

SCH 05. Integration and Data Management System for Modular OT with OT Light (Rfx no. 3000002188)

Sl. No	Tender Page & Para	TENDER SPECIFICATION	NAME OF THE FIRM	REPRESENTATION RECEIVED FROM THE BIDDERS	COMMITTEE RECOMMENDATION
1	Page 105 Para 1. b	Installation Requirement & Scope All communication should be through fiber-optic cable only.	Olympus Medical Systems India Private Limited	Kindly delete the "b" point as it is captured Point "c" or make it with copper wires or through fiber optic cable.	Amended as "Within OR room communication between devices console etc. can be done using any technology compatible with 3D, HD and 4K signals wherever applicable. However communication to any location outside OR should be through Fiber Optic.
			Karl Storz Endoscopy India Pvt Ltd	All communication should be through fiber cables / 12G SDI only.	
2	Page 105 Para 1. c	Installation Requirement & Scope All required fiber-optic cabling inside MOT and upto IT rack present outside of each MOTs are under bidder scope and Institute will provide OFC (Fiber Optic Communication) from each IT racks to server room/control room, doctor's lounges & auditorium, etc.	Olympus Medical Systems India Private Limited	Requesting you to kindly change it as: All required copper cabling / fiber-optic cabling inside MOT and upto IT rack present outside of each MOTs are under bidder scope and Institute will provide OFC (Fiber Optic Communication) from each IT racks to server room/control room, doctor's lounges & auditorium, etc. Remarks: We would like to mention that managing a signal, in the OT should be allowed on either on Copper wire or fiber optic, running the fiber optic inside the boom arm with OT light and Pendants also make them break down frequently as they fragile by nature. From IT server rack to all other place fiber optic is fine for signal transmission.	Amended as " All required cabling inside MOT and upto IT rack present outside of each MOTs are under bidder scope and Institute will provide OFC (Fiber Optic Communication) from each IT racks to server room/control room, doctor's lounges & auditorium, etc."
			Karl Storz Endoscopy India Pvt Ltd	Making cutouts, flushing on monitors and repainting should be in the scope of Modular OT vendor as it is not related to integration vendor.	No Change
	Page 105 Para 1. d	Installation Requirement & Scope Bidder should be responsible for all cut-outs, patch-panels, flushing of monitors, etc. and repairing & repainting of OTs thereafter (if required)	Karl Storz Endoscopy India Pvt Ltd	Cables Tranches, PVC conduits, electrical connection and supply should be in the scope of MOT vendor as these are done by MOT vendor, Data cables should be in Hospital IT scope.	No Change
	Page 105 Para 1. e	Installation Requirement & Scope Bidder has to provide all required tranches/ trays, PVC conduits for fiber optic cables, electrical cables, data cables, etc. with all necessary cabling required for integration system. MOT vendor will provide necessary cutouts as per approved drawing provided by Institute/consignee. MOT vendor will also provide dedicated MCBs/MCCBs minimum 2Nos for integration equipment in MOT Distribution Board(DB) rest cabling will be in the scope of integration vendor for integration equipment's.	Karl Storz Endoscopy India Pvt Ltd		No Change
3	Page 105 Para 2. a	2D & 3D Medical Grade Monitors - 32 inch or more Full High Definition (1920X1080p) medical grade monitor, flat panel LED/LCD Color screen to display both 2D & 3D Images and mounted on spring boom arm and second monitor should be mounted on OT Light 3rd arm.	STERIS HARMONY IQ	Please change the monitor size to 27" and more from 32". And display should 2D or 3D	Amended as "26 inch or more Full High Definition (1920X1080p) medical grade monitor should be mounted on OT Light 3rd arm. The 3D/4K Monitor(in MIS OT) should be mounted on ceiling suspended spring boom arm. Note: BOQ will be amended accordingly
			Karl Storz Endoscopy India Pvt Ltd	One 32" monitor should be placed on the top shelf of Surgical pendant, second monitor should be mounted on the third arm (AC3000) of OT light which should be capable of taking load of 18 Kg.	
	Page 105 Para 2. b	2D & 3D Medical Grade Monitors - 42 inch FHD (1920X1080p) medical grade color monitor should be flush mounted on OT wall with all necessary frames with Glass should be provided by bidder.	Karl Storz Endoscopy India Pvt Ltd	Integration vendor should provide dimensions of 42" monitor, flushing of monitor should be in the scope of MOT vendor.	No Change

