



भारत सरकार/Government of India
स्वास्थ्यऔर परिवारकल्याणमंत्रालय/ Ministry of Health and Family Welfare
प्रधानमंत्री स्वास्थ्य सुरक्षा योजना/PMSSY
अखिलभारतीयआयुर्विज्ञानसंस्थान/All India Institute of Medical Sciences
मंगलगिरि, आंध्रप्रदेश/Mangalagiri, Andhra Pradesh

www.aiimsmangalagiri.edu.in

File No. AIIMSM-GENS/PRCT(NDPR)/5/2026/General Surgery

Date: 25.08.2026

Call for Objection

Subject: Inviting comments/objections, if any, before declaring a proprietary article for the procurement of **Laparoscopy Surgery System with ICG** for the Department of General Surgery AIIMS Mangalagiri.

The Department of General Surgery, AIIMS Mangalagiri, has to procure a “**Laparoscopy Surgery System with ICG**” on a Proprietary Article basis.

The proposal submitted by **M/s. Vishal Surgical Equipment Company, Shakuntala Square, Begumpet, Secunderabad – 500016** is the authorized Distributor partner of the sole manufacturer, i.e., **M/s. Karl Storz SE & Co. KG, Tuttlingen, Germany**, along with the Proprietary Article Certificate, is attached & uploaded on the Institute website.

The above documents are being uploaded for open information to submit objections/comments, if any, from any manufacturer/supplier before declaring proprietary articles of the said equipment/items to be procured, within 10 days (**i.e. 03-09-2026**) from the date of issuance/uploading of the notification.

The objection should be raised in the technical compliance sheet as enclosed in **Annexure-I**, if any Firm claims the suitability of their product with respect to the specification mentioned.

The comments should be sent to the office of the Procurement Cell, Room no: 2151, Logistic block at AIIMS Mangalagiri in a sealed envelope with the above reference on or before **03-09-2026** up to 05:00 PM from the date of uploading on the institutional website, failing which it will be presumed that any other manufacture/vendor is having no comment to offer and case will be decided on merits.

-sd-

AAO (Procurement cum Stores)
AIIMS Mangalagiri

P-3 form

(To be attached with P-2 Form for proprietary items)

AIIMS Mangalagiri

PROPRIETARY ARTICLE CERTIFICATE

I would like to strongly recommend the procurement of the TIPCAM™1 RUBINA high-resolution autoclavable videoscope with dual distally integrated video chips (0°/30°, 10 mm, 32 cm) along with the RUBINA Lens Model TH020 manufactured by KARL STORZ SE & Co. KG, Tuttlingen, Germany.

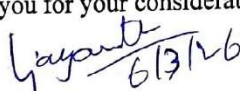
This equipment is a proprietary and fully integrated fluorescence-guided imaging platform designed to function with the existing RUBINA imaging ecosystem (Models TC201, TC304, TL400 & TH121) available in our operating theatres. Procurement of this specific system is therefore essential to maintain technical compatibility, image quality, and workflow continuity.

Additionally, the hand-held TH020 RUBINA lens enables 2D exoscopic fluorescence visualization, which is particularly valuable in open procedures, reconstructive surgery, and situations where conventional endoscopy is not feasible.

Considering the growing emphasis on fluorescence-guided precision surgery, reduction of anastomotic complications, improved oncologic clearance, and enhanced patient safety, this system will significantly strengthen our surgical capabilities, training potential, and research outcomes.

In view of its proprietary nature, compatibility with existing infrastructure, and clear clinical benefits, I strongly recommend approval for procurement of this specific KARL STORZ RUBINA ICG imaging system.

Thank you for your consideration.


Signature of The Indenter

Date: 06/03/2026

Designation: ASSISTANT PROFESSOR

Department: GENERAL SURGERY

Dr. LAVU JAYANTH
Regn. No: 87765
Assistant Professor
Department of General Surgery
All India Institute of Medical Sciences
Mangalagiri, Guntur: 522 503, A.P. India.

N.B. The indenter before recording the above certificate should satisfy himself that the article is genuinely of proprietary nature manufactured under patent laws.

KARL STORZ SE & Co. KG • PO Box 230 • 78503 Tuttlingen/Germany

To whom it may concern



Your ref.

