

Republic of the Philippines **DEPARTMENT OF HEALTH**

Metro Manila Center for Health Development



SUPPLEMENTAL/ BID BULLETIN NO. 1

IB No. 2024 – 070E PROCUREMENT OF PATIENT MONITOR (LOT BIDDING)

his Supplemental/Bid Bulletin No. 1 is being issued to revise provisions/specifications in the Bidding Documents for a forecited project:

1. Query during Pre-bidding Conference	ence:			
Technical Specifications	Query	Response of the End User Unit		
ITEM NO 1 Patient Monitor				
Display a maxium of 13 waveforms	Display a maximum of 12 - 13 waveforms	Display a maximum of 12 - 13 waveforms GRANTED		
ITEM NO 2 Patient Monitor with Cen	tral Monitoring System			
Central Monitoring System:	Central Monitoring System: with two (2) display monitor (55" and 24") for clarification with end user	Central Monitoring System: with two (2) display monitor (55" and 24") GRANTED		
Access point	Access point The LAN router that connects the CMS to patient monitors. For clarification with end user	Access point The LAN router that connects the CMS to patient monitors. GRANTED		
infant, pedia, adult and large adult cuff	Infant (9), pedia (9), adult (9) and large adult cuff (9) for clarification with end user	Infant (9), pedia (9), adult (9) and large adult cuff (9) GRANTED		
ITEM NO 3 Patient Monitor with ETO				
Display a maximum of 13 waveforms	Display a maximum of 12 - 13 waveforms	Display a maximum of 12 - 13 waveforms GRANTED		
Thermal resistance technique followed for temperature parameter with skin, oral cavity, and rectal positions	Thermal resistance technique followed for temperature parameter with skin, oral cavity or optional, and rectal positions	Thermal resistance technique followed for temperature parameter with skin, oral cavity or optional , and rectal positions GRANTED		

Please ensure that the Bid Forms list the total amount for all items and that the Price Schedule shows the total cost per item, not exceeding the ABC per item.

Bidders are advised to use the following attached forms and submit them together with all required documents for the submission of bids on the 7^{th} day of August 2024, 9:00 AM:

This Supplemental/Bid Bulletin No. 1 shall be integral to the Bidding Documents. All other provisions indicated in the bidding documents not affected by this Supplemental/Bid Bulletin No. 1 shall remain in effect.

For guidance and information of all concerned.

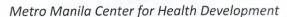
Issued this 31st day of July 2024 in MMCHD

Approved by:

JEREMIAS FRANCIS Y. CHAN, MD Licensing Officer V / BAC Chairperson



Republic of the Philippines **DEPARTMENT OF HEALTH**





SUPPLEMENTAL/ BID BULLETIN NO. 1

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infant, pedia, adult and large adult cuff	Infant (9), pedia (9), adult (9) and large adult cuff (9) for clarification with end user	Infant (9), pedia (9), adult (9) and large adult cuff (9) GRANTED		
ITEM NO 3 Patient Monitor with ETO	CO2			
Display a maximum of 13 waveforms	Display a maximum of 12 - 13 waveforms	Display a maximum of 12 - 13 waveforms GRANTED		
Thermal resistance technique followed for temperature parameter with skin, oral cavity, and rectal positions	Thermal resistance technique followed for temperature parameter with skin, oral cavity or optional, and rectal positions	Thermal resistance technique followed for temperature parameter with skin, oral cavity or optional , and rectal positions GRANTED		

Please ensure that the Bid Forms list the total amount for all items and that the Price Schedule shows the total cost per item, not exceeding the ABC per item.

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For guidance and information of all concerned.

