	3rd year	4th year	5th year	6th year	7th year	8th year	9th year	10th year
1	Disposable Blade as per technical specifications, small	50 nos.									
2	Disposable Blade as per technical specifications, medium	50 nos.									
3	Disposable Blade as per technical specifications, large	100 nos.									

**Item No. 10 (Rfx/Event number 300003368)  
Video Assisted Thoracoscopy Surgery (VATS)**

SI. No	Reference to the bidding document	Existing specifications/Clause of Bidding Document	Amended as
1	Point 1.c ,page 71	<b>3-CHIP FULL HD ENDOSCOPIC CAMERA</b> PARFOCAL optical zoom to guarantee that the best quality image will be captured by the three (3) CCDs at the camera head.	<b>To be Amended as:</b> 3-CHIP FULL HD ENDOSCOPIC CAMERA optical zoom to guarantee that the best quality image will be captured by the three (3) CCDs at the camera head.

2	Point 1.h ,Page 71	All camera functions can be controlled by a keyboard connected to the camera control unit.	<b>Amended as:</b> All camera functions can be controlled by a <b>keyboard or touch screen</b> connected to the camera control unit.
3	Point 1.3 .v,page 71	Camera Control Unit: Video output: 2x DVI-D signal (HD digital signal), 1xRGB signal to 15 pin HD D sub sockets, 2x S-Video (Y/C signal) to S-Video, 1xComposite signal to BNC socket	<b>Amended as:</b> Video output: 2x DVI ( <b>along with compatible outputs for transfer of data between camera, monitor &amp; recording system etc.</b> )
4	Point 1.3 .b .vi ,page 71	Camera Head: Internal lens : <b>Parfocal 2:1</b>	<b>Amended as:</b> Internal lens: 2:1
5	Point 1.3 .b .vii,page 72	Camera Head: Optical zoom lens : f = 14-30mm	<b>Amended as:</b> Optical zoom lens : <b>f = 16-28mm</b>
6	point 2, Page 72	2. LIGHT SOURCE (300W)/LED with 2light cables and spare Lamp Qty 1 no.	<b>Amended as:</b> LIGHT SOURCE (300W)/LED with 2light cables <b>Spare xenon lamp in case of xenon light source</b> Qty 1 no.
7	Point 2.a ,Page 72	a. It shall be a Xenon Cold Light Fountain with a 300W Xenon lamp that has a colour temperature exceeding 6000 deg K. The light source shall be suitable for virtually all endoscopic interventions and producing excellent results especially for photographic and video documentation.	<b>Amended as:</b> It shall be a Xenon Cold Light Fountain with a 300W Xenon <b>or LED</b> lamp that has a colour temperature exceeding 6000 deg K. The light source shall be suitable for virtually all endoscopic interventions and producing excellent results especially for photographic and video documentation.
8	Point 2.iv , page 72	An anti-fog air pump is available for endoscopes which have a special anti-fog channel to prevent the lens from misting up.	Deleted
9	Point 3.2 c,Page 73	Brightness : 500 cd/m <sup>2</sup>	Deleted
10	Point 3.2 d,page 73	Image Contrast Ratio : 800:1	Deleted
11	Point 3.2 a, page 73	Colour Scale : 100% : 178°	Deleted
12	Point 3.2 b,page 73	Viewing angle (H & V)	Deleted
13	Point 3.2 c, Page 73	Simultaneous colours : 16.8 million	Deleted

14	Point 3.2 d, page 73	Dot pitch : 0.287	Deleted
15	Point 3.2 e, page 73	Response time :5-12 ms	Deleted
16	Point 3.3a.page 73	Fanless cooling prevents the introduction of contaminants into the sterile field.	Deleted
17	Point 3.3b, Page 73	Low voltage (24 VDC) external power supply maybe located 30m away from the screen, removing any electrical concern.	Deleted
18	Point 4 .xxii, page 74	Hard disk:500 GB SATA 3.5"	<b>Amended as:</b> Hard disk:500 GB
19	Point 5.iii, page 75	Rod lens Telescope 0°, with angled eyepiece, diameter 10 mm, length 27 cm with <b>6 mm</b> instrument channel, autoclavable -Qty 1 no.	<b>To be Amended as:</b> Rod lens Telescope 0°, with angled eyepiece, diameter 10 mm, length 27 cm with <b>6-6.1 mm</b> instrument channel, autoclavable -Qty 1 no.
20	BOQ Sl.no. 7 Page 77	iii. Rod lens Telescope 0°, with angled eyepiece, diameter 10 mm, length 27 cm with <b>6 mm</b> instrument channel, autoclavable-1 no.	Rod lens Telescope 0°, with angled eyepiece, diameter 10 mm, length 27 cm with <b>6-6.1 mm</b> instrument channel, autoclavable -1 no
21	Point 5.iv, page 75	Telescope, 10 mm, length 32 cm, variable direction of view from 0° - 120°, twisting controller to select the desired view of direction, fiber optic light transmission incorporated –Qty 1 no.	Deleted
22	BOQ Sl.no. 8 , page 77	iv. Telescope, 10 mm, length 32 cm, variable direction of view from 0° - 120°, twisting controller to select the desired view of direction, fiber optic light transmission incorporated	Deleted
23	Point 5.vii,page 75	Trocar, size <b>6 mm</b> , autoclavable consisting of: Trocar, with blunt tip, Trocar Cannula, flexible, without valve, length 8.5 cm-Qty 2 nos	<b>To be amended as:</b> Trocar, size <b>6 or 5.5 mm</b> , autoclavable consisting of: Trocar, with blunt tip, Trocar Cannula, flexible, without valve, length 8.5 cm-Qty 2 nos

