

PR No. : PUR15-09-1408
End-User : DEPARTMENT OF SURGERY, PGH
Project : SUPPLY, DELIVERY, TESTING, INSTALLATION & COMMISSIONING OF ENDOLAPAROSCOPIC SUITE / INTEGRATED OR SYSTEM INCLUDING CIVIL WORKS

Opening of Bid: 7 December 2015

ITEM NO.	QTY	UNIT	ITEM DESCRIPTION	APPROVED BUDGET FOR THE CONTRACT PER UNIT (PHP)	QUOTATIONS (in figures / in words) (all taxes included)
1	1	lot	<p>ENDOLAPAROSCOPIC SUITE / INTEGRATED OR SYSTEM INCLUDING CIVIL WORKS</p> <p>Brand new, not reconditioned</p> <p>Including its Parts & Accessories</p> <p>Components of the system:</p> <ol style="list-style-type: none"> 1. Central Control Workstation (1Set) with at least one 19-inch touchscreen panel 2. 19-inch touchscreen panel for sterile are 3. 3D Full HD Monitor (2 Units) 4. 42" Full HD Monitor (1unit) 5. Image Integration processor (1unit) 6. 3D Full HD camera control processor (1unit) 7. 2D Full HD camera control processor (1unit) 8. Full HD camera control processor for Flexible Videoendoscope (1unit) 9. 3D Rigid Telescopes 10. 2D Rigid Telescopes 11. Flexible Video Endoscopes 12. Three chip camera head for 2D Rigid Telescopes (1 unit) 13. Xenon light source for Rigid telescopes (1 unit) 14. LED or Xenon light source with Air/CO2 pump for flexible videoscopes (1 unit) 15. CO2 Insufflator with warmer (1 unit) 16. Suction/Irrigator (1 unit) 17. ical unit (1 unit) 18. Ultrasonic Generator (Third Party) (1 unit) 19. Laparoscopic Instruments 20. LED Surgical Light with Full HD Camera (1 unit) 21. Modular Surgical Pendant System with Monitor Spring Arm (1 unit) 22. Modular Anesthesia Pendant System (1 unit) 23. Fully motorized surgical table (1 unit) <p>Technical Specifications:</p> <ol style="list-style-type: none"> 1. Central control workstation must have the following components: <ol style="list-style-type: none"> a. HD Matrix system for HD video routing within and outside the OR Must have the capability to do picture-in-picture/Quad Video processor, function to mix two video signals into one video signal. 	45,000,000.00	

Approved by:

Dean VICENTE O. MEDINA III, DDM, PhD
Chairperson

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

(Name & Address of Company)

University of the Philippines Manila
The Health Sciences Center
SPECIAL BIDS & AWARDS COMMITTEE 2 (SBAC 2)

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			<ul style="list-style-type: none"> b. Audio matrix system for audio integration with echo-cancelling c. Documentation System to record, edit and store 2D and 3D Videos and Patients' data with at least 1 terabyte internal memory. <ul style="list-style-type: none"> i. High quality documentation, with still images and videos being recorded in Full HD 2D and 3D ii. With dual capture function from two sources iii. Editing module for still images and videos can be directly placed in the report iv. Patient data integrates into the existing infrastructure such as HIS and PACS d. Networking connection to integrate system into the hospital e. Con unipolar coagulation, double action jaws (2 pcs) <ul style="list-style-type: none"> i. For OR light connection to integrate one or more OR lights into the system ii. For surgical table connection to integrate with infrared control f. Room control module to control environmental functionalities in the OR, including room lights and air-conditioning g. Teleconferencing illustration interface for the creation and display of annotations in a live video signal h. High definition encoder system for video and audio live transmission in LAN and intranet networks i. At least two (2) passive speaker and wireless microphone adaptable for iPod / MP3 player j. At least one (1) medical grade 19" touch screen monitor <ul style="list-style-type: none"> i. Power supply: 100 - 240 VAC ii. Video input: RS 232, VGA, DVI iii. Resolution: at least 1280 x 1024 pixels iv. Configuration touch screen <p>2. 19-inch touch screen panel for sterile area (1 unit)</p> <ul style="list-style-type: none"> a. At least 19-inch Medical grade touch screen monitor b. Power supply: 100 VAC-240VAC c. Video Input: RS 232, VGA, DVI d. Resolution: 1280x 1024 e. To be installed on a spring arm f. Configurable touch screen g. The screen can be used as a universal display and allows display of equipment operating conditions. h. The surgeon or the sterile staff has a complete control over the whole system including medical devices and peripheral equipment 		