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4	Page 105 Para 2.d	2D & 3D Medical Grade Monitors - Ceiling Boom Arm – Should be capable of holding 32inch monitors and all fixation related work for the same should be responsibility of bidder	STERIS HARMONY IQ	Request for the amendment from 32inch to 27 INCH and above	No Change Clarification: Boom are should be capable to take load of 32inch HD/3D/4K monitor
	Page 105 Para 3.a	Audio Video Communication System The MOT should be connected to Conference room/Other MOT/Doctors lounge/Etc. for video conferencing and live transmissions as per the requirement.	Karl Storz Endoscopy India Pvt Ltd	Public IP and LAN connection should be provided by Hospital.	No Change
	Page 105 Para 3.b	Audio Video Communication System The Audio-Video system should have the minimum 12 x 12 Digital with open architecture. The routing/Switch system should be able to integrate Full HD signal (e.g. Room Camera/OT Light Camera/Etc)	Karl Storz Endoscopy India Pvt Ltd	The Audio-Video system should have the minimum 12 x 12 Digital with open architecture. The routing/Switch system should be able to integrate Full HD signal, 3D and 4K (e.g. Room Camera/OT Light Camera/Etc)	No Change
5	Page 105-106 Para 3.f	Audio Video Communication System It should be capable to route the 3D & 4K data also all necessary hardware & software should be supplied.	STERIS HARMONY IQ	Request for the amendment to 3D OR 4K because 3D is an totally different technology as compared to 4K	No Change
	Page 106 Para 4.c	Control System cum Digital Documentation System for MOT The Full High-Definition Digital Documentation System should be a high-end computer system based on Windows 7/8 or better embedded platform (for security purposes) designed specifically for recording, managing, and archiving surgical images and video in native full HD resolution. The captured full high definition images & videos can be accessed from the hard drive for printing or saving onto USB Flash Drive & Hospital network.	Karl Storz Endoscopy India Pvt Ltd	The Full High-Definition Digital Documentation System should be a high-end computer system based on Windows 7/8 or better embedded platform (for security purposes) designed specifically for recording, managing, and archiving surgical images and video in native full HD, 4K and 3D resolution. The captured full high definition images & videos can be accessed from the hard drive for printing or saving onto USB Flash Drive & Hospital network.	No Change
7	Page 106 Para 4.e	Control System cum Digital Documentation System for MOT It should have at least 500 GB or more internal Hard Disk Drive (HDD) for in-system archiving. Also, it should have a feature of real time in-procedure DVD burning besides at-the-end procedure DVD burning. Also able to automatically transfer the data to integration control room for optimum use. It should be able to preview and simultaneously record views from two video sources parallel and archive as single patient file.	STERIS HARMONY IQ	Request for the amendment that it should be single channel recording system	No Change
	Page 106 Para 4.h	Control System cum Digital Documentation System for MOT Integration system should be able to control the following equipment - 1. OT Light 2. Routing of video sources to display destination required 3. Room audio & music 4. Advance Integration –For MIS MOTs (Complete device control for LAPs Fdnn Semic VATs, etc.)	Medical Images Technologies (I) Pvt Ltd	The point read as "Advance Integration - For MIS MOTs (complete Device control for LAPs, Endoscopic, VATs etc)". Our integration system is fully capable of controlling third party devices provided we get the control details from other manufacturers. Thus we request you to share the manufacturer details & model no of LAP, Endoscopy & VAT system so that our team back in Sweden can start working on it.	Delivered Advance Integration –For MIS MOTs (Complete device control for LAPs, Endo Scopic, VATs, etc.)

