For Goods Offered From Abroad

Name of Bidder _____. Invitation to Bid[1] Number ___. Page ____ of _____.

1	2	3	4	5	6	7	8	9
Item	Description	Country of origin	Quantity	Unit price CIF port of entry (specify port) or CIP named place (specify border point or place of destination)	Total CIF or CIP price per item (col. 4 x 5)	Unit Price Delivered Duty Unpaid (DDU)	Unit price Delivered Duty Paid (DDP)	Total Price delivered DDP (col 4 x 8)

_____ _____

[signature] *[in the capacity of]*

Duly authorized to sign Bid for and on behalf of _____

[1] If ADB, JICA and WB funded projects, use IFB.

For Goods Offered From Within the Philippines

Name of Bidder _____. Invitation to Bid[2] Number _. Page . of ___.

1	2	3	4	5	6	7	8	9	10
Item	Description	Country of origin	Quantity	Unit price EXW per item	Transportation and Insurance and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)

_____ _____

[signature] *[in the capacity of]*

Duly authorized to sign Bid for and on behalf of _____

[2] If ADB, JICA and WB funded projects, use IFB.

Department of Health
Central Luzon Center for Health Development
MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL
P. Monroe Street, Poblacion, Mariveles, Bataan, Philippines, 2105
Trunkline: +63479354617; Office of the COH: +63476339006 mail@mmwgh.gov.ph mmwgh.gov.ph

TERMS OF REFERENCE

Name of Project

Supply, Delivery, Testing and Commissioning of Brand New
DIGITAL INDUSTRIAL MULTIMETER
(Public Bidding)

Technical Specification

Voltage

DC: Maximum voltage: 1000 V
Accuracy: ±(0.05% + 1) or better
Maximum resolution: 10µV

AC: Maximum voltage: 1000 V
Accuracy: ±(0.7% + 2) True RMS or better
AC bandwidth: 20 kHz with low pass filter; 3 dB at 1 kHz
Maximum resolution: 0.1 mV

Current

DC: Maximum amps: 10 A and can hold 20 A for 30 seconds maximum
Amps accuracy: ±(0.2% + 2) or better
Maximum resolution: 0.01µA

AC: Maximum amps: 10 A and can hold 20 A for 30 seconds maximum
Amps accuracy: ±(1.0% + 2) True RMS or better
Maximum resolution: 0.1µA

Resistance

Maximum resistance: 50 MΩ
Accuracy: ±(0.2% + 1) or better
Maximum resolution: 0.1 Ω

Capacitance

Maximum capacitance: 9,999µF
Accuracy: ±(1% + 2) or better
Maximum resolution: 0.01 nF

Frequency

Maximum frequency: 200 kHz
Accuracy: ±(0.005% + 1) or better
Maximum resolution: 0.01 Hz

Duty Cycle

Maximum duty cycle: 99.9%
Accuracy: ±(0.2% per kHz + 0.1%) or better
Maximum resolution: 0.1%
Range: Accuracy within ±(0.2% per kHz + 0.1%)

Temperature	
	Measurement: --200.0 to 1090°C excluding probe or wider Operating: at least -20 to + 55°C Storage: -40 to + 60°C
80 BK Temperature Probe	-40 to 500°F (-40 to 260°C), 35.96°F (2.2 °C) or 2% whichever is greater
Conductance	
	Maximum conductance: 60.00 nS Accuracy: ±(1.0% + 10) or better Maximum resolution: 0.01 nS
Diode	
	Range: 3 V Resolution: 1 mV Accuracy: ±(2% + 1) or better
Humidity (without condensation)	0 to 90% (32 to 95°F [0 to 35°C]) 0 to 70% (95 to 131°F [35 to 55°C])
Overvoltage Category	EN 61010-1 to 1000 V CAT III, 600V CAT IV
Agency Approvals	CE, CSA, RCM
Display (at least)	
	Digital: 6000 counts updates 4/seconds, 19,999 counts in high-resolution mode Analog: 32 segments, updates 40/seconds Frequency: 19,999 counts, updates 3/seonds at > 10 Hz
Shock	3.28' (1m) drop per IEC 61010-1:2001
Vibration	Per MIL-PRF-28800 for a Class 2 instrument
Power	Alkaline approximately 400 hours typical, without backlight at the minimum operation

With accessories:
Holster / Carrying Case
Shock Proof Cover
Test Leads
Temperature Probe or Thermocouple

Documentary Requirements

1. Product brochure or technical data sheet(s) of the equipment showing the technical specification in English language.

2. Valid and current Certificate of Compliance of manufacturer of the equipment with the latest version of ISO 13485: Quality Management System – Requirements for regulatory purposes in the name of the **manufacturer.** The Certificates must be issued by an independent Certifying Body/Agency.

3. Valid and latest ISO/IEC 17025; ISO 9001; ISO 134825 Certificate from the Manufacturer

4. Valid Calibration Certificate of the test tool in accordance to reference standards for calibration of biomedical test tools.

5. Valid Certificate of Authorized Distributor issued by the Manufacturer authorizing the bidder to sell/distribute the offered equipment.

6. Notarized Certificate from the bidder:
   a) That the brand of the equipment has been in the local and/or international market for at least ten (10) years.

   b) That the equipment and its accessories are brand new, unused, not discontinued models and were not subjected to any product recall.

Requirements if awarded the Contract

1. **Completion period:** The delivery, testing and commissioning of the equipment and its accessories, including the training of end-user and maintenance staff must be completed within **45 calendar days** upon receipt of the Notice to Proceed. Loaner unit of the same and similar model must be provided if supplier is not able to deliver within the delivery lead time

2. **Testing:** Prior to acceptance, the end user shall conduct a physical inspection and functionality test. The equipment must be functioning and must have no physical damage and defect.

3. **Training:** The supplier shall provide a training on proper use and maintenance of the equipment to the hospital's in-house biomedical engineer/technicians.

4. **Warranty:** Warranty certificate for **TWO (2) years** on parts and service with **TWO (2)** free calibration. The supplier shall replace any item or part in the equipment that is found to be defective in material or in workmanship under normal use and machine under warranty are replace "brand new". The warranty period shall commence from the date of acceptance by the end-user after testing and commissioning.

5. Notarized undertaking that the supplier shall conduct the necessary corrective maintenance within five (5) calendar days upon notification of equipment breakdown from the end-user. The undertaking shall include a statement that the number of days where the equipment is unusable due to defective material or workmanship, shall be added to warranty period.

6. **Manuals:** The supplier provide the end-user one (1) hard and/or one (1) soft copy if available of the following:
   a. Service manual in English language
   b. Operations manual in English language

Prepared by:

(Sgd.)
MEYNARD ANTHONY V. BANZON, ECE
Engineer II / Planning - HTMS

Approved by:

(Sgd.)
ZORAIDA F. AFABLE, MD
BAC Chairperson

(Sgd.)
CRISTAL GAY F. SUSI
Administrative Officer IV / Head, Planning

Department of Health
Central Luzon Center for Health Development
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TERMS OF REFERENCE

Name of Project

Supply, Delivery, Testing and Commissioning of Brand New
BIOMEDICAL DIGITAL TACHOMETER CONTACT/NON CONTACT
(Public Bidding)

Technical Specification

- With Contact or non-contact measurement
- Eight character display with floating decimal point Sixteen units of measure
- Unit measure always displayed
- Four memories (last, maximum, minimum and average)

Accuracy:	Angular Velocity: < 100 Hz: ±(0.025% reading + 1 digit) 100 to 1000 Hz: ±(0.05% reading + 1 digit) >1000 Hz: ±(0.1% reading + 1 digit) or better
Linear Measurement:	±0.2% ±1 LSD
Transducer:	Built-in photoelectric transducer, 12" operating distance.
Display:	8 character dot matrix LCD, adjustable for different viewing angles, 3/8" character height.
Memory:	Last reading, maximum, minimum and average.
Dimensions Unit:	Preferably compact 7-1/2" x 3-3/4" or less
Case:	Approximately 10-1/2" long, 7" wide, 2-3/8" deep or better to accommodate the equipment

Environmental Operating Temperature:	0°C to 50°C
Storage Temperature:	-20°C to 70°C
Humidity:	95% Relative Humidity

Documentary Requirements

1. Product brochure or technical data sheet(s) of the equipment showing the technical specification in English language.
2. Valid and current Certificate of Compliance of manufacturer of the equipment with the latest version of ISO 13485: Quality Management System – Requirements for regulatory purposes in the name of the **manufacturer.** The Certificates must be issued by an independent Certifying Body/Agency.
3. Valid Calibration Certificate of the test tool in accordance to reference standards for calibration of biomedical test tools.
4. Valid Certificate of Authorized Distributor issued by the Manufacturer authorizing the bidder to sell/distribute the offered equipment and must have an experience as registered and accredited supplier or authorized distributor of both test & measurement equipment and preventive maintenance & calibration service provider.
5. Valid SEC registration to engage in, conduct, and carry on the business of preventive maintenance, repair and calibration of all kinds of medical equipment and test and measurement equipment.
6. Proof such (such as sales invoice) that the Brand of the equipment has been sold to other health facilities in the Philippines.

7. Notarized Certificate from the bidder:
   a) That the brand of the equipment has been in the local and/or international market for at least ten (10) years.

   b) That the equipment and its accessories are brand new, unused, not discontinued models and were not subjected to any product recall.

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3. **Training:** The supplier shall provide a training on proper use and maintenance of the equipment to the hospital's in-house biomedical engineer/technicians.

4. **Warranty:** Warranty certificate for **TWO (2) years** on parts and service with **ONE (1)** free calibration. The supplier shall replace any item or part in the equipment that is found to be defective in material or in workmanship under normal use and machine under warranty are replace "brand new". The warranty period shall commence from the date of acceptance by the end-user after testing and commissioning.

