



अखिल भारतीय आयुर्विज्ञान संस्थान
ALL INDIA INSTITUTE OF MEDICAL SCIENCES
साकेत नगर भोपाल (मध्यप्रदेश) – 462020
Saket Nagar, Bhopal (M.P.) – 462020
web site: www.aiimsbhopal.edu.in



AIIMS, BHOPAL CENTRAL STORES DEPARTMENT
Dispatch No. 3061
Date: 19/01/2024

Stores/AIIMS/BPL/Pediatric Surgery - PAC/Rule 166(i) /2023-24/ 3061

Dated: 19/01/2024

Subject: Purchase of Equipment, 4K Laparoscopic Endovision system 2D & 3D with exoscope – 01 Nos.,
Make – M/s KARL STORZ GmbH & Co. KG, Mittelstraße 8, D-78532 Tuttlingen, Germany, on
Proprietary basis-Inviting comments thereon.

The request received from **Department of Pediatric Surgery**, AIIMS Bhopal, for the purchase of captioned Item from (OEM) M/s KARL STORZ GmbH & Co. KG, Mittelstraße 8, D-78532 Tuttlingen, Germany, and through its owned subsidiary M/s KARL STORZ Endoscopy India Pvt. Ltd., New Delhi and through its authorized Distributor/Agent M/s Arsh Traders, Opposite Hamidia Hospital, Bhopal – 462001 (MP), India on Proprietary basis.

The Notice is being uploaded for general information of Aspirant Manufacturer/Dealer/Distributor to submit their objections/proposal, if any, on proprietorship of these items.

In case, the product of any Manufacturer/Authorized distributor/dealer conforms to the enclosed specifications, they may submit their proposal for the supply same Equipment/Item along with the following:-

- Details of the required product brochure.
- Point-by-point compliance of the enclosed specifications, along with all relevant documentary evidence;

The objection/ proposal should be sent in sealed cover to the I/c Senior Procurement cum Stores Officer, Central Stores, Service Building, First Floor, AIIMS- Bhopal, Saket Nagar, Bhopal (462020) so as to reach on or before 02/02/2024 up to 17:00 Hrs., failing which it will be presumed that no any other vendor is interested to offer comments/protest and case will be decided accordingly on its merit.

The reference No.: Stores/AIIMS/BPL/Pediatric Surgery - PAC/Rule-166(i) /2023-24/3061 dated: 19/01/2024, due on 02/02/2024 should be super scribed on sealed envelope.

Yours faithfully,


I/c Senior Procurement cum Stores Officer, Central stores
For and on behalf of Executive Director, AIIMS Bhopal

वरिष्ठ क्रय सह भंडार अधिकारी
Sr. Procurement Cum Stores Officer
केन्द्रीय भंडार विभाग
Central Stores Department
एम्स, साकेत नगर, भोपाल (म.प्र.)
AIIMS, Saket Nagar, Bhopal (M.P.)

- Encl:** 1. Authorization Certificate
2. PAC Certificate
3. Schedule of requirement
4. Technical Specification

Authorization Certificate



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STORZ
KARL STORZ — ENDOSKOPE

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

AUTHORIZATION LETTER

To,
Executive Director,
AIIMS
Bhopal – Madhya Pradesh

Dated: 21.11.2023.

Sub. Authorization Letter

Dear Sirs,

We, KARL STORZ ENDOSCOPY INDIA PVT.LTD 100% wholly owned subsidiary of KARL STORZ SE&CO KG, GERMANY who are proven and reputable manufacturers of Endovision Camera System having factories at Germany hereby authorize M/s ARSH TRADERS, Opp Hamidia Hospital, BHOPAL to submit a tender/ Quotation, process the same further and enter into a contract with you against your requirement as contained for the above goods manufactured by us.

We also state that we are not participating directly in this Tender/ Quotation for the following reasons: We are quoting tender/ Quotation through our authorized channel partner.

We further confirm that no supplier or firm or individual other than M/s. ARSH TRADERS Opp Hamidia Hospital, BHOPAL is authorized to submit a tender/Quotation, process the same further and enter into a contract with you against your requirement as contained in the above referred TE documents for the above goods manufactured by us.

We also hereby extend our full warranty, if any, in the Special Conditions of Contract for the goods and services offered for supply by the above firm against this TE document.