Issued this 31st day of July 2024 in MMCHD

Approved by:

JEREMIAS FRANCIS Y. CHAN, MD Licensing Officer V / BAC Chairperson

TECHNICAL SPECIFICATIONS			
Item No. 1	PATIENT MONITOR	Qty./Unit	15 Units
200 (1000) P. C. P. L. P. C. P. C. L. L. L. C.			
Name of Manufact	urer:		Country of Origin
Brand:			Model: (if applicable)
ABC: 3,000,000.00)		
	PURCHASER'S SPECIFICATION		STATEMENT OF COMPLIANCE
Technical Specific			
	ufacturer's Standard		
	creen color TFT with at least 800x600 resolution		
	um of 12 - 13 waveforms		
Approx. Dimensi Weight: Manufact	ons: Manufacturer's Standard		
	ters: 5-lead ECG, HR, RESP, SpO2, NIBP, PR, TEM	IP.	
	s include adults, pediatrics, and neonates		
Thermal resistar	nce technique followed for temperature parameter	with skin, oral	
cavity, and rectal p		,	
	nd table review: 120 hrs, at 1 min resolution		
	ng Even data: Up to 200 sets		
NIBP Measurem	ent Review: Up to 1200 sets		
Arrhythmia Even	its: Up to 200 sets		
	ectrode: I, II, III, aVR, aVL, aVF, V		
• Heart Rate:			
	300 bpm (adult), 15 to 250 bpm (pedia)		
- Accuracy: ±			
- Resolution:	1 bpm		
• ST Value	wV to 12.0 mV		
- Range: -2.0	mV to +2.0 mV		
- Resolution:			
• NIBP	0.01 III V		
- Method: Osc	eillometry		
	ıla, Auto, Continuous		
	pe: SYS, DIA, MAP, PR		
• SpO2			
	ange: 0% to 100%		
- Resolution:			
	of at least 4 hours or better		
 Accessories and 			
	plied with trolley		
- ECG Cable	edia reusable SpO2 sensor		
- NIBP PVC			
- infant nedia	a, adult and large adult cuff		
- skin temper			
REQUIREMENT	S. if awarded the contract		
1 Completion Po	eriod: The delivery, installation, testing and commission	sioning of the	
equipment and its accessories, including the training of end-users and maintenance			
staff must be com	pleted within 60 calendar days upon receipt of Not	ce to Proceed.	
2. Testing : Prior	to acceptance, the end user shall conduct a physical i	nspection and	
functionality test.	The equipment must be functioning and must have	io pilysicai	
damage and defec	CL.	nd maintenance	
3. Training : The supplier shall provide a training on the proper use and maintenance of the equipment to the end-users and to the hospital maintenance staff within 3 days			
upon delivery of			
4. Warranty:	ano oquipmona		
a) Warranty certificate for two (2) years on parts and service. The supplier shall			
either repair or re	place any item or part in the equipment that is found	to be defective i	n
material or works	manship under normal use. The warranty period shal	commence from	1

the date of acceptance by the end-user after testing and commissioning.

- b) Preventive maintenance at least every six (6) months or according to the manufacturer's recommendations;
- c) Corrective maintenance within five (5) calendar days upon notification from the end-user regarding equipment breakdown/defects.
- d) The number of days where the equipment is unusable due to equipment defects/faults shall be added to the warranty period.
- e) The supplier shall specify post-warranty comprehensive preventive maintenance costs including list and prices of major spare parts of the equipment for three (3) years after the warranty period.
- 5. **Notarized undertaking** that the supplier shall conduct the necessary corrective maintenance, replacements and repair within five (5) calendar days upon notification of the 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 the warranty period.
- 6. **Manuals**: The supplier must provide the end-user one (1) hard and one (1) soft copy of the following:
 - a) Service manual in English language
 - b) Operation manual in English language
- 7. With "**DOH-MMCHD HFEP** (Government Property not for sale)" sticker in each unit.