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(Sgd.)
CRISTAL GAY F. SUSI
Administrative Officer IV / Head, Planning

Approved by:

(Sgd.)
ZORAIDA F. AFABLE, MD
BAC Chairperson

TERMS OF REFERENCE

Name of Project

Supply, Delivery, Testing and Commissioning of Brand New
ELECTRICAL SAFETY ANALYZER
(Public Bidding)

Technical Specification

ECG Simulator Function

- Built-in Five applied parts jacks and easy ECG snap connection
- ECG waveform tests and dual-lead measurements combine the functionality of a simulator and safety analyzer in a single test tool

Voltage	
Range (mains voltage)	Must be 90 V ac rms to 132 V ac rms & 180 V ac rms to 264 V ac rms
Range (accessible voltage)	0 V ac rms to 300 V ac rms
Accuracy	± (2 % of reading + 0.2 V)
Voltage tests	Mains and point to point
Earth resistance	
Modes	Two-Wire
Test current	> 200 mA ac
Ranges	0 Ω to 2 Ω
Accuracy	± (2 % of reading + 0.015 Ω)
Resistance tests	Earth resistance and point to point
Equipment current	
Mode	AC rms
Range	At least 0 A to 20 A
Accuracy	± (5 % of reading + (2 counts or 0.2 A, whichever is greater))
Duty cycle	15 A to 20 A, 5 min. on/5 min. off 10 A to 15 A, 7 min. on/3 min. off 0 A to 10 A continuous
Leakage current	
Modes	AC + DC (True rms) ; AC only ; DC only

Modes must be available in all leakage tests with the exception of MAP leakages that are available only in true rms

Patient load selection (input impedance)	AAMI ES1-1993 ; IEC 60601
Crest factor	≤ 3
Ranges	0 µA to 199.9 µA ; 200 µA to 1999 µA ; 2 mA to 10 mA
Frequency response / accuracy	
DC to 1 kHz	± (1 % of reading + (1 µA or 1 LSB, whichever is greater))
1 kHz to 100 kHz	± (2 % of reading + (1 µA or 1 LSB, whichever is greater))
1 kHz to 5 kHz (current > 1.6 mA)	± (4 % of reading + (1 µA or 1 LSD, whichever is greater))
100 kHz to 1 MHz	± (5 % of reading + (1 µA or 1 LSB, whichever is greater))

	Accuracy for Isolation, MAP, Direct AP, Alternative AP, and Alternative Equipment leakage tests all ranges are: At 120 V ac + (2.5 µA or 1 LSD, whichever is greater) At 230 V ac additional ±3.0 % and + (2.5 µA or 1 LSD (Least Significant Digit) whichever is greater) For Alternative equipment, Alternative AP, and Direct AP leakage tests, the leakage values are compensated for nominal mains as per 62353. Therefore, the accuracy specified for other leakages is not applicable.
Leakage tests	Ground wire (earth) Chassis (enclosure) Lead to ground (patient) Lead to lead (patient auxiliary) Lead isolation (mains on applied part) Direct equipment Direct applied part Alternative equipment Alternative applied part Point to point
Mains on applied part test voltage	100 % ± 7 % of Mains for AAMI, current limited to 1 mA ±25 % per AAMI 100 % ± 7 % of Mains for IEC 62353 current limited to 3.5 mA ± 25 % per IEC 62353 100 % ± 7 % of Mains for IEC 60601-1 current limited to 7.5 mA ± 25 % per IEC 60601-1
Differential leakage	
Ranges	At least 75 µ A to 199 µA At least 200 µA to 1999 µA At least 2 mA to 20 mA
Accuracy	± (10 % of reading + (2 counts or 20 µA, whichever is greater))
Insulation resistance	
Ranges	0.5 MΩ to 20 MΩ 20 MΩ to 100 MΩ
Accuracy	± (2 % of reading + 0.2 MΩ) ± (7.5 % of reading + 0.2 MΩ)
Source test voltage	500 V dc or 250 V dc (+ 20 %, -0 %) 2.0 ± 0.25 mA short-circuit current
Insulation resistance tests	Mains-PE, AP-PE, Mains- PE, Mains-NE (non-earthed accessible conductive part) and AP- NE (non-earthed accessible conductive part)
ECG performance waveforms	
Accuracy	± 2 % ± 5 % for amplitude of 2 Hz Square wave only, fixed @ 1 mV Lead II configuration
ECG Complex rates:	30 BPM, 60 BPM, 120 BPM, 180 BPM, and 240 BPM
Ventricular Fibrillation	
Square wave (50 % duty cycle)	0.125 Hz and 2 Hz
Sine wave	10 Hz, 40 Hz, 50 Hz, 60 Hz, and 100 Hz
Triangle wave	2 Hz

Pulse (63 ms pulse width)	30 BPM and 60 BPM
Test Standards	
Available Selections	ANSI/AAMI ES-1, IEC62353, IEC60601-1, and AN/NZS 3551
Built-in Autosequences	
IEC60601-1 2nd Edition	Patient Monitor, Defibrillator, Infusion Pump, Ultrasound Device, Generic Device and System
IEC62353	Patient Monitor, Defibrillator, Infusion Pump, Ultrasound Device and Generic Device
NFPA-99 (Hospital)	Patient Monitor, Defibrillator, Infusion Pump, Ultrasound Device and Generic Device
ANSI/AAMI ES-1	Patient Monitor, Defibrillator, Infusion Pump, Ultrasound Device and Generic Device
Communications	
USB Device Upstream Port	Mini-B connector for control by a computer
USB Host Controller Port	Type A, 5 V output, 0.5 A max load. Connector for keyboard and barcode reader
Modes of Operation	Manual and remote
Power ratings	
Mains voltage outlet	120 V ac and/or 230 V ac
Mains voltage inlet power range	90 V ac rms to 132 V ac rms, 180 V ac rms to 264 V ac rms
Maximum current	20 A, 16 A
Hz	47 to 63 Hz
Physical case	
Dimensions (WxDxH)	Preferably compact at least 17.6 cm x 8.4 cm x 28.5 cm (6.9 in x 3.3 in x 11.2 in)
Weight	Preferably lightweight 1.6 kg to 2 kg (3.5 lb to 4.4 lb)

Documentary Requirements

1. Product brochure or technical data sheet(s) of the equipment showing the technical specification in English language.
2. Valid and current Certificate of Compliance of manufacturer of the equipment with the latest version of ISO 13485: Quality Management System – Requirements for regulatory purposes in the name of the **manufacturer.** The Certificates must be issued by an independent Certifying Body/Agency.
3. Valid and latest ISO/IEC 17025; ISO 9001; ISO 134825 Certificate from the Manufacturer
4. Valid Calibration Certificate of the test tool in accordance to reference standards for calibration of biomedical test tools.
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TERMS OF REFERENCE

Name of Project
Supply, Delivery, Testing and Commissioning of Brand New **GAS FLOW ANALYZER VENTILATOR (FLOW, O2, VENTILATOR)** **(Public Bidding)**

Technical Specification

Features

Battery life hours	At least 8 hrs
Charge time in hours	5 hrs at most
Memory	Internal Memory installed
Connection type	USB, Micro-B device port
Weight	Preferable lightweight of at most 3.6 to 4.0 lb (1.6 kg to 1.8 kg)
Product dimensions (L x W x H)	Preferably compact 23.9 x 18.8 x 7.6 cm or smaller
Display	Touch screen and color display; at least 7 inches
Single full-range channel	Capable of single full-range

Flow

Full range flow channel (includes both low and high flow, flow specifications are with laminar flow input)

Range	0 to ±200 slpm
Accuracy	±2.0% of reading or 0.04 slpm at most or better
Range	200 to 300 slpm, -200 to -300 slpm, -22 to - 14 slpm, +7.5 to +9.5 slpm
Accuracy	±2.5% of reading or better

Volume

Range	±100 L
Accuracy	±2.0 % or 0.02 L or better

Pressure

High pressure	
Range	-0.8 to 10 bar
Accuracy	±1 % or ±0.007 bar or better
Differential low pressure	
Range	±160 mbar
Accuracy	±0.5 % or ±0.1 mbar or better
Airway pressure	
Range	±160 mbar
Accuracy	±0.5 % or ±0.1 mbar or better
Barometric pressure	
Range	550 to 1240 mbar
Accuracy	±1 % or ±5 mbar or better

Others	
Temperature	
Range	0 to 50 °C
Accuracy	±0.5 °C or better
Resolution	0.1 °C
Humidity	
Range	0 to 100 % RH
Accuracy	±3 % RH (20 to 80 % RH) ±5 % RH (20< or >80 % RH)
Oxygen	
Range	0 to 100 %
Accuracy	±1 %
Breath parameters	
Inspiratory tidal volume range	0 to 60 l
Inspiratory tidal volume accuracy	±2.0 % or 5 ml or better
Expiratory tidal volume range	0 to 60 l or better
Expiratory tidal volume accuracy	±2.0 % or 5 ml or better
Minute volume range	0 to 100 l
Minute volume accuracy	±2.0 % or 5 ml or better
Breath rate range	1 to 1500 bpm
Breath rate accuracy	±1 % or better
Inspiratory to expiratory time ratio (I:E) range	1:300 to 300:1
Inspiratory to expiratory time ratio (I:E) accuracy	±2 % or 0.1 or better
Peak inspiratory pressure (PIP) range	±160 mbar
Peak inspiratory pressure (PIP) accuracy	±0.75 % or 0.1 mbar or better
Inspiratory pause pressure range	±160 mbar
Inspiratory pause pressure accuracy	±0.75 % or 0.1 mbar
Mean airway pressure range	±160 mbar
Mean airway pressure accuracy	±0.75 % or 0.1 mbar or better
Positive end expiratory pressure (PEEP) range	±160 mbar
Positive end expiratory pressure (PEEP) accuracy	±0.75 % or 0.1 mbar or better
Lung compliance range	0 to 1000 ml/mbar
Lung compliance accuracy	±3 % or 0.1 ml/mbar or better
Inspiratory time range	0 to 60 s
Inspiratory time accuracy	0.02 s or better
Inspiratory hold time range	0 to 60 s
Inspiratory hold time accuracy	1 % or 0.1 s or better
Expiratory time range	0 to 90 s
Expiratory time accuracy	0.5 % or 0.01 s or better
Expiratory hold time range	0 to 90 s
Expiratory hold time accuracy	0.02 s or better
Peak expiratory flow range	±300 lpm
Peak expiratory flow accuracy	±2.0 % or 0.04 lpm or better
Peak inspiratory flow range	±300 lpm
Peak inspiratory flow accuracy	±2.0 % or 0.04 lpm or better

