



All India Institute of Medical Sciences, Bhubaneswar
At - Sijua (Patrapada), Post - Dumuduma, Bhubaneswar (Odisha) - 751 019

To be uploaded in Website: www.aiimsbhubaneswar.edu.in (Tender)

Reference No: J-11083(001)/2019-20/S&P

Dated: 07/03/2020

Sub: Procurement of 3D Laparoscopy System with Video Choledoscope with ICG (Make: Olympus) for the Department of SURGICAL GASTRONETEROLOGY at AIIMS, Bhubaneswar on Proprietary basis - Inviting Comments thereon.

The Department of SURGICAL GASTROENTEROLOGY, AIIMS, Bhubaneswar has requested for procurement of 3D Laparoscopy System with Video Choledoscope with ICG (Make: Olympus) from **M/s Olympus Medical Systems India Private Limited, Gurugram- 122 001.**

The Notice is being uploaded for general information of prospective manufacturer/Authorized Distributor/Dealers to submit their objection/proposal/comments, if any, on proprietorship of the item.

In case the product of any manufacturer/Authorized distributor/Dealer conforms to the enclosed specifications, they may submit their proposal for the supply of the same along with the brochures, point by point compliance of the enclosed specifications along with all documentary evidence. One quotation of the product may also be submitted.

The objections/comments/proposal should be sent in sealed cover to the Office of Sr. Procurement Cum Stores Officer, AIIMS, Bhubaneswar (Odisha) – 751019 or through E-mail to spo@aiimsbhubaneswar.edu.in, aso.jkbiswal@aiimsbhubaneswar.edu.in and stoke_lovneet@aiimsbhubaneswar.edu.in, so as to reach on or before **date: 21-03-2020** failing which it will be presumed that no other firm is interested to offer comments/protest/object and case will be decided on its merits.

The ref. no. – J-11083(001)/2019-20/S&P dt: 07-03-2020, due on dated: **21-03-2020** should be superscripted on sealed envelope.

Enclosure:

1. Proprietary Article Certificate from Indenting Officer. **Annexure-I**
2. Proprietary Certificate of M/s Olympus Medical Systems India Private Limited, Kolkata **Annexure-II**

Copy to:

- | | | |
|--|---|------------------------------|
| 1. Indenting Officer, Dept. of Surgical Gastroenterology | : | for information please |
| 2. Accounts Officer | : | for information please |
| 3. IT Cell | : | for hoisting in the website. |

[Signature]
07/3/2020

Sr. Procurement-cum-Stores Officer

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File No. and Date Reference :			
1	Description of article	3D LAPAROSCOPY SYSTEM WITH VIDEO CHOLEDOSCOPY & ICG	
2	Forecast of quantity / annual requirement	01	
3	Approximate estimated value for above quantity	1.58 Cr.	
4	Maker's name and address	OLYMPUS CORPORATION, JAPAN	
5	Name(s) of authorized dealers/ stockists	Olympus Medical Systems India Pvt Ltd	
6	I approve the above purchase on PAC basis and certify that : - Note- Tick to retain only one out of (b), C-1) or (c-2) whichever is applicable and cross out others. Please do confirm (a) by ticking it - without which PAC certificate will be invalid.		
6 (a)	This is the only firm who is manufacturing / stocking this item. AND		☒
6 (b)	A Similar article is not manufactured / sold by any other firm, which could be used in lieu OR		☐
6 (c-1)	No other make/brand will be suitable for following tangible reasons (like OEM/ Warranty, spares.) : OR		☐
6 (c)	No other make/brand will be suitable for following intangible reasons (if PAC was also given in the last procurement cycle, please also bring out efforts made since then to locate more sources) : OR		☐
7	Reference of concurrence of finance wing to the proposal :		
History of PAC Purchase of this item for past three years may be given below :			
Name of the Supplier			
Order/ Tender Reference & Date	Quantity Ordered	Basic Rate on Order (Rs.)	Adverse Performance Reported if Any
	NA		

Signature of the Indentor

Date..... Designation of Officer.....