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			<p>3. 3D Full HD Monitor (2 units)</p> <p>a. At least 26-inch Flat Screen Medical Grade b. Resolution: 1920x 1080, Image format 16:9 c. Video Inputs: DVI, VGA, S-Video, Composite d. Video Outputs: DVI, S-Video, Composite e. Twin congruent size image display in 1 monitor f. Supports major 3D image input formats with image displayed on a full screen.</p> <p>4. 42-inch Full HD Monitor (1 unit)</p> <p>a. at least 42-inch Full HD Flat Screen Medical Grade b. Power supply: 100 to 240 VAC 50 to 60 Hz. Must include power supply mains cord. c. Resolution: At least 1920 x 1080, Image format 16:9 d. Wall amount for multi-functional display: Endoscopic camera, auditorium live steaming, vital signs and ultrasound.</p> <p>5. Image Integration processor</p> <p>a. Can store various users profiles and enables individual settings, customized to the surgeon's preferences or the procedure, to be saved. b. Image and video data can be transferred to external storage media via USB interfaces c. Power supply: 100 to 240 VAC 50 to 60 Hz. Must include power supply for mains cord d. With USB connection for quick recording of images and videos e. Video outputs: DVI (2x) f. Must have the capability to display twin congruent-sized images</p> <p>6. 3D FULL HD Camera Processor (1 unit)</p> <p>a. Power supply: 100 to 240 VAC 50 to 60 Hz. Must include power supply for mains cord b. Minimum resolution of 1920 x 1080 pixels with 16:9 format c. Must support both Standard 3D Full HD and 2D Full HD image d. Homogenous illumination e. Able to intensify color contrast f. Able to Combined homogenous illumination and contrast enhancement g. Able identifies differentiation of tissue types h. Automatic xenon light intensity i. Support 3D Video Endoscopes j. Must Include 3D Antifog Polarization Passive Glasses, package of 5 k. Must Include 3D Clip on glasses circularly polarized, package of 5</p>		

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			<p>7. 2D FULL HD Camera Control Processor (1 unit)</p> <ul style="list-style-type: none"> a. Power supply: 100 to 240 VAC 50 to 60 Hz. Must include power supply for mains cord b. Minimum resolution of 1920 x 1080 pixels with 16:9 format c. Homogenous illumination d. Able to intensify color contrast e. Able to Combined homogenous illumination and contrast enhancement f. Able to differentiate and help identify differentiation of tissue types g. With integrated documentation function, transferable to external storage media via USB <p>8. FULL HD Camera Control Processor for Flexible Endoscopes:</p> <ul style="list-style-type: none"> a. Power supply: 100 to 240 VAC 50 to 60 Hz. Must include power supply for mains cord b. Homogenous illumination c. Able to intensify color contrast d. Able to Combined homogenous illumination and contrast enhancement e. Able to differentiate and help identify differentiation of tissue types f. Highest possible FULL HD resolution of 1920 x 1080 pixels in 2D g. Supports two (2) simultaneous Full HD images in single widescreen monitor <p>9. Laparoscopic Telescopes</p> <ul style="list-style-type: none"> a. 0 degree 3D Video Endoscope with built-in Camera Head <ul style="list-style-type: none"> i. Max. resolution 1920x 1080 pixels, progressive scanning ii. Digital zoom (2x) available in 3D video endoscope iii. Slender and light-weight design iv. Easily detachable data cable for service v. Compatible with all established sterilization methods b. 30 degree 3D Video Endoscope with built-in Camera Head <ul style="list-style-type: none"> i. Maximum resolution 1920x 1080 pixels, progressive scanning ii. Digital zoom (2x) available in 3D video endoscope iii. Slender and light-weight design iv. Easily detachable data cable for service v. Compatible with all established sterilization methods 		