Gas corrections	Gas types
ATP (ambient temp/pressure, actual humidity)	Air
ATPD (ambient temp/pressure, dry)	Nitrogen (N2)
ATPS (ambient temp/pressure, saturated)	Nitrous Oxide (N2O)
STP20 (20 °C temp/pressure 760 mmHg, actual humidity)	Carbon Dioxide (CO2)
STP21 (21 °C temp/pressure 760 mmHg, actual humidity)	Oxygen (O2)
STPD0 (0 °C temp/pressure 760 mmHg, dry)	Argon
STPD20 (20 °C temp/pressure 760 mmHg, dry)	Heliox (21 % O2, 79% He)
STP or STPD21 (21 °C temp/pressure 760 mmHg, dry)	Oxygen/Nitrogen
BTPS (body temp 37 °C/ambient pressure 760 mmHg, saturated)	Oxygen/Nitrous Oxide
BTPD (body temp 37 °C/ambient pressure 760 mmHg, dry)	

Environmental Parameters

Operating Temperature	10 ºC to 40 ºC
Storage Temperature	0 ºC to 50 ºC
Autoclaveable	Autoclavable at 134°C

Double-conus multi-connector (OD 22 conical, ID 15 conical)

Performance

Static Compliance	25 mL/mbar at Vt = 500mL, PEEP = 0 mbar
Resistance	20 mbar/L/s
Capacity	0 - 1000 mL (with 1L bag)
Ventilator Circuit Connection	ISO 15 mm male

Documentary Requirements

1. Product brochure or technical data sheet(s) of the equipment showing the technical specification in English language.
2. Valid and current Certificate of Compliance of manufacturer of the equipment with the latest version of ISO 13485: Quality Management System – Requirements for regulatory purposes in the name of the **manufacturer.** The Certificates must be issued by an independent Certifying Body/Agency.
3. Valid and latest ISO/IEC 17025; ISO 9001; ISO 134825 Certificate from the Manufacturer
4. Valid Calibration Certificate of the test tool in accordance to reference standards for calibration of biomedical test tools.
5. Valid Certificate of Authorized Distributor issued by the Manufacturer authorizing the bidder to sell/distribute the offered equipment.
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Administrative Officer IV / Head, Planning

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BAC Chairperson

TERMS OF REFERENCE

Name of Project	
Supply, Delivery, Testing and Commissioning of Brand New **INFUSION DEVICE ANALYZER** **(Public Bidding)**	
Technical Specification	
Flow rate measurement	
Method	Flow is calculated by measuring volume over time
Range	0.1 ml/h to 1500 ml/h
Accuracy	1 % of reading ±1 LSD (Least Significant Digit) for flows of 16 to 200 ml/h for volumes over 20 ml, otherwise 2 % of reading ±1 LSD for volumes over 10 ml under laboratory conditions. Degassed water at 15 °C to 30 °C (59 °F to 86 °F) is recommended for long tests.
Max test duration	maximum duration of 100 hours
Volume measurement	
Method	Volume is measured directly by the measuring module in minimum sample sizes of 60 ul
Range	0.06 ml to 9999 ml
Accuracy	1 % of reading ±1 LSD for flow rates of 16 ml/h to 200 ml/h for volumes over 20 ml. Otherwise 2 % of reading ±1 LSD for volumes over 10 ml under laboratory conditions.
Max test duration	100 hours
PCA bolus/dual flow measurement	
Minimum bolus volume	At least 0.5 ml
Resolution	60 ul increments
Max test duration	100 hours
Pressure measurement	
Method (back pressure and flow test)	Direct measurement of pressure at the inlet port
Range	0 psi to 45 psi or equivalent in mmHg and kPa
Accuracy	1 % of full scale ±1 LSD under laboratory conditions
Max test duration	1 hour
Templates	Predetermined test sequences. Typical capacity 200
Storage of results	Typical capacity 250 tests for later viewing, printing or transfer to PC
Operating voltage range	100 V ac to 240 V ac
Supply frequency	50/60 Hz
Supply power	<50 VA
Size (HxWxD)	preferably compact 30 cm x 20 cm x 20 cm (12 in x 8 in x 8 in) or smaller
Weight	Lesser or equals to 4kg
Altitude	0 m to 3000 m (0 ft to 10000 ft)
Temperature	
Operating	15 °C to 30 °C (59 °F to 86 °F)
Storage	-20 °C to +40 °C (-4 °F to +104 °F) when drained of all liquid

Humidity	10 % to 90 % non-condensing

Documentary Requirements

1. Product brochure or technical data sheet(s) of the equipment showing the technical specification in English language.

2. Valid and current Certificate of Compliance of manufacturer of the equipment with the latest version of ISO 13485: Quality Management System – Requirements for regulatory purposes in the name of the **manufacturer.** The Certificates must be issued by an independent Certifying Body/Agency.

3. Valid and latest ISO/IEC 17025; ISO 9001; ISO 134825 Certificate from the Manufacturer

4. Valid Calibration Certificate of the test tool in accordance to reference standards for calibration of biomedical test tools and IEC 60601-2-24 for infusion devices.

5. Valid Certificate of Authorized Distributor issued by the Manufacturer authorizing the bidder to sell/distribute the offered equipment.

6. Proof such (such as sales invoice) that the Brand of the equipment has been sold to other health facilities in the Philippines.

7. Notarized Certificate from the bidder:
   a) That the brand of the equipment has been in the local and/or international market for at least ten (10) years.

   b) That the equipment and its accessories are brand new, unused, not discontinued models and were not subjected to any product recall.

Requirements if awarded the Contract

1. **Completion period:** The delivery, testing and commissioning of the equipment and its accessories, including the training of end-user and maintenance staff must be completed within **45 calendar days** upon receipt of the Notice to Proceed. Loaner unit of the same and similar model must be provided if supplier is not able to deliver within the delivery lead time

2. **Testing:** Prior to acceptance, the end user shall conduct a physical inspection and functionality test. The equipment must be functioning and must have no physical damage and defect.

3. **Training:** The supplier shall provide a training on proper use and maintenance of the equipment to the hospital's in-house biomedical engineer/technicians.

4. **Warranty:** Warranty certificate for **TWO (2) years** on parts and service with **TWO (2)** free calibration. The supplier shall replace any item or part in the equipment that is found to be defective in material or in workmanship under normal use and machine under warranty are replace "brand new". The warranty period shall commence from the date of acceptance by the end-user after testing and commissioning.

5. Notarized undertaking that the supplier shall conduct the necessary corrective maintenance within five (5) calendar days upon notification of equipment breakdown from the end-user. The undertaking shall include a

statement that the number of days where the equipment is unusable due to defective material or workmanship, shall be added to warranty period.

6. **Manuals:** The supplier provide the end-user one (1) hard and/or one (1) soft copy if available of the following:
   a. Service manual in English language
   b. Operations manual in English language

Prepared by:

(Sgd.)
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Approved by:

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TERMS OF REFERENCE

Name of Project

Supply, Delivery, Testing and Commissioning of Brand New
PATIENT MONITOR SIMULATOR 3 IN 1 WITH ECG SIMULATOR, SPO2 SIMULATOR, THERMOMETER, NIBP SIMULATOR
(Public Bidding)

Technical Specification

Capable of testing for IBP, NIBP, Temperature, ECG (including fetal/ maternal ECG), Respiration, Cardiac Output, SPO2 and Rainbow waveforms

Humidity	10 % to 90 % non-condensing
Dimensions (L x W x H)	Preferably compact 14.5 cm x 30.2 cm x 8.6 cm (5.7 in x 11.9 in x 3.4 in) or smaller
Display	At least LCD color display
Communication	USB device upstream port : Mini-B connector for remote control by a computer USB host controller port : Type A, 5 V output, 0.5 A max load. Connector for keyboard, barcode reader, and printer
Software compatibility	Have capabilities for remote function to be activated with additional manufacturer software
Power	Lithium-ion rechargeable battery
Battery charger	100 V to 240 V input, 15 V/2.0 A output. For best performance, the battery charger should be connected to a properly-grounded ac receptacle
Battery life	9 hours (minimum), 100 NIBP cycles typical
Weight	Must be lightweight or less than 2kg
Safety standards	IEC/EN 61010-1 latest edition; Pollution degree 2 CAT None compliant
Certifications	CE, CSA, C-TICK N10140, RoHS certified
Electromagnetic compatibility (EMC)	IEC 61326-1:2012 compliant

Normal-sinus-rhythm waveform

High-level output	0.5 V/mV ± 5 % of the ECG amplitude setting available on a BNC connector
Amplitude	0.05 mV to 0.5 mV (0.05 mV steps); 0.5 mV to 5.0 mV (0.25 mV steps) Other leads are proportional to reference lead in percentage
Amplitude accuracy	± (2 % of setting + 0.05 mV)
ECG rate	10 BPM to 360 BPM in 1 BPM steps
Rate accuracy	± 1 % of setting
ECG waveform selection	Adult (80 ms) or pediatric (40 ms) QRS duration
ST-segment elevation	Adult mode only. -0.8 mV to +0.8 mV (0.1 mV steps). Additional steps: + 0.05 mV and - 0.05 mV
Power-on default	60 BPM, 1.0 mV, adult QRS and ST-segment elevation of 0 mV

Pacemaker waveform

Pacer pulse	Amplitude: 0 (off), ± 2, ± 4, ± 6, ± 8, ± 10, ± 12, ± 14, ± 16, ± 18, ± 20, ± 50, ± 100, ± 200, ± 500, and ± 700 mV for reference lead Accuracy: For reference lead II at least ± (5 % setting + 0.2 mV) All other leads: at least ± (10 % setting + 0.4 mV)