24	BOQ Sl.no. 11 , page 77	Trocar, size <b>6 mm</b> , autoclavable consisting of: Trocar, with blunt tip, Trocar Cannula, flexible, without valve, length 8.5 cm – 2 no.	Trocar, size <b>6 or 5.5 mm</b> , autoclavable consisting of: Trocar, with blunt tip, Trocar Cannula, flexible, without valve, length 8.5 cm-Qty 2 nos
25	Point 5.xx, page 76	xx. <b>Lung Nodule Forceps</b> , atraumatic, fenestrated, curved jaws, single action jaws, size 5 mm, length 28 cm, consisting of: Metal Handle with 4 locking positions, Outer Tube with Working Insert–Qty 1 no.	<b>To be amended as:</b> <b>Lung Forceps</b> , atraumatic, fenestrated, curved jaws, single action jaws, size 5 mm, length 28 cm, consisting of: Metal Handle with 4 locking positions, Outer Tube with Working Insert–Qty 1 no.
26	BOQ Sl.no. 24 , page 77	<b>Lung Nodule Forceps</b> , atraumatic, fenestrated, curved jaws, single action jaws, size 5 mm, length 28 cm, consisting of: Metal Handle with 4 locking positions, Outer Tube with Working Insert – 1 no.	<b>Lung Forceps</b> , atraumatic, fenestrated, curved jaws, single action jaws, size 5 mm, length 28 cm, consisting of: Metal Handle with 4 locking positions, Outer Tube with Working Insert– 1 no.

**Item No. 11 (Rfx/Event number 3000003369)  
Video Mediastinoscope Set**

Sl. No	Reference to the bidding document	Existing specifications/Clause of Bidding Document	Amended as
1	point 1,page 80	Distending DCI Video Mediastinoscope, length 20 cm, distension in horizontal and radial direction, with connection on holding system via mechanical central clamp or universal clamping jaw, for use with DCI <b>HOPKINS</b> Telescope and DCI camera head –QTY 1 no	<b>Amended as:</b> Distending DCI Video Mediastinoscope, length 20 cm, distension in horizontal and radial direction, with connection on holding system via mechanical central clamp or universal clamping jaw, for use with DCI Telescope and DCI camera head –QTY 1 no
2	BOQ Sl.no.1 Page 81	Distending DCI Video Mediastinoscope, length 20 cm, distension in horizontal and radial direction, with connection on holding system via mechanical central clamp or universal clamping jaw, for use with DCI <b>HOPKINS</b> Telescope and DCI camera head – 1 no.	Distending DCI Video Mediastinoscope, length 20 cm, distension in horizontal and radial direction, with connection on holding system via mechanical central clamp or universal clamping jaw, for use with DCI Telescope and DCI camera head – 1 no

3	Point 5 , page 80	Fiber Optic Light Cable, 3.5 mm $\varnothing$ , length <b>320 cm</b> , for use with Endovision DCI Camera Head QTY -1 no.	<b>Amended as:</b> Fiber Optic Light Cable, 3.5 mm $\varnothing$ , length <b>300 cm</b> , for use with Endovision DCI Camera Head QTY -1 no.
4	BOQ Sl.no.7 Page 82	Fiber Optic Light Cable, 3.5 mm $\varnothing$ , length <b>320 cm</b> , for use with Endovision DCI Camera Head – 1 no.	Fiber Optic Light Cable, 3.5 mm $\varnothing$ , length <b>300 cm</b> , for use with Endovision DCI Camera Head -1 no.
5	Point 21 d,Page 81	Lamp life should not be less than 500 hrs (approx). 2 nos. spare 300W xenon bulbs should be supplied in case of xenon light source	<b>Amended as:</b> Lamp life should not be less than 500 hrs (approx). <b>1 no. spare 300W xenon bulb</b> should be supplied in case of xenon light source

**All other contents of the Bidding Document including terms & conditions remain unaltered.**