Gramhadatta Pattnaik
MS, MCh
Assistant Professor,
Surgical Gastroenterology
AIIMS, Bhubaneswar

Medical Superintendent
AIIMS, Bhubaneswar

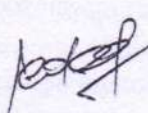
3D Laparoscopy system For Advance GI Surgery procedure

Budget 1.70cr

Should be 3D system with Flexible chip on tip Video Choledocoscope& should consist of following

1. 3D Endovision system with following :

- Deflectable Videoscope 3D 10mm(Flexible tip 10 mm 3D Scope)
 - Rigid 10mm 30 degree 3D Scope
- a) 3D camera System should provide Full HD imaging with Resolution of 1920x1080p.
 - b) Should be supplied with 3D scope with Flexible tip for angulation and movement of up, down , right & left angulation .It should be with the a working length of 370mm & with depth of field of 18-100mm
 - c) Should also be supplied with Integrated video laparoscope, 10 mm, 30° direction of view Rigid.
 - d) 3D system should have polarizing system for Image Reproduction, for using economical eye-ware for flicker-free and bright image.
 - e) 3D system should have Provision for switch over between 3D/2D observation mode, from the 3D telescope.
 - f) 3D telescope design should eliminate the image rotation distortion associated with 3D vision 3D-Image Rotation without Loss of Horizon
 - g) Change the view direction while maintaining horizontal orientation of images, enabling a continuous critical view in 3D
 - h) Easy switching between 2D and 3D modes
 - i) Should be capable of providing following 3D transmission outputs-3G-SDI, Line by Line OR Side by Side by DVI-D
 - j) h. Should have facility for automatic brightness control for best distribution of light evenly over the image field
 - k) The 3D scope should be of 10 mm in diameter with Dual Lens Chip on tip Technology
 - l) Should be compatible for real time observation of capillary vessels and fine patterns in the superficial layer of mucosa for early detection of lesions
 - m) Should also have a facility to connect routine HD 3 CMOS 3 chip camera head for surgery for use with non-video telescopes for routine 2D applications when 3D is not desired.
 - n) Should also be compatible with Flexible Videoscopes
 - o) The processor should have an integrated LED light source with lamp life of 10000 hours and more
 - p) The 3D scope should have Light Cable and Camera connectors


Dr. R. KALAYARASAN
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Assistant Professor
Surgical Gastroenterology
AIIMS, Bhubaneswar

q) The 3D scope should be light weight & easy to handle

2. 3D Monitors

a) **55" 3D4K Medical Grade Monitor (one number):** Should have

- Resolution of 3840x2160 (UHD) in 55" screen for both 3D & 2D images
- LED backlit with LCD IPS Panel Technology
- Opti-contrast Panel for higher contrast image with less color blurring
- Facility to upscale HD/SD signals to 4K resolution
- 16:9 Aspect Ratio
- Auto detection of color gamut between BT-709 & BT-2020 for 3D/2D HD & 4K/HD signals
- Support various 3D output formats like 3G(Dual Stream), Line by Line, Side By Side and Top & Bottom formats
- 3D PIP/POP multi-image display options including two screens with a main 3D/2D and sub 2D picture, or three screens with three 2D pictures. 3D pictures can also be rotated 180 degrees (image flip)
- Input terminals, including BNC(x5)(3G/HD/SD- SDI) DVI-D and HDMI
- Output terminals, including BNC(x5)(3G/HD/SD- SDI) and DVI-D
- Should be supplied with movable stand

b) **31.5 INCH 3D monitor - 1 number**

- The 3D Monitor should be Full HD with 31 inch or above in screen size
- The 3D monitor should necessary inputs for 3D Image display
- The 3D monitor should have necessary HD output for 3D image transmission
- The 3D monitor should have brightness adjustment feature when switch between 2D/3D image
- The system should be supplied with 20 nos. of light weight polarized glasses