Pacer pulse width	0.1 ms, 0.2 ms, 0.5 ms, 1 ms, and 2 ms ± 5 %
Paced arrhythmias	Atrial 80 BPM, Asynchronous 75 BPM, Noncapture (one time), Demand with frequent sinus beats, Demand with occasional sinus beats, Atrio-ventricular sequential, Nonfunction
Power-on default	Amplitude of 5 mV and width of 1ms in atrial waveform
Arrhythmia	
Baseline Normal Sinus Rhythm	At least 80 BPM
Premature ventricular contractions focus	Left focus, standard timing (can be specified)
	Supraventricular arrhythmia
	Premature arrhythmia
	Ventricular arrhythmia
Conduction defect	First-, second-, or third-degree heart block; and right- or left-bundle branch block
Advanced cardiac life support	Shockable pulseless arrest rhythms
	Non-shockable pulseless arrest rhythms
	Symptomatic bradycardia
Advanced cardiac life support cont.	Symptomatic tachycardia: regular narrow-complex tachycardia (QRS < 0.12 seconds)
	Irregular tachycardia
ECG Performance testing	
Amplitude	0.05 mV to 0.5 mV (0.05 mV steps); 0.5 mV to 5.0 mV (0.25 mV steps)
	Other leads are proportional to reference lead in percentage per:
Pulse wave	At least 30 BPM, 60 BPM, with 60 ms pulse width
Square wave	At least 0.125 Hz, 2 Hz, 2.5 Hz
Triangle wave	At least 0.125 Hz, 2 Hz, 2.5 Hz
Sine wave	At least 0.05 Hz, 0.5 Hz, 1, 2 Hz, 5 Hz, 10 Hz, 25 Hz, 30 Hz, 40 Hz, 50 Hz, 60 Hz, 100 Hz, and 150 Hz
R-wave detection	Waveform: Triangular pulse
	Rate : 30 BPM, 60 BPM, 80 BPM, 120 BPM, 200 BPM, and 250 BPM
QRS detection	Widths : 8 ms to 20 ms in 2 ms steps, and 20 ms to 200 ms in 10 ms steps
	Rate : 30 BPM, 60 BPM, 80 BPM, 120 BPM, 200 BPM, and 250 BPM
Tall T-wave rejection	Waveform : QT Interval 350 ms, T-Wave width 180 ms, T-Wave shape ½ sinewave
	Amplitude : 0 % - 150 % reference lead amplitude in 10 % steps
	Rate : 80 BPM
Rate accuracy	± 1 % of setting
Amplitute accuracy	± (2 % of setting + 0.05 mV)
ECG artifact	
Type	50 Hz, 60 Hz, muscular, baseline wander, respiration
Size	25 %, 50 %, 100 % of the normal sinus R-Wave for each lead
Lead select	All, RA, LL, LA, V1, V2, V3, V4, V5, V6
Fetal/Maternal ECG	
Fetal heart rate (fixed)	60 BPM to 240 BPM in 1 BPM steps
Fetal heart rate (IUP)	140 BPM at beginning, then varies with pressure
Intrauterine-pressure waveforms	Early deceleration, late deceleration, and acceleration

Wave duration	90 seconds, bell-shaped pressure curve, from 0 mmHg to 90 mmHg and returning to 0
IUP period	2 min, 3 min, or 5 minutes; and manual
Default settings	FHR 140 BPM, early deceleration wave, manual
Invasive Blood Pressure	
Channels	Minimum 2 channels, each independently settable with identical parameters and are individually electrically isolated from all other signals
Input/output impedance	300 Ω ± 10 %
Exciter input range	2 to 16 V peak
Exciter-input frequency range	DC to 5000 Hz
Transducer sensitivity	5 (default) or at least 40 µV/V/mmHg
Pressure accuracy	± (1 % of setting + 1 mmHg) accuracy guaranteed for dc excitation only
Static pressure	- 10 to + 300 mmHg in 1 mmHg steps
Pressure units	mmHg or Kpa
Dynamic waveforms	Types: Arterial (120/80), Radial artery (120/80), Left ventricle (120/00), Right ventricle (25/00), Pulmonary artery (25/10), Pulmonary-artery wedge (10/2), Right atrium (central venous or CV)(15/10) Pressure variability: Systolic and diastolic pressures are independently variable in 1 mmHg steps
Swan-Ganz sequence	Right atrium, right ventrical (RV), pulmonary artery (PA), pulmonary artery wedge (PAW)
Cardiac catheterization	Chambers: Aortic, pulmonary valve, and mitral valve
Respiration artifact	Arterial, radial artery, and left ventricle : 5 % to 10 % multiplication Other : 5 mmHg or 10 mmHg
BP output	at least Circular DIN 5-Pin
Power-on default	must be 0 mmHg
Respiration	
Rate	0 (OFF), 10 BrPM to 150 BrPM in at least 1 BrPM steps
Waves	Normal or ventilated
Ratio (inspiration:expiration)	Normal : 1:1, 1:2, 1:3, 1:4, 1:5 Ventilated : '1:1
Impedance variations (Δ Ω)	0.00 Ω to 1.00 Ω in 0.05 Ω steps and 1 Ω to 5 Ω in 0.25 Ω steps
Accuracy delta	± (5 % of setting + 0.1 Ω)
Baseline	500 Ω, 1000 Ω (default), 1500 Ω, 2000 Ω, Leads I, II, III
Accuracy baseline	At most ± 5 %
Respiration lead	LA or LL (default)
Apnea selection	12 sec, 22 sec, or 32 seconds (one-time events), or continuous
Power-on default	20 BrPM, delta 1.0 Ω
Temperature	
Temperature	30 °C to 42.0 °C in 0.5 °C steps
Accuracy	± 0.4 °C
Compatibility	Yellow Springs, Inc. (YSI) Series 400 and 700
Output	At least Circular DIN 4-Pin
Cardiac output	
Catheter type	Baxter Edwards, 93a-131-7f

Calibration coefficient	At least 0.542 (0 °C injectate), 0.595 (24 °C injectate)
Blood temperature	36 °C (98.6 °F) to 38 °C (100.4 °F) ± 0.2 °C in 1 °C steps
Injectate volume	At most 10 cc
Injectate temperature	0 °C or 24 °C
Cardiac output	2.5, 5, 10 liters per minute ± 7.5 %
Faulty-injectate curve	Waveform for simulation available
Left-to-right-shunt curve	Waveform for simulation available
Calibrated pulse	1.5 ° for 1 second
Connector	Circular DIN 7 pin
Power-on default	5 liters per minute, 0 °C injectate, 37 °C blood temperature
Non-invasive blood pressure	
Pressure units	mmHg or kPa
Manometer (pressure meter)	Range : 10 mmHg to 400 mmHg Resolution : 0.1 mmHg Accuracy : ± (0.5 % reading + 0.5 mmHg)
Pressure source	Target pressure range : 20 mmHg to 400 mmHg at most Resolution : 1mmHg
NIBP simulations	Pulse : 2 mmHg max into 500 ml NIBP system Volume of air moved : 1.25 ml max
Simulations (systolic/diastolic [MAP])	Simulations (systolic/diastolic {MAP}) : Adult: 60/30 (40), 80/50 (60); 100/65 (77); 120/80 (93); 150/100 (117); and 200/150 (167) and 255/195 (215) Neonatal: 35/15 (22); 60/30 (40); 80/50 (60); 100/65 (77); 120/80 (93) and 150/100
Leak test	Target pressure : 20 mmHg to 400mmHg at most Elapse time : 0:30 min to 5:00 minutes: seconds in 30 second steps Leakage rate : 0 mmHg/minute to 200 mmHg/minute
Pressure relief test range	100 to 400 mmHg
Oximeter SpO2 optical emitter and detector	
% O2	Range : 30 % to 100 % Resolution : 1 %
% O2 accuracy	With oximeter manufacturer's R-curve : Saturation within UUT specific range: ± (1 count + specified accuracy of the UUT) Saturation outside UUT specific range: monotonic with unspecified accuracy
Heart rate	30 BPM to 300 BPM in 1 BPM steps. Oximeter SpO2 optical emitter and detector is synchronized with ECG rate delayed by 150 ms.
Transmission: ratio of detector current to LED current, expressed in parts per million expressed in parts per million (ppm)	
	Range : 0 ppm - 300 ppm Resolution : 0.01 ppm Accuracy : + 50 %/- 30 % for compatible
Pulse amplitude	Range : 0 % to 20 % Resolution: 0.01%
Compatible manufacturer products	Nellcor, Masimo, Nonin, Nihon Kohden, Mindray, GE-Ohmeda, Philips/HP, BCI
Masimo Rainbow technology	Capable of testing for Rainbow multiple wavelength systems
Must Have Pre-Defined Simulations of Normal, Hypertensive, Hypotensive, Tachycardia, Brady Cardiac, Ventricular Fibrillation, Asystole	

Documentary Requirements

1. Product brochure or technical data sheet(s) of the equipment showing the technical specification in English language.

2. Valid and current Certificate of Compliance of manufacturer of the equipment with the latest version of ISO 13485: Quality Management System – Requirements for regulatory purposes in the name of the **manufacturer.** The Certificates must be issued by an independent Certifying Body/Agency.

3. Valid and latest ISO/IEC 17025; ISO 9001; ISO 134825 Certificate from the Manufacturer

4. Valid Calibration Certificate of the test tool in accordance to reference standards for calibration of biomedical test tools.

5. Valid Certificate of Authorized Distributor issued by the Manufacturer authorizing the bidder to sell/distribute the offered equipment.

6. Proof such (such as sales invoice) that the Brand of the equipment has been sold to other health facilities in the Philippines.

7. Notarized Certificate from the bidder:
   a) That the brand of the equipment has been in the local and/or international market for at least ten (10) years.

   b) That the equipment and its accessories are brand new, unused, not discontinued models and were not subjected to any product recall.

Requirements if awarded the Contract

1. **Completion period:** The delivery, testing and commissioning of the equipment and its accessories, including the training of end-user and maintenance staff must be completed within **45 calendar days** upon receipt of the Notice to Proceed. Loaner unit of the same and similar model must be provided if supplier is not able to deliver within the delivery lead time

2. **Testing:** Prior to acceptance, the end user shall conduct a physical inspection and functionality test. The equipment must be functioning and must have no physical damage and defect.

3. **Training:** The supplier shall provide a training on proper use and maintenance of the equipment to the hospital's in-house biomedical engineer/technicians.

4. **Warranty:** Warranty certificate for **TWO (2) years** on parts and service with **TWO (2)** free calibration. The supplier shall replace any item or part in the equipment that is found to be defective in material or in workmanship under normal use and machine under warranty are replace "brand new". The warranty period shall commence from the date of acceptance by the end-user after testing and commissioning.

