The Health Sciences Center

### SPECIAL BIDS & AWARDS COMMITTEE 2 (SBAC 2)

PR No. : <u>PUR15-09-1407</u> Opening of Bid: <u>7 December 2015</u>

End-Usei : <u>DEPARTMENT OF SURGERY, PGH</u>

Project : <u>SUPPLY, DELIVERY, TESTING & COMMISSIONING OF A FULL</u>
<u>HIGH DEFINITION PEDIATRIC LAPAROSCOPIC SYSTEM</u>

ITEM NO.	QТY	UNIT	ITEM DESCRIPTION	APPROVED BUDGET FOR THE CONTRACT PER UNIT (PHP)	QUOTATIONS (in figures / in words) (all taxes included)
1	1	lot	FULL HIGH DEFINITION PEDIATRIC LAPAROSCOPIC SYSTEM Brand new, not reconditioned Including its Parts & Accessories	9,930,000.00	
			Components:  1. Instruments 2. 26" flat Screen Medical Grade Monitor (1unit) 3. FULL HD Camera Control Processor (1unit) 4. Three-chip Camera Head (1unit) 5 Xenon light source (1unit) 6. CO2 Insufflator (1unit) 7. Suction/Irrigator System (1unit) 8. FULL HD Recording system (1unit) 9. Accessories  1. Instruments:		
			<ul> <li>a. Telescopes: <ol> <li>Forward Oblique, 30 degrees, 2.4 mm diameter,</li> <li>length 18 cm, autoclavable, (1 pc)</li> <li>Straight Forward, 0 degrees, 2.4 mm diameter,</li> <li>length 18 cm, autoclavable, (1 pc)</li> <li>Forward Oblique, 30 degrees, 3.3 mm diameter,</li> <li>length 25 cm, autoclavable, (1 pc)</li> <li>Straight Forward, 0 degrees, 3.3 mm diameter,</li> <li>length 25 cm, autoclavable, (1 pc)</li> <li>Forward Oblique, 30 degrees, 5 mm diameter,</li> <li>length 24 cm, autoclavable, (1 pc)</li> <li>Straight Forward, 0 degrees, 5 mm diameter,</li> <li>length 24 cm, autoclavable, (1 pc)</li> </ol> </li> <li>Trocars: <ol> <li>Trocars: <ol> <li>Trocars, size 2.8 mm, with pyramidal tip, length 5 cm,</li> <li>Silicone Leaflet Valve (2 pcs)</li> <li>Trocars, size 3.5 mm, with pyramidal tip, length 5 cm,</li> <li>Silicone Leaflet Valve (4 pcs)</li> <li>Trocar, size 6mm, with conical tip, length 5 cm,</li> <li>Silicone Leaflet Valve (5 pcs)</li> <li>Coagulating and dissecting electrodes</li> <li>Coagulating and Dissecting Electrode, L-shaped size 3mm,</li> <li>length 20cm, w/connector pin for unipolar coagulation (5 pcs)</li> <li>Coagulating and Dissecting Electrode, L-shaped size 5 mm,</li> <li>length 36 cm, w/connector pin for unipolar coagulation (2 pcs)</li> </ol> </li> </ol></li></ul>		

Approved by:

**Dean VICENTE O. MEDINA III, DDM, PhD** *Chairperson* 

(Signature over Printed Name of President/Gen. Manager)

(Name & Address of Company)

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Project : SUPPLY, DELIVERY, TESTING & COMMISSIONING OF A FULL HIGH DEFINITION PEDIATRIC LAPAROSCOPIC SYSTEM

ITEM NO.	QТY	UNIT	ITEM DESCRIPTION	APPROVED BUDGET FOR THE CONTRACT PER UNIT (PHP)	QUOTATIONS (in figures / in words) (all taxes included)
			<ul> <li>iii. Coagualting and Dissecting Electrode, with suction channel size 5mm, length 36cm with connector pin for unipolar coagulation (2 pcs)</li> <li>iv. Irrigation and suction cannula, size 3mm, length 20cm (5pcs)</li> <li>v. Irrigation and suction cannula, size 5mm, length 36cm (2pcs)</li> <li>vi. Two-way stopcock for suction and irrigation (2pcs)</li> <li>vii. Handle, for use with suction and irrigation tubes, with silicone tubing set (2pcs)</li> <li>d. Hand instruments for neonatal</li> <li>i. Dissecting and Grasping Forceps, rotating, insulated, right angle, size 3 mm, length 20 cm, with connector pin for unipolar coagulation, double action jaws (2 pcs)</li> <li>ii. Bowel Grasping Forceps, rotating, size 3 mm, length 20 cm, 2.3 cm tip, with especially atraumatic fine serration, double action jaws (2 pcs)</li> <li>iii. Babcock Dissecting and Grasping Forceps, rotating, insulated, size 3 mm, length 20 cm (2 pcs)</li> <li>iv. Maryland Dissecting and Grasping Forceps, rotating, insulated, size 3 mm, length 20 cm, with connector pin for unipolar coagulation (2pcs)</li> <li>v. Scissors, rotating, dismantling, insulated, size 3 mm, length 20 cm, with connector pin for unipolar coagulation, double action jaws, serrated, curved, conical (2 pcs)</li> <li>vi. Micro Hook Scissors, rotating, size 3 mm, length 20 cm, with connector pin for unipolar coagulation, single action jaws (2 pcs)</li> <li>vii. Ultramicro Needle Holder, with tungsten carbide insert, straight handle, jaws curved to left, size 3 mm, length 20 cm (2 pcs)</li> <li>ix. Palpation probe, distendable, size 3 mm, length 20 cm (1pc)</li> <li>x. Pylorotome, distendable, size 3 mm, length 20 cm (1pc)</li> <li>e. Unipolar high frequency cord (2 pieces)</li> <li>f. Hand instruments for children</li> <li>i. Dissecting and grasping forceps, rotating, insulated, right angle, size 5 mm, length 30cm with connector pin for unipolar coagulation, double action jaws (5pcs)</li> </ul>		