Dr. Prashant Patil
Assistant Professor
Surgical Gastroenterology
AIIMS, BHUBANESWAR

DR. PRASHANT PATIL
DEPT. OF UROLOGY
AIIMS, BHUBANESWAR

Dr. R. KALAYARASAN
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Dept. of Surgical Gastroenterology
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3) 3 CMOS Autoclavable camera head

- a) The camera head should be compatible for real time observation of capillary vessels and fine patterns in the superficial layer of mucosa for early detection of lesions,
- b) The full HD camera head should be of Eye piece type & have resolution of 1920x1080 pixels.
- c) Should have Digital / Manual focus function which can be varied seamlessly from course to fine image.
- d) Camera Head & coupler should be one piece & should be Autoclavable
- e) Should be ICG/IR compatible

4) Flexible Video Cholescope with Chip on Tip technology :

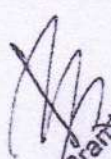
- Should be chip on technology
- Should be compatible for observation of capillary vessels and fine patterns in the superficial layer of mucosa for early detection of lesion
- Should offer 120 degrees field of view with forward viewing direction of view.
- The depth of field should be between 3-100 mm
- Should offer built-in 2 mm instrument channel
- Should offer angulation range up to 160 degree in upwards direction and 130 degrees in downward direction in the bending section
- Should have Outer diameter of insertion tube should be 5.2 mm
- Should be supplied with Grasping basket & Biopsy forceps & leakage tester compatible with the scope – 1 number each.

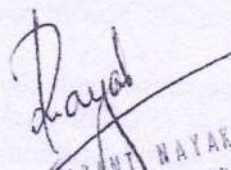
5) IR Fleurosense compatible Telescopes Angle of view with Autoclavable Tray

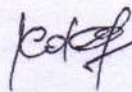
- a) 30° Diameter 10 mm, Autoclavable - 1 Number

6) HD Telescopes: 1 nos. each supplied with Autoclavable Tray

- a. Forward-Oblique Telescope 30° enlarged view, diameter 5mm, length 29-33 cm, autoclavable, Fiberoptic light transmission incorporated


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Dr. R. KALAYARASAN
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- b. Telescope 45°, enlarged view, diameter 10 mm, length 30-33 cm, autoclavable, Fiberoptic transmission, incorporated

7) Light sources for ICG Application & White Light application –

- a. Should have a light source with IR Fluorescence, to keep Laparoscopy field brighten by providing adequate white light intensity which automatically adjusts light intensity to achieve ideal illumination.
- b. Should be supplied with 2 number light guide cables for routine procedures

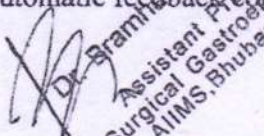
8) Full HD Recording Device for 3D & 2D recording system: 1 no.

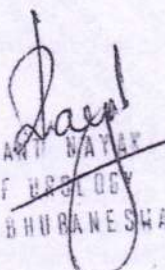
Should have following specifications-

- a) It should be Full high definition dual channel real time recording facility on video recording device to record, store & transmit 3D videos & images.
- b) Should have internal hard disk drive of 4 TB or more and should have facility of recording on Blu Ray Disc / DVD Disc or USB memory stick if required by user.
- c) The recorder should have at least two inputs of DVI, HD-SDI for recording from various sources on 2 channels.
- d) Should have a voice over lay feature
- e) Should also have an facility for one channel audio recording in real time with Endoscopy image
- f) Should be able to edit the archived videos like cutting , cropping etc.,
- g) It should have touch screen with screen size of 7 inch or more

9) High Flow Co2 Gas 45 L/min or more Insufflator: - 1 no.