Date of your letter

Our ref.
KEJ

Date
02/20/2020

PROPRIETARY ARTICLE CERTIFICATE

This is to certify that the **TIPCAM®1** Rubina high-resolution autoclavable videoscope with two distally integrated video chips and a direction of view with 0° or 30°, Ø 10 mm, length 32, including **OPAL1®** NIR/ICG, 4K and 3D imaging as well as the Power LED Rubina for white light and NIR/ICG excitation including two LEDs for use with **IMAGE1 S™** CONNECT II and **IMAGE1 S™** 4U-LINK are the proprietary products of **KARL STORZ SE & Co. KG**.

KARL STORZ SE & Co. KG
Dr.-Karl-Storz-Straße 34
78532 Tuttlingen/Germany

Office Address:
KARL STORZ SE & Co. KG*
Dr.-Karl-Storz-Straße 34
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www.karlstorz.com

Bank Accounts:
Volksbank Schwarzwald-Donau-Neckar eG
SWIFT: GENO DE331TUT
IBAN: DE97 6438 0130 0000 7720 03
Commerzbank AG Tuttlingen
SWIFT: COBA DE FF 643
IBAN: DE99 6438 0011 0271 3305 00

Kreissparkasse Tuttlingen
SWIFT: SOLA DES 1 TUT
IBAN: DE79 6435 0070 0000 0013 22
Deutsche Bank AG Tuttlingen
SWIFT: DEUT DE338663
IBAN: DE08 6537 0075 0211 6390 00

Limited Partnership:
KARL STORZ SE & Co. KG
Dr.-Karl-Storz-Straße 34
78532 Tuttlingen/Germany
Place of Business: Tuttlingen
Commercial Register:
Stuttgart HRA 450442
VAT-ID-No. DE 142931059
WEEE Reg.-No. DE 74465858

Unlimited Partner:
KARL STORZ Verwaltungs SE
Dr.-Karl-Storz-Straße 34
78532 Tuttlingen/Germany
Place of Business: Tuttlingen
Commercial Register: Stuttgart HRB 762524
Managing Director:
Karl-Christian Storz
Chair of the Supervisory Board:
Dr. h. c. mult. Sybil Storz

KARL STORZ Endoscopy India Private Ltd. • 28, Barakhamba Road • New Delhi-110 001

To,

Dated: 21.08.2026

**The Director,
All India Institute of Medical Sciences,
Mangalgiri
Guntur**

Dear Sir/Madam,

Sub.: Authorization— Reg.

Ref: 1.Quotation No: 299/ 2026 - 2027 /Ashok, Dated 30.05.2026
2. Email dated - 13.06.2026 of All India Institute of Medical Sciences.

We Karl Storz Endoscopy India Pvt Ltd., 100% subsidiary of Karl Storz SE & Co. KG Germany who are established and reputable manufacturers of medical equipment having factories at Germany, USA, Switzerland and Estonia do hereby authorize M/s. Vishal Surgical Equipment Co., D.No 1-8-304 to 307 /2, "Shakuntala Square", Patigadda Road, Near NTR Statue.

Cat No's

1. TC201-IN - IMAGE1 S CONNECT II
2. TC304-IN - IMAGE1 S 4U-LINK
3. TH121 - IMAGE1 S 4U RUBINA, OPAL1 NIR/ICG
4. TL400 - Power LED RUBINA, OPAL1 NIR/ICG
5. 495TIP - Fiber Optic Light Cable, 300 cm, Ø4.8 mm
6. TM343 - 32" 4K Monitor
7. 9832SFH - Monitor Stand for 32" Monitors
8. 26003BRA - HOPKINS RUBINA 30°, NIR/ICG, Ø 10 mm
9. 26003ARA - HOPKINS RUBINA 0°, NIR/ICG, Ø 10 mm
10. 26331120-1 - HAMOU ENDOMAT SCB
11. UP008 - Tubing Set, irrigation, PC
12. UP007 - Tubing Set, irrigation, FC
13. 26331142 - Silicone Tubing Set, suction
14. 20300050 - Suction Bottle, 5 l, sterilizable
15. 20300034 - Bottle Cap, 1.5 and 5 l
16. 20300032 - Bottle Stand, for bottle 5 l