Page 106 Para 4.h

Page 2 of 5

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8			STERIS HARMONY IQ	Request for the amendment for point 4 as this can be done by only few companies and because of this Participation will again restricted to certain vendors only, it is an company specific. It should be read as control of routing the signals. Requesting you to kindly change it as: Should be supplied with dedicated monitoring screen of minimum 42 inches for viewing all MOT's procedures and another monitor of min. 19" or more inches for monitoring and video routing from control room. Remarks: The Control of integration system should not be allowed from Control room as it is not safe for the patient and user, only monitoring and video routing should only be allowed.	COMMITTEE RECOMMENDATION Note: BOQ will be amended accordingly
9	Page 107 Para 5. c	Monitoring & Control Room for OR Integration System – Should be supplied with dedicated monitoring screen of minimum 42 inches for viewing all MOT's procedures and another monitor of min. 32 inch for controls of Integration system from monitoring and control room.	Olympus Medical Systems India Private Limited	Requesting you to kindly change it as: Should be supplied with dedicated monitoring screen of minimum 42 inches for viewing all MOT's procedures and another monitor of min. 19" or more inches for monitoring and video routing from control room. Remarks: The Control of integration system should not be allowed from Control room as it is not safe for the patient and user, only monitoring and video routing should only be allowed.	Amended as " Should be supplied with dedicated monitoring screen of minimum 42 inches for viewing all MOT's procedures and another monitor of minimum 19 inch for controls of integration system from monitoring and control room."
10			STERIS HARMONY IQ	Request for the amendment from 32inch to 27 INCH and above	
	Page 107 Para 5. f	Monitoring & Control Room for OR Integration System – The System should be supplied with minimum 50 User License to simultaneously remotely view of video sources of OTs.	Karl Storz Endoscopy India Pvt Ltd	The System should be supplied with minimum 30 or more User License to simultaneously remotely view of video sources of OTs.	Amended as " The System should be supplied with minimum 30 User License to simultaneously remotely view of video sources of OTs."
	Page 107 Para 7.A	OT LIGHT WITH CAMERA OT Light – LED Operating Room Surgical Lighting System should provide an ideal combination of brightness, maneuverability, and shadow resolution without sacrificing color accuracy through a consistent LED technology.	Karl Storz Endoscopy India Pvt Ltd	Colour rendering index should be 96 or more.	No Change
11	Page 107-108 Para 7.A.iii	OT LIGHT WITH CAMERA Field Size Diameter: 20 to 28cm (+/- 10%)	STERIS HARMONY IQ	Request to for the amedment to 20 TO 24	No Change
	Page 108 Para 7.A.vii	Rotation : 360 -330degrees	As per prebid discussion	As per prebid discussion	Amended as " Rotation : 360 degrees full range"
12	Page 107-108 Para 7.A.xiv	OT LIGHT WITH CAMERA Should be supplied with 3rd arm for Monitor(32inch)	STERIS HARMONY IQ	Request for the amendment from 32inch to 27 INCH and above	No Change <i>Amended as "3rd arm for Monitor(32inch)"</i>
13	Page 107-108 Para 7.A.xv	OT LIGHT WITH CAMERA Surgical Light System Should be European CE with 4digit notified body/US FDA certified and certificate should be submitted for offered model	STERIS HARMONY IQ	As this is an Class one device Delegation of conformity should be given	Amended as " Surgical Light System Should be European CE with 4digit notified body/US FDA certified/ Self declaration of conformity of Eu CE with ISO 13485 issued by 4digit notified body and certificate should be submitted for offered model
14	Page 107-108 Para 7. B	OT LIGHT WITH CAMERA HD Camera System – 1080 P/	STERIS HARMONY IQ	1080P/ or 720P	No Change