5. Notarized undertaking that the supplier shall conduct the necessary corrective maintenance within five (5) calendar days upon notification of equipment breakdown from the end-user. The undertaking shall include a

statement that the number of days where the equipment is unusable due to defective material or workmanship, shall be added to warranty period.

6. **Manuals:** The supplier provide the end-user one (1) hard and/or one (1) soft copy if available of the following:
   a. Service manual in English language
   b. Operations manual in English language

Prepared by:

(Sgd.)
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Engineer II / Planning - HTMS

(Sgd.)
CRISTAL GAY F. SUSI
Administrative Officer IV / Head, Planning

Approved by:

(Sgd.)
ZORAIDA F. AFABLE, MD
BAC Chairperson

TERMS OF REFERENCE

Name of Project
Supply, Delivery, Testing and Commissioning of Brand New **SOLDERING PRO STATION** **(Public Bidding)**
Technical Specification

3 in 1 Digital Hot Air Heat Gun BGA Rework Soldering Station with Electric Soldering Iron and Infrared Preheating Station

Soldering Machine with Display and Controls

Hot air gun parameters:

- Rated voltage: AC 220V 50/60HZ
- Type: brushless fan, soft wind
- Air flow: 120L (max)
- Temperature range: 100 degree Celsius - 500 degree Celsius
- Handle assembly length: at most 120CM
- Noise: preferably below or equal to 45db

Soldering station parameters:

- Output Voltage: AC 24V
- Temperature range: 100 degree Celsius - 500 degree Celsius
- Ground potential: 2mV or less
- Ground Impedance: 2 Ohms or less
- Heating element: ceramic heating element
- Heater power: 50W

Preheater parameters:

- Maximum power: 605W
- Fever Type: far infrared heating plate
- Temperature range: 100 degree Celsius - 500 degree Celsius
- Dimensions: preferably 221mm × 251mm × 112mm

Documentary Requirements

1. Product brochure or technical data sheet(s) of the equipment showing the technical specification in English language.

2. Valid and current Certificate of Compliance of manufacturer of the equipment with the latest version of ISO 9001: Quality Management System – Requirements for regulatory purposes in the name of the **manufacturer.** The Certificates must be issued by an independent Certifying Body/Agency.

3. Valid Certificate of Authorized Distributor issued by the Manufacturer authorizing the bidder to sell/distribute the offered equipment.

4. Proof such (such as sales invoice) that the Brand of the equipment has been sold to other health facilities in the Philippines.

Requirements if awarded the Contract

1. **Completion period:** The delivery, testing and commissioning of the equipment and its accessories, including the training of end-user and maintenance staff must be completed within **45 calendar days** upon receipt of the Notice to Proceed.

2. **Testing:** Prior to acceptance, the end user shall conduct a physical inspection and functionality test. The equipment must be functioning and must have no physical damage and defect.

3. **Training:** The supplier shall provide a training on proper use and maintenance of the equipment to the hospital's in-house biomedical engineer/technicians.

4. **Warranty:** Warranty certificate for **ONE (1) year** on parts and service. The supplier shall replace any item or part in the equipment that is found to be defective in material or in workmanship under normal use and machine under warranty are replace "brand new". The warranty period shall commence from the date of acceptance by the end-user after testing and commissioning.

5. Notarized undertaking that the supplier shall conduct the necessary corrective maintenance within five (5) calendar days upon notification of equipment breakdown from the end-user. The undertaking shall include a statement that the number of days where the equipment is unusable due to defective material or workmanship, shall be added to warranty period.

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   a. Service manual in English language
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Approved by:

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ZORAIDA F. AFABLE, MD
BAC Chairperson

PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

Procurement of Biomedical Tools
2023-11

Government of the Republic of the Philippines

Sixth Edition
July 2020

Preface

These Philippine Bidding Documents (PBDs) for the procurement of Goods through Competitive Bidding have been prepared by the Government of the Philippines for use by any branch, constitutional commission or office, agency, department, bureau, office, or instrumentality of the Government of the Philippines, National Government Agencies, including Government-Owned and/or Controlled Corporations, Government Financing Institutions, State Universities and Colleges, and Local Government Unit. The procedures and practices presented in this document have been developed through broad experience, and are for mandatory use in projects that are financed in whole or in part by the Government of the Philippines or any foreign government/foreign or international financing institution in accordance with the provisions of the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184.

The Bidding Documents shall clearly and adequately define, among others: (i) the objectives, scope, and expected outputs and/or results of the proposed contract or Framework Agreement, as the case may be; (ii) the eligibility requirements of Bidders; (iii) the expected contract or Framework Agreement duration, the estimated quantity in the case of procurement of goods, delivery schedule and/or time frame; and (iv) the obligations, duties, and/or functions of the winning bidder.

Care should be taken to check the relevance of the provisions of the PBDs against the requirements of the specific Goods to be procured. If duplication of a subject is inevitable in other sections of the document prepared by the Procuring Entity, care must be exercised to avoid contradictions between clauses dealing with the same matter.

Moreover, each section is prepared with notes intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They shall not be included in the final documents. The following general directions should be observed when using the documents:

a. All the documents listed in the Table of Contents are normally required for the procurement of Goods. However, they should be adapted as necessary to the circumstances of the particular Procurement Project.

b. Specific details, such as the "*name of the Procuring Entity*" and "*address for bid submission*," should be furnished in the Instructions to Bidders, Bid Data Sheet, and Special Conditions of Contract. The final documents should contain neither blank spaces nor options.

c. This Preface and the footnotes or notes in italics included in the Invitation to Bid, Bid Data Sheet, General Conditions of Contract, Special Conditions of Contract, Schedule of Requirements, and Specifications are not part of the text of the final document, although they contain instructions that the Procuring Entity should strictly follow.

d. The cover should be modified as required to identify the Bidding Documents as to the Procurement Project, Project Identification Number, and Procuring Entity, in addition to the date of issue.

e. Modifications for specific Procurement Project details should be provided in the Special Conditions of Contract as amendments to the Conditions of Contract. For easy completion, whenever reference has to be made to specific clauses in the Bid Data Sheet or Special Conditions of Contract, these terms shall be printed in bold typeface on Sections I (Instructions to Bidders) and III (General Conditions of Contract), respectively.

f. For guidelines on the use of Bidding Forms and the procurement of Foreign-Assisted Projects, these will be covered by a separate issuance of the Government Procurement Policy Board.

Table of Contents

Glossary of Acronyms, Terms, and Abbreviations

ABC – Approved Budget for the Contract.

BAC – Bids and Awards Committee.

Bid – A signed offer or proposal to undertake a contract submitted by a bidder in response to and in consonance with the requirements of the bidding documents. Also referred to as *Proposal* and *Tender.* (2016 revised IRR, Section 5[c])

Bidder – Refers to a contractor, manufacturer, supplier, distributor and/or consultant who submits a bid in response to the requirements of the Bidding Documents. (2016 revised IRR, Section 5[d])

Bidding Documents – The documents issued by the Procuring Entity as the bases for bids, furnishing all information necessary for a prospective bidder to prepare a bid for the Goods, Infrastructure Projects, and/or Consulting Services required by the Procuring Entity. (2016 revised IRR, Section 5[e])

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

Consulting Services – Refer to services for Infrastructure Projects and other types of projects or activities of the GOP requiring adequate external technical and professional expertise that are beyond the capability and/or capacity of the GOP to undertake such as, but not limited to: (i) advisory and review services; (ii) pre-investment or feasibility studies; (iii) design; (iv) construction supervision; (v) management and related services; and (vi) other technical services or special studies. (2016 revised IRR, Section 5[i])

CDA - Cooperative Development Authority.

Contract – Refers to the agreement entered into between the Procuring Entity and the Supplier or Manufacturer or Distributor or Service Provider for procurement of Goods and Services; Contractor for Procurement of Infrastructure Projects; or Consultant or Consulting Firm for Procurement of Consulting Services; as the case may be, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

CIF – Cost Insurance and Freight.

CIP – Carriage and Insurance Paid.

CPI – Consumer Price Index.

DDP – Refers to the quoted price of the Goods, which means "delivered duty paid."

DTI – Department of Trade and Industry.

EXW – Ex works.

FCA – "Free Carrier" shipping point.

FOB – "Free on Board" shipping point.

Foreign-funded Procurement or Foreign-Assisted Project– Refers to procurement whose funding source is from a foreign government, foreign or international financing institution as specified in the Treaty or International or Executive Agreement. (2016 revised IRR, Section 5[b]).

Framework Agreement – Refers to a written agreement between a procuring entity and a supplier or service provider that identifies the terms and conditions, under which specific purchases, otherwise known as "Call-Offs," are made for the duration of the agreement. It is in the nature of an option contract between the procuring entity and the bidder(s) granting the procuring entity the option to either place an order for any of the goods or services identified in the Framework Agreement List or not buy at all, within a minimum period of one (1) year to a maximum period of three (3) years. (GPPB Resolution No. 27-2019)

GFI – Government Financial Institution.

GOCC – Government-owned and/or –controlled corporation.

Goods – Refer to all items, supplies, materials and general support services, except Consulting Services and Infrastructure Projects, which may be needed in the transaction of public businesses or in the pursuit of any government undertaking, project or activity, whether in the nature of equipment, furniture, stationery, materials for construction, or personal property of any kind, including non-personal or contractual services such as the repair and maintenance of equipment and furniture, as well as trucking, hauling, janitorial, security, and related or analogous services, as well as procurement of materials and supplies provided by the Procuring Entity for such services. The term "related" or "analogous services" shall include, but is not limited to, lease or purchase of office space, media advertisements, health maintenance services, and other services essential to the operation of the Procuring Entity. (2016 revised IRR, Section 5[r])

GOP – Government of the Philippines.

GPPB – Government Procurement Policy Board.

INCOTERMS – International Commercial Terms.

Infrastructure Projects – Include the construction, improvement, rehabilitation, demolition, repair, restoration or maintenance of roads and bridges, railways, airports, seaports, communication facilities, civil works components of information technology projects, irrigation, flood control and drainage, water supply, sanitation, sewerage and solid waste management systems, shore protection, energy/power and electrification facilities, national

buildings, school buildings, hospital buildings, and other related construction projects of the government. Also referred to as *civil works or works*. (2016 revised IRR, Section 5[u])

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PhilGEPS - Philippine Government Electronic Procurement System.