	Approved by:
Signature over Printed Name of President/Gen. Manager)	<b>Dean VICENTE O. MEDINA III, DDM, PhD</b> <i>Chairperson</i>
Name & Address of Company)	

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			<ul> <li>ii. Bowel grasping forceps, rotating, size 5mm, length 30cm 1.8cm tip, with especially atraumatic fine serration, double action jaws (5pcs)</li> <li>iii. Bowel graping forceps, rotating, size 5mm, length 30cm, 3.7cm with especially atraumatic fine serration double action jaws (5pcs)</li> <li>iv. Bobcock dissecting and grasping forceps, rotating, insulated size 5mm, length 30cm, with connector pin for unipolar coagulation (5pcs)</li> <li>v. Allis grasping forceps, with multiple teeth, for atraumatic and accurate grasping, with connector pin for unipolar coagulation (5pcs)</li> <li>vi. Maryland dissecting and grasping forceps, rotating, insulated, size 5mm, length 30cm, with connector pin for unipolar coagulation (5pcs)</li> <li>viii. Metzenbaum scissor, rotating, dismantling, insulated, size 5mm, length 30cm, with connector pin for unipolar coagulation, double action jaws, serrated, curved, conical (2pcs)</li> <li>2. Full HD medical grade monitor specifications</li> <li>a. Minimum of 26 inch full HD flat panel medical grade LED or LCD monitor with PAL/NTSC color systems</li> <li>b. Minimum screen resolution of 1920 x 1080 pixels with 16:9 image format</li> <li>c. Minimum screen resolution of 1920 x 1080 pixels with 16:9 image format</li> <li>d. Video inputs: DVI, 3G-SDI, VGA, S-video, Composite</li> <li>e. Video outputs: DVI, 3G-SDI, Composite</li> <li>f. Must have the capability to display twin congruent-sized images</li> <li>g. Power supply: 100 to 240 VAC, 50 to 60 Hz. Must include power supply for mains cord.</li> </ul>		
			<ul> <li>3. Camera control processor specifications:</li> <li>a. Full HD camera control processor for use with three chip camera heads with the following features: <ul> <li>i. Homogenous illumination.</li> <li>ii. Image differentiation of tissue types through image processing</li> <li>iii. Able to intensify color contrast tissues.</li> <li>iv. Compatible for the following specialties: Laparoscopy, Arthroscopy, Neuroendoscopy, Hysteroscopy, Thoracoscopy</li> </ul> </li> </ul>		

Dean VICENTE O. MEDINA III, DDM, PhD

Approved by:

 ${\it Chair person}$ 

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			<ul> <li>b. With USB connection for quick recording of images and videos.</li> <li>c. Minimum resolution of 1920 x 1080 pixels.</li> <li>d. Power supply: 100 to 240 VAC, 50 to 60 Hz. Must include power supply for mains cord.</li> </ul>		
			<ul> <li>4. Camera head specifications: Three-chip Full HD camera head with 60Hz progressive scan with integrated Parfocal Zoom lens, focal length of at least 15 to 31mm (2x to 2.5x). Must be soakable and gas/plasma sterilizable a. Minimum resolution of 1920 x 1080 pixels. b. At least two (2) freely programmable head buttons. c. Must be able to focus structures up to 2mm d. Head buttons must be multifunctional and programmable and allows the operator to control the machine without help e. Sterilization tray for camera head.</li> </ul>		
			<ul> <li>5. Xenon light source specifications <ul> <li>a. 300 watt Xenon light source with at least 500 hours bulb life span.</li> <li>b. Must included one (1) spare xenon bulb.</li> <li>c. The machine must be able to monitor life span of the bulb either through a meter or a digital counter.</li> <li>d. Power supply: 100 to 240 VAC, 50 to 60 Hz. Must be supplied with mains cord</li> <li>e. Must include an ultra heat resistant fiberoptic light cable of at least 300cm length. (3 pcs)</li> <li>f. Must have a cable sterilization tray of its own or integrated into the scope sterilization tray.</li> <li>g. Must be equipped with a heat absorber to prevent fiberoptic cable overheating.</li> <li>h. Must have a standby function.</li> </ul> </li> </ul>		
			<ul> <li>6. CO2 insufflator specifications</li> <li>a. with at least 30L/min flow rate</li> <li>b. Controllable adjustments via camera head</li> <li>c. Power supply: 100 - 240 VAC, 50/60 Hz</li> <li>d. With external CO2 warmer</li> <li>e. CO2 silicone tubing set, sterilizable</li> <li>f. Sterile filter, for single use (package of 10pcs)</li> <li>g. Can perform self testing for system evaluation</li> </ul>		