Corporate & Registered Office:
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CIN No.: U33119DL1998PTC092006
www.karlstorz.com

KARL STORZ Endoscopy India Private Ltd. • 28, Barakhamba Road • New Delhi-110 001

18. TH020	-	RUBINA Lens, NIR/ICG Exoscope 90°
19. UI500	-	ENDOFLATOR 50
20. UI007	-	Insufflation Tubing Set, ENDOFLATOR 50
21. 20400027	-	CO2 High Pressure Tube, 102 cm
22. UI004	-	Insufflation Tube
23. IN-LINE FILTER	-	Insufflators In-Line Filter
24. 26120JL	-	VERESS Pneumoperitoneum Needle
25. 30103MP-IN	-	Trocar, size 11 mm
26. 7616690-10	-	Sealing Cap
27. 30160MP-IN	-	Trocar, size 6 mm
28. 6127590-10	-	Sealing Cap
29. 30141DB	-	Reducer 11/5mm
30. 33351MD-IN	-	CLICKLINE KELLY Grasping Forceps
31. 33352G-IN	-	CLICKLINE Grasping Forceps
32. 33351CC-IN	-	CLICKLINE CROCE-OLMI Grasping Forceps
33. 34351MS-IN	-	CLICKLINE METZENBAUM Scissors
34. 34310MS-D	-	CLICKLINE Scissors Insert
35. 26173BN	-	Suction and Irrigation Tube, 36 cm
36. 26775UF	-	Coagulating and Dissecting Electrode
37. 26775UE	-	Coagulating and Dissecting Electrode
38. 26173KAF	-	Macro Needle Holder, 5 mm, 33 cm
39. 30444ET	-	Clip-Applicator
40. 26002M	-	Unipolar High Frequency Cord, 300 cm
41. 30623F	-	Fan Retractor, dismantling, 5 mm
42. 33562FS-IN	-	CLICKLINE Claw Forceps
43. 34561GS	-	CLICKLINE Spoon Forceps
44. 38651MD	-	ROBI KELLY Grasping Forceps
45. 26176LV	-	Bipolar High Frequency Cord, 300 cm
46. 26173AM	-	Fascial Closure Instrument, 2.8mm, 17cm

No company or firm or individual other than M/s. Vishal Surgical Equipment Co. are authorized to bid, negotiate and conclude the contract in regard to this business.

For KARL STORZ Endoscopy India Pvt. Ltd.


Authorized Signatory

Specification for Laparoscopy Surgery System

1.	Camera Processor The processor for following should be quoted: a) 2-Dimensional endoscopic video camera in 4K resolution (3840*2160) b) Compatible for 3-Dimensional endoscopic video camera in 4K resolution (3840 *2160) c) Slot for Video Exoscopes Digital Scopes/Chip on tip • System should have facility for Optical Contrast Differentiation System, and it Should have special filter for observation of capillary vessels and fine patterns in the superficial layer of mucosa for early detection of lesions. • System Should be capable of Near Infrared fluorescence Imaging (ICG application) with below features: a) Overlay: White light image with superimposed display of NIR/ICG fluorescence. Possible to select the preferred color for NIR/ICG imaging: Either blue or green. b) Monochromatic: NIR/ICG fluorescence signal in white. Background in black for maximum contrast. c) Intensity Map: White light image with superimposed display of NIR/ICG fluorescence. NIR/ICG signal display will appear in different colors depending on the strength of the detected NIR signal. • Picture in Picture of visualization modes with Standard and Optical Contrast Differentiation. • Automatic adjustment of light intensity of light source and controlled from Camera head. • Outputs: All Compatible outputs should be there (12GSDI, D.P) for 4K resolution and DVI for HD resolution.										
2.	4K Camera Head Technical Specifications: <table style="width: 100%; border: none;"> <tr> <td style="width: 40%;">Pixels:</td><td>3840 X 2160 Pixels</td></tr> <tr> <td>AGC:</td><td>Microprocessor controlled.</td></tr> <tr> <td>Lens:</td><td>Integrated Zoom Lens f = 19 mm</td></tr> <tr> <td>Color Space:</td><td>BT.2020 emulation</td></tr> <tr> <td>Control buttons:</td><td>3 (2 of them freely programmable).</td></tr> </table> Camera Head Should be able to perform both White light and Near Infrared application.	Pixels:	3840 X 2160 Pixels	AGC:	Microprocessor controlled.	Lens:	Integrated Zoom Lens f = 19 mm	Color Space:	BT.2020 emulation	Control buttons:	3 (2 of them freely programmable).
Pixels:	3840 X 2160 Pixels										
AGC:	Microprocessor controlled.										
Lens:	Integrated Zoom Lens f = 19 mm										
Color Space:	BT.2020 emulation										
Control buttons:	3 (2 of them freely programmable).										
3.	32 Inch Monitor ALL in one Medical Grade Monitor capable of displaying: • 2D in 4K resolution • 2D in Full HD resolution Should be supplied with monitor stand. Certified to: ANSI/AAMI ES60601-1:2005, UL 60601-1, CAN/CSA C22.2 NO.60601-1:14 und EN 60601-1. CE label according to MDD, class I.										