Procurement Project – refers to a specific or identified procurement covering goods, infrastructure project or consulting services. A Procurement Project shall be described, detailed, and scheduled in the Project Procurement Management Plan prepared by the agency which shall be consolidated in the procuring entity's Annual Procurement Plan. (GPPB Circular No. 06-2019 dated 17 July 2019)

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

Supplier – refers to a citizen, or any corporate body or commercial company duly organized and registered under the laws where it is established, habitually established in business and engaged in the manufacture or sale of the merchandise or performance of the general services covered by his bid. (Item 3.8 of GPPB Resolution No. 13-2019, dated 23 May 2019). Supplier as used in these Bidding Documents may likewise refer to a distributor, manufacturer, contractor, or consultant.

UN – United Nations.

Section I. Invitation to Bid

Notes on the Invitation to Bid

The Invitation to Bid (IB) provides information that enables potential Bidders to decide whether to participate in the procurement at hand. The IB shall be posted in accordance with Section 21.2 of the 2016 revised IRR of RA No. 9184.

Apart from the essential items listed in the Bidding Documents, the IB should also indicate the following:

a. The date of availability of the Bidding Documents, which shall be from the time the IB is first advertised/posted until the deadline for the submission and receipt of bids;

b. The place where the Bidding Documents may be acquired or the website where it may be downloaded;

c. The deadline for the submission and receipt of bids; and

d. Any important bid evaluation criteria (*e.g.*, the application of a margin of preference in bid evaluation).

The IB should be incorporated in the Bidding Documents. The information contained in the IB must conform to the Bidding Documents and in particular to the relevant information in the Bid Data Sheet.

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INVITATION TO BID FOR PROCUREMENT OF BIOMEDICAL TOOLS

1. The **Mariveles Mental Wellness and General Hospital**, through the **Internally Generated Funds of 2023** intends to apply the sum of **Three Million Five Hundred Eighty-Nine Thousand Nine Hundred Three Pesos and 98/100 Only (P 3,589,903.98)** being the ABC to payments under the contract for **Procurement of Biomedical Tools/ 2023-11**. Bids received in excess of the ABC shall be automatically rejected at bid opening.

2. The **Mariveles Mental Wellness and General Hospital** now invites bids for the above Procurement Project. Delivery of the Goods is required by **45 calendar days upon receipt of Notice to Proceed**. Bidders should have completed, within **two (2) years** from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).

3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary "*pass/fail*" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

   Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.

4. Prospective Bidders may obtain further information from **MMWGH** and inspect the Bidding Documents at the address given below during M-F; 8am-5pm, except holidays.

5. A complete set of Bidding Documents may be acquired by interested Bidders on **May 26 – June 16, 2023** from the given address and website(s) below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **Five Thousand Pesos (P5,000.00)**. The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person.

6. The **MMWGH** will hold a Pre-Bid Conference on **June 5, 2023 10AM** at the given address below and/or through video conferencing or webcasting *via Zoom*, which shall be open to prospective bidders.

7. Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below on or before **June 19, 2023 10AM**. Late bids shall not be accepted.

8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.

9. Bid opening shall be on **June 19, 2023 10AM** at the given address below and/or via *Zoom.* Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.

10. The **MMWGH** reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.

11. For further information, please refer to:

MARY RODELINE M. CASUAYAN
BAC Secretariat
Procurement Unit
Mariveles Mental Wellness and General Hospital
P. Monroe Street, Mariveles, Bataan
Email Address: procurement@mmwgh.gov.ph
Website: www.mmwgh.gov.ph
Contact No.: +639-688545320

12. You may visit the following website(s):

For downloading of Bidding Documents: **http://www.mmwgh.gov.ph/itb2023.php**

Date of Issue: May 26, 2023

(Sgd.)
ZORAIDA F. AFABLE, MD
Chairperson, BAC

Section II. Instructions to Bidders

Notes on the Instructions to Bidders

This Section on the Instruction to Bidders (ITB) provides the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Entity. It also provides information on bid submission, eligibility check, opening and evaluation of bids, post-qualification, and on the award of contract.

1. Scope of Bid

The Procuring Entity, **Mariveles Mental Wellness and General Hospital** wishes to receive Bids for the **Procurement of Biomedical Tools**, with identification number **2023-11**.

[Note: The Project Identification Number is assigned by the Procuring Entity based on its own coding scheme and is not the same as the PhilGEPS reference number, which is generated after the posting of the bid opportunity on the PhilGEPS website.]

The Procurement Project (referred to herein as "Project") is composed of **7 items**, the details of which are described in Section VII (Technical Specifications).

2. Funding Information

2.1. The GOP through the source of funding as indicated below for **2022** in the amount of **Three Million Five Hundred Eighty-Nine Thousand Nine Hundred Three Pesos and 98/100 Only** (**P 3,589,903.98).**

2.2. The source of funding is:

a. **Internally Generated Funds**

3. Bidding Requirements

The Bidding for the Project shall be governed by all the provisions of RA No. 9184 and its 2016 revised IRR, including its Generic Procurement Manuals and associated policies, rules and regulations as the primary source thereof, while the herein clauses shall serve as the secondary source thereof.

Any amendments made to the IRR and other GPPB issuances shall be applicable only to the ongoing posting, advertisement, or **IB** by the BAC through the issuance of a supplemental or bid bulletin.

The Bidder, by the act of submitting its Bid, shall be deemed to have verified and accepted the general requirements of this Project, including other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

4. Corrupt, Fraudulent, Collusive, and Coercive Practices

The Procuring Entity, as well as the Bidders and Suppliers, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and obstructive practices defined under Annex "I" of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

5. Eligible Bidders

5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.

5.2. Foreign ownership exceeding those allowed under the rules may participate pursuant to:

i. When a Treaty or International or Executive Agreement as provided in Section 4 of the RA No. 9184 and its 2016 revised IRR allow foreign bidders to participate;

ii. Citizens, corporations, or associations of a country, included in the list issued by the GPPB, the laws or regulations of which grant reciprocal rights or privileges to citizens, corporations, or associations of the Philippines;

iii. When the Goods sought to be procured are not available from local suppliers; or

iv. When there is a need to prevent situations that defeat competition or restrain trade.

5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to:

a. For the procurement of Non-expendable Supplies and Services: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC.

5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

6. Origin of Goods

There is no restriction on the origin of goods other than those prohibited by a decision of the UN Security Council taken under Chapter VII of the Charter of the UN, subject to Domestic Preference requirements under **ITB** Clause 18.

7. Subcontracts

7.1. The Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than twenty percent (20%) of the Project.

The Procuring Entity has prescribed that:

a. Subcontracting is not allowed.

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address and/or through Zoom as indicated in paragraph 6 of the **IB.**

9. Clarification and Amendment of Bidding Documents

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such requests must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the **IB**, at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

10. Documents comprising the Bid: Eligibility and Technical Components

10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.

10.2. The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within **Two (2) years** prior to the deadline for the submission and receipt of bids.

10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

11. Documents comprising the Bid: Financial Component

11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.

11.2. If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.

11.3. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.

11.4. For Foreign-funded Procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

12. Bid Prices

12.1. Prices indicated on the Price Schedule shall be entered separately in the following manner:

a. For Goods offered from within the Procuring Entity's country:

i. The price of the Goods quoted EXW (ex-works, ex-factory, ex-warehouse, ex-showroom, or off-the-shelf, as applicable);

ii. The cost of all customs duties and sales and other taxes already paid or payable;

iii. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and

iv. The price of other (incidental) services, if any, listed in e.

b. For Goods offered from abroad:

i. Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted delivered duty paid (DDP) with the place of destination in the Philippines as specified in the **BDS**. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible country. Similarly, the Bidder may obtain insurance services from any eligible source country.

ii. The price of other (incidental) services, if any, as listed in **Section VII (Technical Specifications).**

13. Bid and Payment Currencies

13.1. For Goods that the Bidder will supply from outside the Philippines, the bid prices may be quoted in the local currency or tradeable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies, shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.

13.2. Payment of the contract price shall be made in:

a. Philippine Pesos.

14. Bid Security

14.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.

14.2. The Bid and bid security shall be valid until **October 17, 2023**. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

15. Sealing and Marking of Bids

Each Bidder shall submit one copy of the first and second components of its Bid.

The Procuring Entity may request additional hard copies and/or electronic copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.

If the Procuring Entity allows the submission of bids through online submission or any other electronic means, the Bidder shall submit an electronic copy of its Bid, which must be digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.

16. Deadline for Submission of Bids

16.1. The Bidders shall submit on the specified date and time and either at its physical address or through online submission as indicated in paragraph 7 of the **IB.**

17. Opening and Preliminary Examination of Bids

17.1. The BAC shall open the Bids in public at the time, on the date, and at the place specified in paragraph 9 of the **IB**. The Bidders' representatives who are present shall sign a register evidencing their attendance. In case videoconferencing, webcasting or other similar technologies will be used, attendance of participants shall likewise be recorded by the BAC Secretariat.

In case the Bids cannot be opened as scheduled due to justifiable reasons, the rescheduling requirements under Section 29 of the 2016 revised IRR of RA No. 9184 shall prevail.

17.2. The preliminary examination of bids shall be governed by Section 30 of the 2016 revised IRR of RA No. 9184.

18. Domestic Preference

18.1. The Procuring Entity will grant a margin of preference for the purpose of comparison of Bids in accordance with Section 43.1.2 of the 2016 revised IRR of RA No. 9184.

19. Detailed Evaluation and Comparison of Bids

19.1. The Procuring BAC shall immediately conduct a detailed evaluation of all Bids rated "*passed*," using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of the 2016 revised IRR of RA No. 9184.

19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case maybe. In this case, the Bid Security as required by **ITB** Clause 15 shall be submitted for each lot or item separately.

19.3. The descriptions of the lots or items shall be indicated in **Section VII (Technical Specifications)**, although the ABCs of these lots or items are indicated in the **BDS** for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.

19.4. The Project shall be awarded as follow:

One Project having several items that shall be awarded as one contract.