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15	Page 107-108 Para 7. C	OT LIGHT WITH CAMERA HD LED FLAT PANEL MEDICAL GRADE MONITOR (for Non Integrated MOTs) Should be 30-32" High Definition Progressive Scan Flat-panel Medical Grade Monitors with ceiling mounted spring arm suspension to support high definition/HDTV progressive Scan Images and should be able to support and display DV/HDTV, RGBHV, S-Video, Composite video signals. Aspect ratio 16:9/16:10. Resolution - 1920X1080 or more	STERIS HARMONY IQ	Request for the amendment from 32inch to 27 INCH and above	Amended as " Should be 26inch or more High Definition Progressive Scan Flat-panel Medical Grade Monitors with ceiling mounted spring arm suspension to support high definition/HDTV progressive Scan Images and should be able to support and display DV/HDTV, RGBHV, S-Video, Composite video signals. Aspect ratio 16:9/16:10. Resolution - 1920X1080 or more " Note : BOQ will be amended accordingly
16	Page 108 Para 7.D	OT LIGHT WITH CAMERA Recording System (Price to be offered separately - For Non-Integrated MOT) Recording system to be offered separately. Recording system should be full HD monitor LCD 21" touch screen or more and having the one TB storage space. USB port should be available for archiving the procedures.	Olympus Medical Systems India Private Limited	Requesting you to kindly change it as: Recording system to be offered separately. Recording system should be full HD monitor LCD 7" touch screen or more and having the 500 storage space. USB port should be available for archiving the procedures. Remarks: As the 21" touch screen is specific to 1 company further, the data will be available at the control room server along with the large screen and further additional storage can be taken as external or available on server at the control room, in both cases the data will be pushed to the server once recorder reaches its threshold capacity.	Amended as " Recording system to be offered separately. Recording system should be full HD monitor LCD 7" touch screen or more and having the minimum 500GB storage space. USB port should be available for archiving the procedures.
17	Page 108 Para 7.D	OT LIGHT WITH CAMERA Recording System (Price to be offered separately - For Non-Integrated MOT) Recording system to be offered separately. Recording system should be full HD monitor LCD 21" touch screen or more and having the one TB storage space. USB port should be available for archiving the procedures. Data cable for communication from both pendants and monitors should be laid down upto outside of OT in a patch port for future expansion for all OT's.	STERIS HARMONY IQ	Again Company specific why we need another recording system when it has been already asked in the above lines. If still it is asked LCD 21" touch screen should be deleted	No Change
Page 109	BOQ for Integration Monitors - Medical Grade A. Digital 32 inch Medical Grade monitor - 8Nos. B. 2D & 3D Medical Grade Monitor - 8Nos. C. 4K Medical Grade Monitor 32 inch (Optional) - 0Nos. E. Ceiling boom arm to mount 32" monitor - 08 Nos	Karl Storz Endoscopy India Pvt Ltd	All the equipments should be from same manufacturer.		Amended BOQ Monitors - Medical Grade (As per specs) A. Digital Medical Grade monitor(26inch or more) - 8 Nos. B. Deleted C. Deleted E. Ceiling boom arm to mount 32" monitor(Only for MIS OTs) - 02 Nos

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	Page 109	BOQ for Integration 2. B. 3D 1 Encoder and 1 Decoder Set (As per requirement of institute) - 08 Nos 2C. 4K 1 Encoder and 1 Decoder Set (As per requirement of institute) - 08 Nos. 4C. 32 inch monitor - 1No.	As per prebid discussion	As per Technical Amendments	BOQ for Integration Amended as: 2. B. 3D 1 Encoder and 1 Decoder Set (As per requirement of institute) - 01 Nos 2C. 4K 1 Encoder and 1 Decoder Set (As per requirement of institute) - 01 Nos. 4C. Minimum 19inch monitor - 1No.
18		Clarification by Bidder	Stryker India Private Ltd	Kindly clarify on the estimation cost for Integration and Data Management System for Modular OT with OT Light, the estimated cost mentioned is 8 crores approx. This amount would be alright, if the Tendering Opportunity is Global, but if the same is not, then we would request you to kindly reduce the Estimation cost because as per information available to us, the recent Tender order for integration supplied to 6 AIIMS was less than 40 lacs approx. including the CMC cost.	No Change

(Handwritten signatures and notes)

Ramesh

Pandurang

(Dr. S. V. S. Rao)

Sub
(Dr. S. S. S. Rao)