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			<p>10. 2D Rigid Telescopes</p> <ul style="list-style-type: none"> a. Forward oblique telescope 30 degrees, enlarged view, diameter 10mm, length 31cm, autoclavable, fiberoptic light transmission incorporated with (1pc) b. Straight forward telescope 0 degree, enlarged view diameter length 31 cm, autoclavable, fiberoptic light transmission 10 mm, incorporated (1 pc) c. Forward oblique telescope 30 degree diameter 5mm, length 30cm, autoclavable, fiberoptic light transmission incorporated (1 pc.) d. Telescope 90 degrees with Integrated illuminator, working distance 25-75cm, length 11cm, autoclavable, with fiberoptic light transmission in corporate and condenser lenses. With Telescope Holder. <p>11. Flexible Video Endoscope</p> <ul style="list-style-type: none"> a. Video Colonoscope, color system NTSC, <ul style="list-style-type: none"> i. Working channel diameter at least 3.8mm, ii. Water jet channel at least 1.2mm, iii. Sheath diameter at least 12.9mm, iv. Working length at least 1600mm, v. Deflection: up/down 180 degree/180 degree, vi. Deflection: left/right 160 degree/160 degree vii. Leakage Tester viii. Cleaning brush for water jet channel ix. Protective film for transporting flexible endoscope b. Video Duodenscope, color system NTSC, <ul style="list-style-type: none"> i. Working channel diameter 4.2 mm ii. Sheath diameter 12.6 mm iii. Working length 1260 mm iv. Deflection up/down 120°/90° v. Deflection: left/right 90°/110° vi. Direction of view 5° retro vii. With removable Albarran module for easy cleaning c. Video Gasrtoscope, NTSC color System, <ul style="list-style-type: none"> i. Sheath outer diameter 5 - 5.9mm, ii. Working channel diameter 2.8 mm or higher, iii. Working length 1100 or higher mm, iv. Deflection up/down 210degree/100 degree or better v. Deflection left/right 120 degree/120 degree, vi. Field of vision 140 degree, vii. Depth of field within the range of 2-100mm 		

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			<p>d. Video Gastroscope Slim size, color system NTSC</p> <ul style="list-style-type: none"> i. Sheath outer diameter 5.9mm, ii. Working channel diameter 2 mm iii. Working length 1100 mm iv. Deflection up/down 210°/100° v. Deflection left/right 120°/120° vi. Field of vision 140° vii. Depth of field 3 - 100 mm <p>e. Flexible Video Choledochoscope</p> <ul style="list-style-type: none"> i. Homegenous illumination ii. Able to intensify color contrast iii. Able to combine homogenous illumination and contrast enhancement iv. Able to differentiate and help identify differentiation of tissue types <p>f. Adult Bronchoscope - color system NTSC</p> <ul style="list-style-type: none"> i. with detachable and autoclavable suction valve, valve adaptor and connecting tube cable ii. Working Channel: 2.3mm iii. Direction of View: 0 degrees iv. Angle of view: 120 degrees v. Deflection:Up/Down180degrees/100degrees vi. Depth of view: 3 - 50mm vii. Working length: 61cm viii. Outer diameter: 6.2mm ix. Following accessories must included in the delivery: <ul style="list-style-type: none"> > Biopsy forceps > Cytology Brush > Leakage Tester > Protective Film <p>12. Three-chip Full HD camera head for 2D Rigid Telescopes</p> <ul style="list-style-type: none"> a. With 60 Hz progressive scan with integrated Parfocal Zoom lens, focal length of at least 15 to 31 mm (2x to 2.5x). Must be soakable and gas/plasma sterilizable b. Minimum resolution of 1920 x 1080 pixels. c. At least two (2) freely programmable head buttons. d. Must be able to focus structures up to 2mm. e. Head buttons must be multifunctional and programmable and allows the operator to control the machine without help. f. Must be supplied with Sterilization tray for camera head. 		