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			<ul> <li>7. Suction irrigator specifications: <ul> <li>a. Maximum pressure rate irrigation for HYST: 200mmHg (26.6 kPa)</li> <li>b. Maximum pressure rate irrigation for LAP: 400mmHg (53.2 kPa)</li> <li>c. Maximum flow rate for HYST: 500 ml/min</li> <li>d. Maximum flow rate for LAP: 1000 ml/min</li> <li>e. Maximum suction pressure capacity for HYST: (-)0.5 (-50 kPa)</li> </ul> </li> <li>8. Digital Records Specifications: <ul> <li>a. Able to record to USB and CD ROM.</li> <li>b. Must have a separate monitor of its own and preferably touch scree</li> <li>c. Must be provided with a keyboard to enter patient data, Surgeons Name and Procedures</li> <li>d. With built in touch screen panel.</li> <li>e. At least 1TB of hard disk space</li> </ul> </li> <li>9. Accessories <ul> <li>a. The system must be supplied with a cart with lockable wheels and swivel mount for the monitor. (Proprietary cart is preferred)</li> <li>b. Each system must be supplied with a UPS capable of powering the unit for at least 30 mins.</li> </ul> </li> </ul>	n.	
			TOTAL APPROVED BUDGET FOR THE CONTRACT	PHP9,9	930,000.00

### **TERMS & CONDITIONS:**

- $1. \ Indicate \ brand, \ model \ and \ country \ of \ origin.$
- 2. Notarized certificate that the product is brand new, not reconditioned including its parts and accessories.
- 3. Delivery should be done within one hundred twenty (120) calendar days commencing on the 3rd working day of notification through confirmed fax that the approved Purchase Order / Contract is already available for pick-up.
- 4. The system must be delivered ready to use. Cables, connectors, adapters and accessories not specified but are essential for the unit to function must be provided free by the winning bidder.
- 5. Warranty: One (1) year on parts and two (2) years on service.
- 6. Warranty period shall commence from the date of acceptance by the end-user after installation, testing and commissioning.
- 7. Must submit an undertaking to provide a service unit within 72 hours of notification in case the equipment need servicing during the warranty period.
- 8. Provide free regular quarterly preventive maintenance during the warranty period.
- 9. Technical Specialist: Must include on-site technical training for the doctors and at least one (1) staff from the Office of the Engineering and Technical Services (OETS).

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### cont... TERMS & CONDITIONS:

- 10. Notarized certificate that the Bidder must be in the business of distributing simulators for the last five (5) years.
- 11. Notarized certificate that the Bidder and its principal must have been in partnership for the last five (5) years. If the principal has no local distributor, this requirement may be waived for as long as the principal makes a certification that a local engineer is locally available to service the unit.
- 12. Notarized certificates of good track records within five to ten (5-10) years from five (5) government and/or private hospitals within Metro Manila / Philippines.
- 13. Local service engineers: Must submit a list of factory trained local engineers with certificate of training from the manufacturer.
- 14. Must submit a list of institution/s supplied with the offered brand and model for the past five (5) years.
- 15. Certification from at least one (1) institution that they have been supplied the same equipment of the same brand being offered.
- 16. Operations training for end-user and troubleshooting training for Biomedical Engineers/s.
- 17. Must provide a guarantee letter from the manufacturer and local distributor to ensure availability of supplies, parts, and accessories for ten (10) years after end-users acceptance.
- 18. The bidder must provide a quotation for the preventive maintenance cost after the warranty period expires.
- 19. The machine offered must have been demonstrated and evaluated by the end-users. Certificate of product demonstation including the brand and model must be submitted.
- 20. All components must be of the same brand from the same manufacturer unless otherwise specified as Third Party.
- 21. Must provide original and hard copy of operators and service manuals upon delivery.
- 22. Include technical specifications (brochure / catalogue).
- 23. Free software update at no cost to the end user for the life of the machine.
- 24. All price quotations must include all taxes and duties imposed by the government on the supplies offered and any additional impositions which maybe made by the government during the effectivity of the contract shall be the sole responsibility of the winning bidder.
- 25. All certifications (#10, #11 and # 12) required in the Terms & Conditions shall be placed in the Envelope 1 (Technical Component).
- 26. The bidder guarantees that the bid offer is the lowest price in the market.
- 27. The bidder is required to submit single bid for the item. Two or more Bids offer is automatically disqualified.
- 28. Compliance with the provisions of Republic Act No. 9184 and other applicable laws.

20. Compliance with the provisions of Republic A	ct No. 9104 and other applicable laws.
	Approved by:
	Dean VICENTE O. MEDINA III, DDM, Ph. Chairperson
(Signature over Printed Name of President/Gen. Manager)	
(Name & Address of Company)	