We also hereby confirm that we would be responsible for the satisfactory execution of contract placed on the authorized dealer / distributor/ importer.

FOR KARL STORZ ENDOSCOPY INDIA PVT LTD

AUTHORIZED SIGNATORY

5211237-025

Corporate & Registered Office:
KARL STORZ Endoscopy India Private Ltd
11th Floor, Dr. Gopal Das Bhawan
28, Barakhamba Road
New Delhi-110 001 / India

Phone: +91 1143 7430 00
Tel. fax: 1000 1234 899
Fax: +91 11 4374 3010
E-Mail: corporate@kshstorz.in

Branch Office:
B-100, Ground Floor
Narela Industrial Area, Phase-1
New Delhi-110 028 / India
Fax: +91 11 2599 6965

CIN No.: U33112DL1998PTC022006
www.karlstorz.com



Proprietary Article Certificate

75
Years

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TO WHOM IT MAY CONCERN

PROPRIETARY ARTICLE CERTIFICATE

This is to certify and confirm that M/S KARL STORZ SE Co. KG, Germany is the sole manufacturer of "Extracorporeal 3D video system, cat. No. TH200, TC014, 28272HP (VITOM 3D system)" which can be used as a modular extension to existing IMAGE1 S surgical video towers as well as a stand-alone 3D visualization and documentation unit for microsurgery and surgery with minimal incisions.

The VITOM 3D is the proprietary product of M/S KARL STORZ SE Co. KG, Germany.

The product is presently imported into India by M/S KARL STORZ Endoscopy India Pvt Ltd. New Delhi for supplying to Government/ Private Institutions/ Hospitals and authorized to provide after sales service.

FOR KARL STORZ ENDOSCOPY INDIA PVT LTD


AUTHORIZED SIGNATORY

Dated: 17-1-2024

Corporate & Registered Office:
KARL STORZ Endoscopy India Private Ltd
11th Floor, Dr. Gopal Das Bhawan
29, Barakhamba Road
New Delhi-110 001 / India

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New Delhi-110 028 / India
Fax: +91 11 2569 6500

CIN No.: U35110DL1829FC002505
www.karlstorz.com



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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°, 0-10 mm, length 32, including OPAL1®NIR/ICG, 4K and 30 imaging as well as the Power LED Rubina for white light and NIR/ICG excitation including two LEDs for use with IMAGE1 S™ CONNECT 11 and IMAGE1 S™ 4U-LINK are the proprietary products of KARL STORZ SE & Co. KG.

FOR KARL STORZ ENDOSCOPY INDIA PVT LTD

AUTHORIZED SIGNATORY

Dated: 17-1-2024

Corporate & Registered Office:
KARL STORZ Endoscopy India Private Ltd.
11th Floor, E-1, Copal Das Bhaswan
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Fax: +91 11 43 74 32 10
E-Mail: corporate@karl-storz.in

Branch Office:
B-100, Ground Floor
Laxmi Industrial Area, Phase-1
New Delhi-110 028 / India
Fax: +91 11 2659 8006

CIN No.: U33211DL1992PTC010001
www.karlstorz.com



Schedule of requirement

S.No.	OEM	Description	Qty (Nos.)
01	M/s KARL STORZ GmbH & Co. KG, Mittelstraße 8, D-78532 Tuttingen, Germany	4K Laparoscopic Endovision system 2D & 3D with exoscope Make: KARL STORZ, Germany	01

*** * Note: Please don't quote the prices of the above schedule requirement * ***

Technical Specifications

4K Laparoscopic Endovision Camera System 2D & 3D with Exoscope for Pediatric Surgery

(Draft Specification)

Camera Processor -

Processor for following should be quoted:

- 2- Dimensional endoscopic video camera processor/link in 4K (3840*2160) or higher resolution- 1
- 3-Dimensional endoscopic video camera processor/link in 4K (3840 *2160) or higher resolution- 1
- 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:
 - White light image with superimposed display of NIR/ICG fluorescence.
 - Provision to select the preferred color for NIR/ICG imaging: either blue or green.
 - NIR/ICG fluorescence signal in white. Background in black for maximum contrast.
 - NIR/ICG signal display should appear in different colors depending on the strength of the detected NIR signal.
- Should have Picture in Picture visualization modes with Standard and Optical Contrast Differentiation.
- The system should have a facility of 3x Digital Zoom Lens or more.
- The system should have facility for capturing 4K UHD, HD Stills and FULL HD Videos in External USB/SSD drive.
- The system should have automatic adjustment of light intensity of light source and controlled from Camera head.
- Outputs: All Compatible outputs should be there (12GSDI, D.P) as a single output 4K resolution and DVI for HD resolution.
- All above instruments & equipment should be supplied from single manufacturer.