- a) Should have following specifications Should be digital, microprocessor controlled & automatic type
- b) Large digital display on front panel for status checking
- c) Powerful Insufflator flow rate of 45 L/Min or more required
- d) Automatic feedback control for any malfunction.


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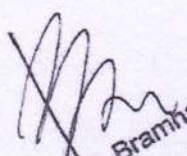
- e) Should have smoke evacuation available in the system or separate smoke evacuation system should be offered
- f) Automatic gas heating to body temperature through either inbuilt heating system or through external heating system
- g) Should be supplied with Insufflator tubing sets - 3 sets, with each machine

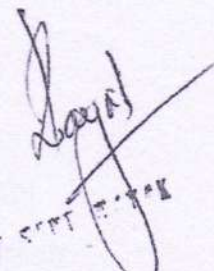
10) Trolley (video cart) should be supplied for the system OEM -1 no.

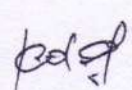
- a. Made of Stainless Steel/ Epoxy coated metal with minimum 4 shelves.
- b. Portable on 4 antistatic dual castors, 2 with locking brakes & should have an isolation transformer
- c. Should have minimum 3 shelves or more & should have an swivel arm
- d. Should have anti- static strong wheels.
- e. Trolley should be supplied from same principle manufacturer of scopes.

Note All quoted items should be European CE Marked /BIS/FDA approved.

- 1. Should be covered under 5 years warranty and CMC
- 2. System should also be provide with Suitable rating servo voltage stabilizer for voltage regulation


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PROPRIETARY ARTICLE CERTIFICATE

Date: 03-03-2020

Ref: OMSI/19-20/1587

To,
The Director,
All India Institute of Medical Sciences,
Sijua, Bhubaneswar,
Odisha - 751019

Subject: - **Proprietary Article Certificate For LTF-S300-10-3D : Deflectable
Videoscope 3D, 10mm (Flexible tip 10 mm 3D Scope)**

Dear Sir,

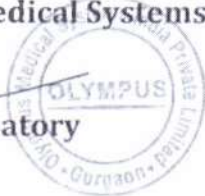
We do hereby certify that below mentioned item is of proprietary Item of M/s. Olympus Medical Systems. This is **3D scope with Deflectable video scope with flexible tip for angulation and movement of up, Down, right and left respectively** and having **NBI : Narrow Band Imaging system** is being manufactured by M/s. Olympus Corporation having their office at Shinjuku Monolith, 3-1 Nishi-Shinjuku, 2- chrome, Shinjuku-ku , Tokyo- 163-0914, Japan.

This item is proprietary of Olympus Corporation, Japan.

Thanking you,

For Olympus Medical Systems India Pvt. Ltd.,

Authorised Signatory




Dr. Bramhadatta Pattnaik
Assistant Professor MS, MCh
Surgical Gastroenterology
AIIMS, Bhubaneswar

Ref. No.:SP/2018-19/1593

Dated: 05-03-2020

To,
The Director,
All India Institute Of Medical Sciences,
At- Sijua (Patrapada),
Post : Dumudumu,
Bhubaneswar (Odisha) - 751 019