19.5. Except for bidders submitting a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation, all Bids must include the NFCC computation pursuant to Section 23.4.1.4 of the 2016 revised IRR of RA No. 9184, which must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder. For bidders submitting the committed Line of Credit, it must be at least equal to ten percent (10%) of the ABCs for all the lots or items participated in by the prospective Bidder.

20. Post-Qualification

20.1. Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the **BDS**.

21. Signing of the Contract

21.1. The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 shall form part of the Contract. Additional Contract documents are indicated in the **BDS**.

Section III. Bid Data Sheet

Notes on the Bid Data Sheet

The Bid Data Sheet (BDS) consists of provisions that supplement, amend, or specify in detail, information, or requirements included in the ITB found in Section II, which are specific to each procurement.

This Section is intended to assist the Procuring Entity in providing the specific information in relation to corresponding clauses in the ITB and has to be prepared for each specific procurement.

The Procuring Entity should specify in the BDS information and requirements specific to the circumstances of the Procuring Entity, the processing of the procurement, and the bid evaluation criteria that will apply to the Bids. In preparing the BDS, the following aspects should be checked:

a. Information that specifies and complements provisions of the ITB must be incorporated.

b. Amendments and/or supplements, if any, to provisions of the ITB as necessitated by the circumstances of the specific procurement, must also be incorporated.

Bid Data Sheet

<table>
<tr><th>ITB Clause</th><th></th></tr>
<tr><td>5.3</td><td>For this purpose, contracts similar to the Project shall be:

a. [provide the definition or description of similar contracts].

b. completed within two (2) years prior to the deadline for the submission and receipt of bids.</td></tr>
<tr><td>12</td><td>The price of the Goods shall be quoted DDP [state place of destination] or the applicable International Commercial Terms (INCOTERMS) for this Project.</td></tr>
<tr><td>14.1</td><td>The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:

a. The amount of not less than <u>P 71,798.08,</u> if bid security is in cash, cashier’s/manager’s check, bank draft/guarantee or irrevocable letter of credit; or

b. The amount of not less than <u>P 179,495.20,</u> if bid security is in Surety Bond.</td></tr>
<tr><td>19.3</td><td>
<table>
<tr><th></th><th>ITEMS</th><th>UNIT</th><th>QTY.</th><th>AMOUNT</th></tr>
<tr><td></td><td>BIOMEDICAL TOOLS</td><td></td><td></td><td></td></tr>
<tr><td>1</td><td>Digital Industrial Multimeter</td><td>Unit</td><td>1</td><td>40,855.58</td></tr>
<tr><td>2</td><td>Gas Flow Analyzer Ventilator (Flow, O2, Ventilator)</td><td>Unit</td><td>1</td><td>766,134.60</td></tr>
<tr><td>3</td><td>Electrical Safety Analyzer</td><td>Unit</td><td>1</td><td>549,391.70</td></tr>
<tr><td>4</td><td>Infusion Device Analyzer</td><td>Unit</td><td>1</td><td>870,937.10</td></tr>
<tr><td>5</td><td>Patient Monitor Simulator 3 in 1 with ECG Simulator, SPO2 Simulator, Thermometer, NIBP Simulator</td><td>Unit</td><td>1</td><td>1,249,245.80</td></tr>
<tr><td>6</td><td>Biomedical Digital Tachometer Contact/Non-Contact</td><td>Unit</td><td>1</td><td>92,253.57</td></tr>
<tr><td>7</td><td>Soldering Pro Station</td><td>Unit</td><td>1</td><td>21,085.63</td></tr>
</table>
</td></tr>
</table>

Section IV. General Conditions of Contract

Notes on the General Conditions of Contract

The General Conditions of Contract (GCC) in this Section, read in conjunction with the Special Conditions of Contract in Section V and other documents listed therein, should be a complete document expressing all the rights and obligations of the parties.

Matters governing performance of the Supplier, payments under the contract, or matters affecting the risks, rights, and obligations of the parties under the contract are included in the GCC and Special Conditions of Contract.

Any complementary information, which may be needed, shall be introduced only through the Special Conditions of Contract.

1. Scope of Contract

This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

This is without prejudice to Sections 74.1 and 74.2 of the 2016 revised IRR of RA No. 9184 allowing the GPPB to amend the IRR, which shall be applied to all procurement activities, the advertisement, posting, or invitation of which were issued after the effectivity of the said amendment.

Additional requirements for the completion of this Contract shall be provided in the **Special Conditions of Contract** (**SCC).**

2. Advance Payment and Terms of Payment

2.1. Advance payment of the contract amount is provided under Annex "D" of the revised 2016 IRR of RA No. 9184.

2.2. The Procuring Entity is allowed to determine the terms of payment on the partial or staggered delivery of the Goods procured, provided such partial payment shall correspond to the value of the goods delivered and accepted in accordance with prevailing accounting and auditing rules and regulations. The terms of payment are indicated in the **SCC**.

3. Performance Security

Within ten (10) calendar days from receipt of the Notice of Award by the Bidder from the Procuring Entity but in no case later than prior to the signing of the Contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR of RA No. 9184.

4. Inspection and Tests

The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Project specifications at no extra cost to the Procuring Entity in accordance with the Generic Procurement Manual. In addition to tests in the **SCC**, **Section IV (Technical Specifications)** shall specify what inspections and/or tests the Procuring Entity requires, and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.

All reasonable facilities and assistance for the inspection and testing of Goods, including access to drawings and production data, shall be provided by the Supplier to the authorized inspectors at no charge to the Procuring Entity.

5. Warranty

6.1. In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier as provided under Section 62.1 of the 2016 revised IRR of RA No. 9184.

6.2. The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, repair or replace the defective Goods or parts thereof without cost to the Procuring Entity, pursuant to the Generic Procurement Manual.

6. Liability of the Supplier

The Supplier's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

If the Supplier is a joint venture, all partners to the joint venture shall be jointly and severally liable to the Procuring Entity.

Section V. Special Conditions of Contract

Notes on the Special Conditions of Contract

Similar to the BDS, the clauses in this Section are intended to assist the Procuring Entity in providing contract-specific information in relation to corresponding clauses in the GCC found in Section IV.

The Special Conditions of Contract (SCC) complement the GCC, specifying contractual requirements linked to the special circumstances of the Procuring Entity, the Procuring Entity's country, the sector, and the Goods purchased. In preparing this Section, the following aspects should be checked:

a. Information that complements provisions of the GCC must be incorporated.

b. Amendments and/or supplements to provisions of the GCC as necessitated by the circumstances of the specific purchase, must also be incorporated.

However, no special condition which defeats or negates the general intent and purpose of the provisions of the GCC should be incorporated herein.

Special Conditions of Contract

GCC Clause	
1	*[List here any additional requirements for the completion of this Contract. The following requirements and the corresponding provisions may be deleted, amended, or retained depending on its applicability to this Contract:]* **Delivery and Documents –** For purposes of the Contract, "EXW," "FOB," "FCA," "CIF," "CIP," "DDP" and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows: *[For Goods supplied from abroad, state:]* "The delivery terms applicable to the Contract are DDP delivered [*indicate place of destination*]. In accordance with INCOTERMS." *[For Goods supplied from within the Philippines, state:*] "The delivery terms applicable to this Contract are delivered *[indicate place of destination]*. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination." Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements). For purposes of this Clause the Procuring Entity's Representative at the Project Site is **Mr. Vincent A. Isip, OIC-HOPSS.** **Incidental Services –** The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements: a. performance or supervision of on-site assembly and/or start-up of the supplied Goods; b. furnishing of tools required for assembly and/or maintenance of the supplied Goods; c. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods; d. performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and

	e. training of the Procuring Entity's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods. The Contract price for the Goods shall include the prices charged by the Supplier for incidental services and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.
	Packaging – The Supplier shall provide such packaging of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit. The packaging, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified below, and in any subsequent instructions ordered by the Procuring Entity. The outer packaging must be clearly marked on at least four (4) sides as follows: Name of the Procuring Entity Name of the Supplier Contract Description Final Destination Gross weight Any special lifting instructions Any special handling instructions Any relevant HAZCHEM classifications
	A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging. **Transportation –** Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.

	Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.
	Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure. The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination. **Intellectual Property Rights –** The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.
2.2	*[If partial payment is allowed, state]* "The terms of payment shall be as follows: request for partial payment shall be made in writing to HoPE."
4	The inspections and tests that will be conducted are: Inspection, Demonstration

Section VI. Schedule of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

Item Number	Description	Quantity	Total	Delivered, Weeks/Months
	Refer to the Purchase Order.			

Section VII. Technical Specifications

Notes for Preparing the Technical Specifications

A set of precise and clear specifications is a prerequisite for Bidders to respond realistically and competitively to the requirements of the Procuring Entity without qualifying their Bids. In the context of Competitive Bidding, the specifications (*e.g.* production/delivery schedule, manpower requirements, and after-sales service/parts, descriptions of the lots or items) must be prepared to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, and performance of the goods and services to be procured. Only if this is done will the objectives of transparency, equity, efficiency, fairness , and economy in procurement be realized, responsiveness of bids be ensured, and the subsequent task of bid evaluation and post-qualification facilitated. The specifications should require that all items, materials and accessories to be included or incorporated in the goods be new, unused, and of the most recent or current models, and that they include or incorporate all recent improvements in design and materials unless otherwise provided in the Contract.

Samples of specifications from previous similar procurements are useful in this respect. The use of metric units is encouraged. Depending on the complexity of the goods and the repetitiveness of the type of procurement, it may be advantageous to standardize the General Technical Specifications and incorporate them in a separate subsection. The General Technical Specifications should cover all classes of workmanship, materials, and equipment commonly involved in manufacturing similar goods. Deletions or addenda should then adapt the General Technical Specifications to the particular procurement.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for equipment, materials, and workmanship, recognized Philippine and international standards should be used as much as possible. Where other particular standards are used, whether national standards or other standards, the specifications should state that equipment, materials, and workmanship that meet other authoritative standards, and which ensure at least a substantially equal quality than the standards mentioned, will also be acceptable. The following clause may be inserted in the Special Conditions of Contract or the Technical Specifications.