4.	LED Light source with Fiber optic cable
	• Should have Lumen >2000 • Lamp life of approx. 30,000 hrs. • 4.8mm Fiber Optic Cable and 300cm Long – 02No. • Should have touch display which provides an intuitive & user-friendly interface that directly displays relevant data. • Camera Head should have an adaptive zoom facility for full screen image. • Lamp type: High-performance LEDs, white light LED and near infrared LED, which are active individually or simultaneously. • Certified To: - IEC 601-1 & UL 544 CE According to MDD, protection class 1/CF
5.	TELESCOPES for 2D (one each)
	• Forward obliqued 0Degree and 30Degree Telescope, ICG fluorescence Compatible diameter 10 mm, Autoclavable, Length 29-31 cm, fiber optic light transmission incorporated. • Forward obliqued 0Degree and 30Degree Telescope, ICG fluorescence Compatible diameter 5 mm, Autoclavable, Length 29-31 cm, fiber optic light transmission incorporated.
6.	Suction & Irrigation system:
	• Pressure regulated suction and irrigation system. • Unit should have with touch screen as user interface. • The unit should be with the feature of automatically fixing maximum parameters for LAPROSCOPY by the choice of tubing. • Unit should have features of simultaneous display of set values and actual values, enabling users for continuous monitoring of suction and irrigation parameters. • Should have feature of use of reusable cassette tubing set for LAPROSCOPY procedures. • The unit should be supplied with a 5lt glass suction bottle, bottle cap, bottle stand and bottle holder. • Unit should have Pressure settings: LAPAROSCOPY mode: 100/300/500 mmHg • Unit should have Flow settings: LAPAROSCOPY mode: 0-1300ml/min • Suction Pressure regulated: • LAP: 0.1-(-)0.8bar(-80kPa) • Power supply: 100-240VAC, 50/60HZ • Certified to: IEC 601-1, CE nach MDD
7.	CO2 INSUFFLATOR
	<u>Technical Specifications:</u> • Gas flow: 0-50 l/min. • Pressure: 0-30 mmHg (4000Pa). • High flow mode (0 to 50 l/min.)

	• Sensitive mode pressure 15 mm hg & flow 15 l/min for sensitive application • Electronic control and colour touch screen. • Following data are displayed on touch screen: - Insufflation mode. - Set value pressure (0-30 mmHg). - Current patient pressure. - Set value gas flow (0-50 l/min). - Current gas flow. - Gas consumption (0-999 l). - Status of gas heating. • Reusable insufflation tube for heating the CO2 gas up to patient body temperature. • High flow mode with flow performance up to 50 l/min. • Individually programmable procedure list for starting device with personal presets. • Easy and intuitive use with user friendly colour touch screen 7 inch for easy and precise setting of set values for pressure and flow and of insufflation mode, as well as for clear display of corresponding set values and actual values. • Optical and acoustic alarm signals in the event of patient overpressure. • Should have pin index connection hose pipe.	
8.	Equipment Cart.	
	- 4 more shelves - Isolation transformer - Counter balance plate - Monitor holding arms for monitors (central)	
9.	Hand Instruments	Qty
	Veress Pneumoperitoneum Needle with spring loaded blunt stylet, Luer-lock, length 13 cm & 15 cm	1
	Trocar, size 11 mm, with consisting of: Trocar only, with pyramidal tip Cannula without valve, with insufflation stop- cock, length 10.5 cm, Multifunctional Valve with sliding locking mechanism to cannula, With Washers pack of 10	2
	Trocar, size 6 mm, consisting of: Trocar only, with pyramidal tip Cannula without valve, with insufflation stop- cock, length 10.5 cm, Multifunctional Valve with sliding locking mechanism to cannula with washer pack of 10	2
	Reducer 11/5 mm	1
	Three-part dismantable laparoscopic Dissecting and Grasping Forceps, rotating, with connector pin for unipolar coagulation, size 5 mm, length 36 cm, double action jaws, jaw length 16 mm consisting of: Plastic handle without ratchet, Insulated Outer Tube, Forceps Insert	1
	Three-part dismantable laparoscopic Grasping Forceps, 2 x 4 teeth, rotating, with connector pin for unipolar coagulation, size 5 mm, length 36 cm, double action jaws, jaw length 14 mm consisting of: Plastic handle with ratchet, Insulated Outer Tube, Forceps Insert	1
	Three-part dismantable laparoscopic Grasping Forceps, rotating, dismantling, insulated, with	1