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			<p>13. XENON 300 Watts light source for rigid scopes</p> <ul style="list-style-type: none"> a. Power supply 100- 125/220-240 VAC, 50/60 Hz b. 300 watt Xenon light source with at least 500 hours bulb life span c. The machine must be able to monitor life span of the bulb either through a meter or a digital counter. d. Must be equipped with a heat absorber to prevent fiberoptic cable overheating e. Must include an ultraheat resistant fiberoptic light cable of at least 300 cm length. f. With automatic adjustable light output to eliminate heat g. Must have a standby function. h. Fiberoptic Light Cable 4.8MM dia, 300cm length <p>14. LED Light Source for Flexible Scopes</p> <ul style="list-style-type: none"> a. Power supply 100- 125/220-240 VAC, 50/60 Hz b. Integrated insufflation pump for air and CO2 <ul style="list-style-type: none"> i. with CO2 insufflation mode ii. with Air insufflation mode iii. with CO2/Air insufflation mode iv. with CO2 high pressure hose <p>15. CO2 Insufflator</p> <ul style="list-style-type: none"> a. Minimum of 50L/min flow rate with CO2 warmer b. With 7" touch screen c. Power supply 100 - 240 VAC, 50/60 Hz d. CO2 Silicone Tubing Set (package of 10 pcs.) e. With Following accessories must included in the delivery: f. Sterile Filter, for single use (package of 10 pcs.) g. With Sensitive mode: Specially designed for sensitive applications. (e.g. Pediatric) h. With CO2 High pressure hose <p>16. Suction/Irrigator</p> <ul style="list-style-type: none"> a. Maximum pressure rate irrigation for HYST: 200mmHg (26.6 kPa) b. Maximum pressure rate irrigation for LAP: 400mmHg (53.2 kPa) c. Maximum flow rate for HYST: 500 ml/min d. Maximum flow rate for LAP: 1000 ml/min e. Maximum suction pressure capacity for HYST: (-)0.5 bar (-50 kPa) f. Maximum suction pressure capacity for LAP: (-)0.8 bar (-80 kPa) g. Visual and sound alarms. h. Power supply 100 to 240 VAC/ 50 to 60 Hz. Must be supplied with mains cord. 		

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			<p>17. Electrosurgical Unit</p> <ul style="list-style-type: none"> a. Integration to the Medical control system b. Capable for laparoscopic and open surgeries c. With smoke evacuator control via footswitch during activation d. Touch screen <p>18. Ultrasonic and advance bipolar with positive temperature coefficient generator (Third Party)</p> <ul style="list-style-type: none"> a. Features <ul style="list-style-type: none"> i. Two in one function: Ultrasonic vessel sealer as well as ii. bipolar vessel sealer. iii. Has application in both endoscopic and open surgery. iv. Universal connector with automatic instrument recognition. v. Touch screen display for easy set up and operation. vi. Software updates available via USB memory stick b. Ultrasonic vessel sealer <ul style="list-style-type: none"> i. Output: 150 VAC RMS Maximum 35 watts continuous, 30-80 kHz. ii. Precisely directed mechanical energy - a blade vibrating at 55,500Hz per second, denatures and transforms protein into sticky coagulum. iii. Seals and divides vessels up to 5 to 7mm as well as lymphatics iv. Cuts and coagulates at the same time c. Advanced bipolar vessel sealer <ul style="list-style-type: none"> i. Bipolar, no neutral electrode required; 100 VAC RMS maximum, 135 watts maximum, 300-490 kHz. ii. Temperature controlled: heat activated polymeric compound with Positive Temperature Coefficient technology, maintains sealing temperature approximately 100 degrees Celsius iii. I blade design: for High Uniform compression from the proximal end up to the distal tip of the jaw iv. Off set electrode configuration: Minimizes thermal spread approximately 1mm outside the seal area v. No need for stepped sealing and dividing. One step to both seal and divide d. Power supply: 100 to 240 VAC, 50 / 60 e. Accessories required: <ul style="list-style-type: none"> i. Cart with lockable wheels ii. Footswitch 		