4K Camera Head: (01)

Technical Specifications:

- Pixels: 3840 X 2160 Pixels or better
- AGC: Microprocessor controlled.
- Lens: Integrated Zoom Lens $f = 19$ mm
- Colour Space Standard: BT.2020
- Control buttons: 3 (2 of them freely programmable).
- Camera head should be able to perform both White light and Near Infrared application.
- All the above instruments & equipment should be supplied from single manufacturer.

LED Light Source (01) with Fibre Optic Cable (02)

- Should have Lumens >2000
- Lamp life of 25,000 hrs or more
- Fiber Optic Light Cable, 300 cm, Ø4.8 mm
- Should have touch display to provide a user-friendly interface directly displaying relevant data.
- 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
- All above instruments & equipment should be supplied from single manufacturer.

Telescopes for 3D in 4K resolution with integrated camera head-(01)

- 3D imaging via two distal 4K sensors



<ul style="list-style-type: none">• Camera and Telescopes should be one piece• 10 mm 30 degrees• Switching of 3D to 2D should be available• Free from Focus and Depth of Field should be 30-200mm• Autoclavable.• Sterilization tray for the scope should be provided-01• Should be supplied with 3D glasses – 10 Nos.• Should have both White light and Near Infrared application. <p>Telescopes 2D: Autoclavable Telescopes should be quoted as below for White light and Near Infrared application.</p> <ul style="list-style-type: none">• 5mm 30 Degree Telescope – (01)• 3.3 mm Forward-Oblique Telescope 30°, enlarged view, length 25 cm, autoclavable- (01)
<p>32" Inch or bigger in size 3D 4K Monitor – (01) ALL in one Medical Grade Monitor capable of displaying:</p> <ul style="list-style-type: none">• 32 inch or more monitor size• 3D in 4K resolution• 2D in 4K resolution• 2D in Full HD resolution• 3D in Full HD resolution• Certified to: ANSI/AAMI ES60601-1:2005, UL 60601-1, CAN/CSA C22.2 NO.60601-1:14 and EN 60601-1.• CE label according to MDD, class I.• All above instruments & equipment should be supplied from single manufacturer.
<p>Exoscope –(01)</p> <ul style="list-style-type: none">• Exoscope with Integrated Illuminator, working distance up to 25 to 75cm in white light, 20 to 30cm for ICG light. Exoscope should be 10mm diameter 0 degree length 11 cm, autoclavable, with fiber optic light transmission incorporated and condensor lenses. Scope should be compatible with white light and ICG light.• Clamping Cylinder, folding, for flexible mounting of 10 mm telescopes to telescope sheath, autoclavable. The clamping cylinder should allow vertical movement and rotation of the telescope. For use with Clamping Jaw.• Clamping Jaw- metal, for use with Telescopes, clamping range 16.5 up to 23 mm, with fastener• L-shaped Articulated Stand- especially long operating range with one mechanical central clamp for all five joint functions, height 45-48 cm, operating range 62-66 cm.• Socket- to clamp on the operating table for use with European and United States standard rails also suited for rails from 25x10 up to 35x8 mm with lateral clamping element for height adjustment of the articulated stand• Plastic Container for Sterilization and Storage, container should be perforated with transparent lid. Container should be with silicone mat. The plastic container should be suitable for steam, gas and hydrogen peroxide sterilization.
<p>Documentation and Signal Management System-(01 set)</p> <ul style="list-style-type: none">• Medical grade documentation unit with CE.• Controllable via Touch screen of size 10" or more.• Capture video & images in 4K, UHD, Full HD, 3D & audio files.• Internal storage of 2TB & more.• Should have minimum of 8 inputs and 8 outputs.• All inputs and outputs• Should be capable of routing 4K, 3D and Full HD signals in native resolution.

Handwritten signatures and initials.