Sub: Budgetary quotation for Olympus items

SR. NO.	OT Code	Part Code	HSN Code	ITEM DESCRIPTIONS	QTY in Box	Tax	UNIT AMOUNT (RUPEES)	Total Amount (RUPEES)	Tax Applicable
1	N5781330	LTF-S300-10-3D	9018	LTF-S300-10-3D	1	12%	14,31,747	14,31,747	1,71,810
2	WA50082A	WA50082A	90189044	Video telescope "ENDOEYE 3D", 30°	1	12%	15,27,869	15,27,869	1,83,344
3	N5426960	OTV-S300 PAL W/O POWER CORD (EN)	90189044	OTV-S300 PAL W/O POWER CORD (EN)	1	12%	14,36,121	14,36,121	1,72,335
4	N5766560	CH-S200-XZ-EA	90063000	Camera Head	1	18%	9,88,032	9,88,032	1,77,846
5	A10000001 030	LMD-X550ST	85285900	3D 4K monitor 55" with stand	1	28%	26,95,851	26,95,851	7,54,838
6	A10000001 000	EX3220-3D Monitor	85285900	EX3220-3D Monitor	1	28%	10,92,121	10,92,121	3,05,794
7	N5427060	CLV-S200-IR	90189044	Light Source	1	12%	5,17,642	5,17,642	62,117
8	WA03310A	WA03310A	85444999	Light guide Cable,4.25mm, 3m,CF Type	2	18%	91,536	1,83,072	32,953
9	N3647300	MAJ-1941	85444999	LIGHT SOURCE CABLE	1	18%	14,940	14,940	2,689
10	N5402300	MAJ-2254 (8.5m)	85444999	8.5 m Cable	1	18%	32,267	32,267	5,808
11	N3829660	UHI-4 220-240V (S)	90189044	UHI-4 High Flow Insufflation Unit 220-240V	1	12%	4,35,703	4,35,703	52,284
12	WA58670A	WA58670A	90189044	Gas preheater "GSH-2", 230 V,	1	12%	1,39,866	1,39,866	16,784
13	N4457730	MAJ-1949	85365090	Smoke evacuation foot switch	1	18%	59,424	59,424	10,696

Contd...../ 2

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// 2 //

14	WAIR130A	WAIR130A	90189044	Telescope "IR", 10 mm, 30°	1	12%	3,08,100	3,08,100	36,972
15	WA53010A	WA53010A	90189044	Telescope, 10 mm, 45°, HD, qui	1	12%	2,15,890	2,15,890	25,907
16	WA50373B	WA50373B	90189044	Telescope, 5.4 mm, 30°, autocl	1	12%	2,03,870	2,03,870	24,464
17	N3818560	IMH-200	90189099	Image Management Hub for HD recording with 4 TB internal memory and 7 inch LCD touch panel	1	12%	9,44,588	9,44,588	1,13,351
18	K10029898	TC-C4 Trolley Row Set-4	94029090	TC-C4 Trolley Row Set-4	1	18%	2,24,093	2,24,093	40,337
19	K10026879	MAJ-2147 Compact LCD	85299090	MAJ-2147 Compact LCD Monitor Arm	1	18%	43,325	43,325	7,799
20	N5791130	CHF-V2 (EN) (ASIA)	90189044	CHOLEDOCHO VIDEOSCOPE	1	12%	10,93,146	10,93,146	1,31,178
21	3D Glasees ,Hard disk CO2 tubing,cabl es etc	3D Glasees ,Hard disk CO2 tubing,cables etc	90189044	3D Glasees ,Hard disk CO2 tubing,cables etc	1	12%	1,00,000	1,00,000	12,000
Total							1,36,87,666	23,41,305	
Taxes as per GST							23,41,305		
Total Price							1,60,28,971		
(Rupees One Crore Sixty Lakh Twenty Eight Thousand Nine Hundred and Seventy One only)									

CMC Rate for above mentioned items

	Total Amount (Rupees)
CMC Rate for 1 year (Rs.)	4,83,585.00
CMC Rate for 5 years (Rs.)	24,17,926.00
GST @ 18%	4,35,227.00
CMC Rate with Tax @ 18% (Rs.)	28,53,153.00
(Rupees Twenty Eight Lakh Fifty Three Thousand One Hundred & Fifty Three only)	

TERMS & CONDITIONS :

As per standard Tender Terms and conditions followed by AIIMS, Bhubaneswar.

For Olympus Medical Systems India Pvt. Ltd.

Authorised Signatory

Dr. Brahmhadatta Pattnaik
Assistant Professor
Surgical Gastroenterology
AIIMS, Bhubaneswar