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			<ul style="list-style-type: none"> iii. Hand piece for endoscopic surgery (2pcs / machine) iv. Hand piece for open surgery (2pcs / machine) <p>19. Laparoscopic instruments</p> <ul style="list-style-type: none"> a. Trocar, size 11 mm, with blunt tip (1pc) b. Trocar, size 11 mm, without valve, with insufflation stopcock, with 2 flanges for fixation of suturs length 13 cm (1pc) c. Trocar, size 6 mm, with pyramidal tip, length 10.5 cm, Multifunctional Valve (3 pcs) d. Reduc er 11/5 mm (1pc) e. Cone, for trocars size 11 mm, with anchor (1pc) f. Coagulating and Dissecting Electrode, with channel, L-shaped size 5 mm, length 36 cm, for use with suction and irrigation handles (1pc) g. Handle, without irrigation/suction connjector, for use with 5 mm coagulating and dissecting electrodes with channe, autoclavable (1pc) h. Coagulation and Dissection Electrode, with suction channel, insulated sheath, with connector pin for unipolar coagulation, spatula-shaped, blunt, size 5 mm, length 36 cm, for use with suction and irrigation handles (1pc) i. Dissecting and Grasping Forceps, rotating, dismantling, insulated, with connector pin for unipolar coagulation (1pc) j. Dissecting- and Grasping Forceps, rotating, with connector pin for unipolar coagulation, size 5 mm, length 36 cm,"alligator jaws (1pc) k. Bowel Grasper, rotating, with connector pin for unipolar coagulation, size 5 mm, length 36 cm, fenestrated, double action jaws (1pc) l. METZENBAUM Scissors, rotating, dismantling, with connector pin for unipolarcoagulation, with LUER-Lock connector for cleaning, double action jaws, curved, length of blades 15 mm, size 5 mm, length 36 cm (1pc) m. Unipolar High Frequency Cord (1pc) n. Clip Applicator, for use with Titanium-Clips (1pc) o. Titanium-Clips, medium-large, box with 16 sterile cartridges, 10 clips each Integral Knot Pusher and Thread Catcher, size 5 mm, length 33 cm (1pc) p. Integral Knot Pusher and Thread Catcher, size 5 mm, length 33 cm (1pc) 		

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			<p>q. Macro Needle Holder, ergonomic pistol handle with disengageable ratchet, ratchet release on the right side, right curved jaws, with tungsten carbide insert ø 5 mm, length 33 cm (1pc)</p> <p>r. Macro Needle Holder, with tungsten carbide insert, ergonomic pistol handle with disengageable ratchet, ratchet position left, jaws curved to left, size 5 mm, length 33 cm (1pc)</p> <p>s. Claw Forceps, rotating, size 10 mm, length 36 cm, 2 x 3 teeth, single action jaws (1pc)</p> <p>t. Forceps Insert, Bowel Grasper, fenestrated, double action jaws, length of jaws 18 mm, size 5 mm, length 36 cm (1pc)</p> <p>u. Articulating H-Retractor, long jaws, double action jaws, jaws open in parallel, bendable to 90 degrees, autoclavable, size 10mm, length 36 cm (1pc)</p> <p>20. OR Light system for the OR - DUO</p> <p>a. Can be controlled via 19" touch screen monitor</p> <p>b. With Full High Definition Camera 1920x1080 Progressive scanning</p> <p>c. With Monitor Arm for 3D HD Monitor</p> <p>d. Must be LED</p> <p>e. Optical light system featuring a new, innovative multi-lens-matrix</p> <p>f. Variable light color temperature between 3500K - 5000K in increments of 500K</p> <p>g. The average service life of the LEDs is at least 40,000 hours or accordingly five (5) years.</p> <p>h. Main light head</p> <p>i. Maximum light intensity: 160,000 lux</p> <p>ii. Dimming range: 100 - 40%</p> <p>iii. With integrated Endo-mode with 10% remaining illumination</p> <p>iv. With synchronisation of the color temperature</p> <p>v. Automatic readjustment of intensity depending on working distance</p> <p>vi. Sterile adjustment of light intensity and pattern size at the central handle</p> <p>vii. Adjustable Color Temperature: 3,500K - 5,000K</p> <p>viii. Power supply: 100 - 240V, 50/60 Hz</p> <p>i. Satellite light head</p> <p>i. Maximum light intensity: 140,000 lux</p> <p>ii. Dimming range: 100 - 40%</p> <p>iii. With integrated Endo-mode with 10% remaining illumination</p> <p>iv. With synchronisation of the color temperature</p> <p>v. Automatic readjustment of intensity depending on working distance</p>		