connector pin for unipolar coagulation, with Luer-Lock connector for cleaning, single action jaws, atraumatic, fenestrated, curved, size 5 mm, length 36 cm, jaw length 27 mm consisting of: Plastic handle without ratchet, Insulated Metal Outer Sheath, Forceps Insert,	
Three-part dismantable Scissors, rotating, dismantling, insulated, with connector pin for unipolar coagulation, with LUER-Lock connector for cleaning, double action jaws, curved, length of blades 15 mm, size 5 mm, length 36 cm consisting of: Plastic Handle, insulated, without ratchet, Insulated Metal Outer Sheath, Scissors Insert	1
Single use scissor insert Pack of 10 (1X10)	1
Trumpet type Suction and Irrigation Tube for single hand control size 5 mm, length 36 cm	1
Coagulation and dissecting electrode L shaped with connector pin for unipolar coagulation with detachable tip pack of six, size 5 mm length 36 cm	1
Coagulating and Dissecting Electrode, spatula-shaped, blunt with connector pin for unipolar coagulation, size 5 mm, working length 36 cm	1
Needle Holder, ergonomic pistol handle with disengage able ratchet, ratchet position on left, jaws curve to left, with tungsten carbide insert 5 mm, length 33cm	1
Clip applicator (for LT 300& 400) dismantable rotating size: 10mm, length 36cm, for Titanium clips with ratchet to lock the jaw holding the clip.	1
Unipolar HF Cord with 4mm Banana plug and length 300 cm	2
Dismantling Fan Retractor, distendable, size 10 mm, length 36 cm.	1
Three-part dismantable Claw Forceps, size 10 mm, length 36 cm, 2 x 3 teeth, single action jaws, jaw length 35 mm, consisting of: Metal Handle with ratchet, Insulated Outer Tube, Forceps Insert,	1
Three-piece laparoscopic autoclavable forceps for retrieving gallstones, double action jaws with 360-degree rotational sheath, size 10 mm, length 36 cm long, ergonomic metal handle with plastic finger rings with larger contact area at the finger ring to avoid pressuresores, can be dismantled with the press of a button.	1
Three-part dismantable Rotatable bipolar Grasping Forceps, rotating with connector pin for bipolar coagulation, double action jaws, especially suitable for dissection, size 5 mm, length 36 cm, jaw length 19 mm, consisting of: Plastic Handle, without Ratchet, Outer Sheath Forceps Insert,	1
Bipolar HF Connecting Cable length 300 cm, compatible with all standard cauteries	1
Fascial Closure Instrument for sub cutaneous ligature of trocar incisions.	1
Note: All Equipment's Should be certified by US FDA / European CE notified body / BIS. Camera, Monitor, Light Source, Telescope, Suction Irrigation Device, Insufflator and Equipment Cart should be from Same manufacturer for better compatibility and outcome. At least 80% of Hand Instruments should be from same manufacturer. Service center and service process should be certified as per standard ISO (ISO 13485: 2016).	

ANNEXURE – I**SPECIFICATIONS**

Objections should be submitted in the following format:

S. no	Item specification as given	Specification offered by the firm	Deviation if any	Remarks