Dr. S. S. S. Rao

Dr. S. S. S. Rao



Dr. S. S. S. Rao

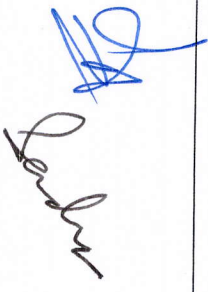
Dr. S. S. S. Rao

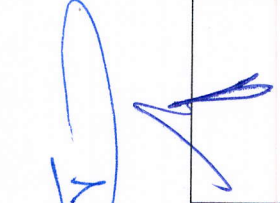
Response To Pre-Bid Queries (Pre-Bid date: 26.09.2017)

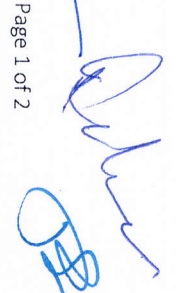
NIB Ref: HITES/PCD/NCI-AIIMS/01/17-18 Dated: 11.09.2017

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19		Suggested by the Bidder	Stryker India Pvt. Ltd.	Since the tender is Global, the bidder's should be allowed to submit the order copies globally, i.e. submission of order copies/performance certificate from subsidiary or principle company should be allowed.	Global experience shall be considered. Qualification Criteria being amended suitably.
20		Clarification/Suggestion by the Bidder	Stryker India Pvt. Ltd.	Kindly clarify on the estimation cost for Integration and Data Management System for Modular OT with OT Light, the estimated cost mentioned is 8 crores approx. This amount would be alright, if the Tendering Opportunity is Global, but if the same is not, then we would request you to kindly reduce the Estimation cost because as per information available to us, the recent Tender order for integration supplied to 6 AIIMS was less than 40 lacs approx. including the CMC cost.	This is only an estimate. Bidder should offer the actual price in their bid which is justifiable.
21	Pg no. 116, Point 3	Minimum Work of Similar Nature: Eligible bidder(s) should have in the past five years ending 31st March 2017 successfully completed similar project for Modular OT/MGPS/OT-Integration (as the case may be) works in India as stated below:	Olympus Medical Systems India Pvt Ltd	Amendment requested: To amend it to India/International. Remarks: This as Olympus has globl & Indian & Installation, however, we don't have Indian Installation order value as per the criteria asked, hence requesting you to amendment it to Indian/Global order value work. Representation: On delivery: 90% and On acceptance and Installation cert: Balance 10%	Being suitably amended as discussed during prebid meeting 
22	Pg. 34, Clause 21. A)	Payment Terms: A) Payment for Indigenous Goods (M&E) Or Foreign Origin Located Within India. a) On delivery: 75% payment of the contract price. B) On Acceptance: Balance 25% payment would be made against "Installation and Acceptance Certificate" of goods	PES Installations Pvt. Ltd.	Representation: On delivery: 90% and On acceptance and Installation cert: Balance 10%	No change considered 













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TENDER SPECIFICATION				RESPRESENTATION RECEIVED FROM THE BIDDERS		COMMITTEE RECOMMENDATION	
Sl. No	Tender Page & Para	NAME OF THE FIRM	Proposed amendment :				
23	Request for extension of Bid submission date-	PES installations Pvt. Ltd.	<p>Remarks: Request for do this amendment since this is a Global tender enquiry and it will attract wider participation. Request for the amendment being an Global tender Work experience should be taken globally, As we are launching our product in india</p>				
24	Page No.116 Sr. No.3 Minimum Work of Similar Nature: Eligible bidder(s) should have in the past five years ending 31st March 2017 successfully completed similar project for Modular OT/MGPs/OT-Integration (as the case may be) works in India as stated below	M/s Med Fresh Pvt. Ltd.	<p>Minimum Work of Similar Nature: Eligible bidder(s)/ Manufacturers should have in the past five years ending 31st March 2017 successfully completed similar project for Modular OT/MGPs/OTIntegration (as the case may be) works in India as stated below:</p>			Being suitably amended as discussed during prebid meeting	
25		STERIS India Pvt. Ltd.				As stated in point no. 19 above	

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 (Dr. Sandeep)

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