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			<ul style="list-style-type: none"> vi. Sterile adjustment of light intensity and pattern size at the central handle vii. Adjustable Color Temperature: 3,500K - 5,000K <p>21. Modular Anesthesia Pendant System with Monitor Spring Arm Modular design for easy changing of positioning of shelves, Gas outlet, and power supply outlet and dedicated for Anesthesia machine</p> <p>22. Modular Surgical Pendant System with Monitor Spring Arm</p> <ul style="list-style-type: none"> a. Modular design for easy changing of positioning of shelves, Gas outlet, and power supply outlet with CO2 gas piping b. Another 19" touch screen monitor will be mounted for sterile control and for teleconferencing illustration (draw of markings) for training <p>23. Fully Motorised Surgical Table Mobile OR table with universal flexible arm support for lateral, prone, and supine position and positioning pads for supine and prone position</p> <ul style="list-style-type: none"> a. Infrared controlled via 19" touch screen monitor b. Power supply external: 230V/ 115V, 50/60 Hz c. Power supply internal: 2 accumulators (Lead gel), 12V, 10Ah d. Lift: 420 mm (standard height) 350 mm (low height version) e. Trendelenburg/ anti-Trendelenburg: -30°/ + 35° (2.01 - 2.04) f. Tilt: ± 25° g. Zero position: automatic h. Length OR table top: at least 1,007 mm i. Width over slide rails: at least 582 mm j. Height adjustment including table top: 700 mm - 1.120 mm k. Joint leg section up / down: at least ± 90° l. Joint upper back section up / down: at least ± 90°/ - 55° m. Joint lower back section up / down: at least ± 80°/ - 40° n. Longitudinal shift: at least 270 mm (2.02-2.06) o. Flex/ Reflex: at least 220°/ 140° p. Net weight: 200 kg up to 215 kg q. Maximum load: 450 kg 		
TOTAL APPROVED BUDGET FOR THE CONTRACT				PHP45,000,000.00	

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University of the Philippines Manila

The Health Sciences Center

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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 fifty (150) 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 winning bidder must install all equipment involve in the package including OR lights, pendant system, cabling, gas connections (air, vacuum, oxygen and carbon dioxide) and complete functionality of integration system.
5. The winning bidder will perform the civil works needed as part of the installation package and will restor to its original form.
6. Technical Specialist: Must include on-site technical training for the OR Nursing Staff of General Surgery, ENT, Ob-Gyne, and Orthopedics and at least one (1) staff from the Office of the Engineering and Technical Staff (OETS). One (1) service engineer must be available locally to provide quick on-site support. Certification must be submitted.
7. **Notarized certificate that the Bidder must be in the business of distributing simulators for the last five (5) years.**
8. **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.**
9. **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.**
10. Local sevice engineers: Must submit a list of factory trained local engineers with certificate of training from the manufacturer.
11. Warranty: One (1) year on parts and two (2) years on service.
12. Warranty period shall commence from the date of acceptance by the end-user after installation, testing and commissioning.
13. Provide free regular quarterly preventive maintenance during the warranty period.
14. 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.
15. The bidder must submit in writing that they will provide a functioning service unit with the same capability in case the machine needs repair during the warranty period. The service unit must be available within 24 hours.
16. The bidder must provide a quotation for the preventive maintenance cost after the warranty period expires.
17. 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.
18. Must provide original and hard copy of operators and service manuals upon delivery.
19. Include technical specifications (brochure / catalogue).
20. **All certifications (#7, #8 and # 9) required in the Terms & Conditions shall be placed in the Envelope 1 (Technical Component).**
21. The bidder guarantees that the bid offer is the lowest price in the market.
22. **The bidder is required to submit single bid for the item. Two or more Bids offer is automatically disqualified.**
23. **Compliance with the provisions of Republic Act No. 9184 and other applicable laws.**

Approved by:

Dean VICENTE O. MEDINA III, DDM, PhD
Chairperson

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

(Name & Address of Company)
\\JAE\04.NOV.2015