Sample Clause: Equivalency of Standards and Codes

Wherever reference is made in the Technical Specifications to specific standards and codes to be met by the goods and materials to be furnished or tested, the provisions of the latest edition or revision of the relevant standards and codes shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national or relate to a particular country or region, other authoritative standards that ensure substantial equivalence to the standards and codes specified will be acceptable.

Reference to brand name and catalogue number should be avoided as far as possible; where unavoidable they should always be followed by the words "*or at least equivalent*." References to brand names cannot be used when the funding source is the GOP.

Where appropriate, drawings, including site plans as required, may be furnished by the Procuring Entity with the Bidding Documents. Similarly, the Supplier may be requested to provide drawings or samples either with its Bid or for prior review by the Procuring Entity during contract execution.

Bidders are also required, as part of the technical specifications, to complete their statement of compliance demonstrating how the items comply with the specification.

Technical Specifications

Item	Specification	Statement of Compliance
		[Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]
	BIOMEDICAL TOOLS	

Digital Industrial Multimeter	**Digital Industrial Multimeter** (See attached Terms of Reference for detailed specification)	
Gas Flow Analyzer Ventilator (Flow, O2, Ventilator)	**Gas Flow Analyzer Ventilator (Flow, O2, Ventilator)** (See attached Terms of Reference for detailed specification)	
Electrical Safety Analyzer	**Electrical Safety Analyzer** (See attached Terms of Reference for detailed specification)	
Infusion Device Analyzer	**Infusion Device Analyzer** (See attached Terms of Reference for detailed specification)	
Patient Monitor Simulator 3 in 1 with ECG Simulator, SPO2 Simulator, Thermometer, NIBP Simulator	**Patient Monitor Simulator 3 in 1 with ECG Simulator, SPO2 Simulator, Thermometer, NIBP Simulator** (See attached Terms of Reference for detailed specification)	
Biomedical Digital Tachometer Contact/Non Contact	**Biomedical Digital Tachometer Contact/Non Contact** (See attached Terms of Reference for detailed specification)	
Soldering Pro Station	**Soldering Pro Station** (See attached Terms of Reference for detailed specification)	

Section VIII. Checklist of Technical and Financial Documents

Notes on the Checklist of Technical and Financial Documents

The prescribed documents in the checklist are mandatory to be submitted in the Bid, but shall be subject to the following:

a. GPPB Resolution No. 09-2020 on the efficient procurement measures during a State of Calamity or other similar issuances that shall allow the use of alternate documents in lieu of the mandated requirements; or

b. Any subsequent GPPB issuances adjusting the documentary requirements after the effectivity of the adoption of the PBDs.

The BAC shall be checking the submitted documents of each Bidder against this checklist to ascertain if they are all present, using a non-discretionary "pass/fail" criterion pursuant to Section 30 of the 2016 revised IRR of RA No. 9184.

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

☐ (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);

☐ (b) Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document,
and

☐ (c) Mayor's or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas;
and

☐ (d) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

Technical Documents

☐ (f) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**

☐ (g) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents; **and**

☐ (h) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;
or
Original copy of Notarized Bid Securing Declaration; **and**

☐ (i) Conformity with the Technical Specifications, which may include production/delivery schedule, manpower requirements, and/or after-sales/parts, if applicable; **and**

☐ (j) Original duly signed Omnibus Sworn Statement (OSS);
and if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Financial Documents

☐ (k) The Supplier's audited financial statements, showing, among others, the Supplier's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; **and**

☐ (l) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC);

or

A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

Class "B" Documents

☐ (m) If applicable, a duly signed joint venture agreement (JVA) in case the joint venture is already in existence;

or

duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

Other documentary requirements under RA No. 9184 (as applicable)

☐ (n) *[For foreign bidders claiming by reason of their country's extension of reciprocal rights to Filipinos]* Certification from the relevant government office of their country stating that Filipinos are allowed to participate in government procurement activities for the same item or product.

☐ (o) Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity.

25 FINANCIAL COMPONENT ENVELOPE

☐ (a) Original of duly signed and accomplished Financial Bid Form; **and**

☐ (b) Original of duly signed and accomplished Price Schedule(s).

Note: Any missing document in the above-mentioned checklist is a ground for outright rejection of the bid.

Post Qualification Documents

☐ 1. BIR Form 2303 (BIR Registration Certificate)

☐ 2. Business and Income Tax Return

Note: It is encouraged to submit the above-mentioned Post Qualification documents during Bid Opening to expedite the bidding process.


Republic of the Philippines
gppb
Government Procurement Policy Board

MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL

Mariveles, Bataan

Name of Bidder/Distributor

Address:

BIOMEDICAL TOOLS for bid for the One (1) Month Procurement 2023

	ITEMS	UNIT	QTY.	BRAND	UNIT COST	AMOUNT
	BIOMEDICAL TOOLS					
1	**Digital Industrial Multimeter** (See attached Terms of Reference for detailed specification)	Unit	1		40,855.58	40,855.58
2	**Gas Flow Analyzer Ventilator (Flow, O2, Ventilator)** (See attached Terms of Reference for detailed specification)	Unit	1		766,134.60	766,134.60
3	**Electrical Safety Analyzer** (See attached Terms of Reference for detailed specification)	Unit	1		549,391.70	549,391.70
4	**Infusion Device Analyzer** (See attached Terms of Reference for detailed specification)	Unit	1		870,937.10	870,937.10
5	**Patient Monitor Simulator 3 in 1 with ECG Simulator, SPO2 Simulator, Thermometer, NIBP Simulator** (See attached Terms of Reference for detailed specification)	Unit	1		1,249,245.80	1,249,245.80
6	**Biomedical Digital Tachometer Contact/Non Contact** (See attached Terms of Reference for detailed specification)	Unit	1		92,253.57	92,253.57
7	**Soldering Pro Station** (See attached Terms of Reference for detailed specification)	Unit	1		21,085.63	21,085.63
					GRAND TOTAL	**3,589,903.98**

MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL

Mariveles, Bataan

Name of Bidder/Distributor

Address:

BIOMEDICAL TOOLS for bid for the One (1) Month Procurement 2023

	ITEMS	UNIT	QTY.	BRAND	UNIT COST	AMOUNT
	BIOMEDICAL TOOLS					
1	**Digital Industrial Multimeter** (See attached Terms of Reference for detailed specification)	Unit	1			
2	**Gas Flow Analyzer Ventilator (Flow, O2, Ventilator)** (See attached Terms of Reference for detailed specification)	Unit	1			
3	**Electrical Safety Analyzer** (See attached Terms of Reference for detailed specification)	Unit	1			
4	**Infusion Device Analyzer** (See attached Terms of Reference for detailed specification)	Unit	1			
5	**Patient Monitor Simulator 3 in 1 with ECG Simulator, SPO2 Simulator, Thermometer, NIBP Simulator** (See attached Terms of Reference for detailed specification)	Unit	1			
6	**Biomedical Digital Tachometer Contact/Non Contact** (See attached Terms of Reference for detailed specification)	Unit	1			
7	**Soldering Pro Station** (See attached Terms of Reference for detailed specification)	Unit	1			
					GRAND TOTAL	**0.00**

Bid Form

Date: _____
Invitation to Bid[1] Nº: _____

To: [name and address of Procuring Entity]

Gentlemen and/or Ladies:

Having examined the Bidding Documents including Bid Bulletin Numbers *[insert numbers],* the receipt of which is hereby duly acknowledged, we, the undersigned, offer to *[supply/deliver/perform] [description of the Goods]* in conformity with the said Bidding Documents for the sum of *[total Bid amount in words and figures]* or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid.

We undertake, if our Bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

If our Bid is accepted, we undertake to provide a performance security in the form, amounts, and within the times specified in the Bidding Documents.

We agree to abide by this Bid for the Bid Validity Period specified in **BDS** provision for **ITB** Clause **Error! Reference source not found.** and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:[2]

Name and address of agent	Amount and Currency	Purpose of Commission or gratuity
_____	_____	_____
_____	_____	_____
_____	_____	_____

(if none, state "None")

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your Notice of Award, shall be binding upon us.

We understand that you are not bound to accept the Lowest Calculated Bid or any Bid you may receive.

We certify/confirm that we comply with the eligibility requirements as per **ITB** Clause **Error! Reference source not found.** of the Bidding Documents.

We likewise certify/confirm that the undersigned, *[for sole proprietorships, insert:* as the owner and sole proprietor or authorized representative of *Name of Bidder,* has the full power and authority to participate, submit the bid, and to sign and execute the ensuing contract, on the latter's behalf for the *Name of Project* of the *Name of the Procuring Entity] [for partnerships, corporations, cooperatives, or joint ventures, insert:* is granted full power and authority by the

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[1] If ADB, JICA and WB funded projects, use IFB.

[2] Applicable only if the Funding Source is the ADB, JICA or WB.

Name of Bidder, to participate, submit the bid, and to sign and execute the ensuing contract on the latter's behalf for *Name of Project* of the *Name of the Procuring Entity]*.

We acknowledge that failure to sign each and every page of this Bid Form, including the attached Schedule of Prices, shall be a ground for the rejection of our bid.

Dated this _____ day of _____ 20_____.

_____ _____

[signature] *[in the capacity of]*

Duly authorized to sign Bid for and on behalf of _____

Omnibus Sworn Statement (Revised)

[shall be submitted with the Bid]

REPUBLIC OF THE PHILIPPINES)
CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:

1. *[Select one, delete the other:]*

   [If a sole proprietorship:] I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

   [If a partnership, corporation, cooperative, or joint venture:] I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

2. *[Select one, delete the other:]*

   [If a sole proprietorship:] As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney;

   [If a partnership, corporation, cooperative, or joint venture:] I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable;)];

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, **by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;**

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. *[Select one, delete the rest:]*

   [If a sole proprietorship:] The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical

Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a partnership or cooperative:] None of the officers and members of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a corporation or joint venture:] None of the officers, directors, and controlling stockholders of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. *[Name of Bidder]* complies with existing labor laws and standards; and

8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:

    a. Carefully examining all of the Bidding Documents;
    b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
    c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
    d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.

9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

10. **In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.**

IN WITNESS WHEREOF, I have hereunto set my hand this __ day of ___, 20__ at _____, Philippines.

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]
[Insert signatory's legal capacity]
Affiant

[Jurat]
[Format shall be based on the latest Rules on Notarial Practice]