Source of Fund: SAA 2024-02-001002 (HFEP 2024)

Item No. 2	PATIENT MONITOR WITH CENTRAL	Qty./Unit	1 Unit
Name of Manut	MONITORING SYSTEM		Country of Origin
ivaline of ivialian	detaior.	161	
Brand:			Model: (if applicable)
ABC: 2,340,00			
	PURCHASER'S SPECIFICATION		STATEMENT OF COMPLIANCE
Technical Spec	cifications:		
	ll Monitoring System with 9 Patient Monitors		
Patient Monito			
	Ianufacturer's Standard		
• Display: Touc	chscreen Color LCD with LED backlight		
• Resolution: at	least 800*600	MD	
 Standard para 	meters: 5-lead ECG, HR, RESP, SpO2, NIBP, PR, TE	MP	
• Parameters ra	nges include adults, pediatrics, and neonates		
Central Monit	oring System Technical Specifications	0.4.21	
• Central Moni	toring System: with two (2) display monitor (55" and 1	.4)	
	on via LAN/WLAN for up to 64 bedside monitors		
- Support I	Is of calculations: Drug dose, hemodynamic, oxygenation	ion renal function	
and ventilation		ion, renar ranceror	•
	ional communication with patient monitors		
	VIBP Measurement		
- Alarm se			
	node supported		
- Supplied with desktop computer, switch port, and cables for the hardware			
- Storage capacity for each patient:			
	0,000 NIBP review		
- at least 2			
- at least 2	0,000 Alarm event		
- at least 2 - at least 2	0,000 Alarm event 40 hours Trend		
at least 2at least 2at least 2	0,000 Alarm event		

- Workstation
 - CPU: Intel Core i7 or better
 - Memory: at least 8gb or better
 - Hard disk: 500gb or better
 - Display interface: 2
 - LAN port: at least 1 or better
 - USB port: at least 3 or better
 - Desktop Monitor at least 24" or better
 - With keyboard and mouse
 - With Laserjet printer and printer cartridge
 - Access point The LAN router that connects the CMS to patient monitors
 - Must be supplied with UPS
- · Accessories and inclusions:
 - Must be supplied with trolley
 - ECG Cable
 - Adult and Pedia reusable SpO2 sensor
 - NIBP PVC hose
 - Infant (9), pedia (9), adult (9) and large adult cuff

- skin temperature probe

REQUIREMENTS, if awarded the contract

1. **Completion Period**: The delivery, installation, testing and commissioning of the equipment and its accessories, including the training of end-users and maintenance staff must be completed within **60 calendar days** upon receipt of Notice to Proceed.

(9)

- 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 the proper use and maintenance of the equipment to the end-users and to the hospital maintenance staff within 3 days upon delivery of the equipment.
- 4. Warranty:
- a) Warranty certificate for two (2) years on parts and service. The supplier shall either repair or replace any item or part in the equipment that is found to be defective in material or workmanship under normal use. The warranty period shall commence from the date of acceptance by the end-user after testing and commissioning.
- b) Preventive maintenance at least every six (6) months or according to the manufacturer's recommendations;
- c) Corrective maintenance within five (5) calendar days upon notification from the end-user regarding equipment breakdown/defects.
- d) The number of days where the equipment is unusable due to equipment defects/faults shall be added to the warranty period.
- e) The supplier shall specify post-warranty comprehensive preventive maintenance costs including list and prices of major spare parts of the equipment for three (3) years after the warranty period.
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- 7. With "**DOH-MMCHD HFEP** (Government Property not for sale)" sticker in each unit.

Source of Fund: SAA 2024-02-001002 (HFEP 2024)

TECHNICAL SPECIFICATIONS				
Item No. 3	PATIENT MONITOR WITH ETCO2	Qty./Unit	2 Units	

	Country of Origin
rand:	Model: (if applicable)
BC: 650,000.00	
PURCHASER'S SPECIFICATION	STATEMENT OF COMPLIANCE
echnical Specifications:	
Dimension: Manufacturer's Standard	
Display: Color LCD	
Display a maximum of 12 - 13 waveforms	
Weight: Manufacturer's Standard	
Standard parameters: 5-lead ECG, HR, RESP, SpO2, NIBP, PR, TEMP	
Parameters ranges include adults, pediatrics, and neonates	
Thermal resistance technique followed for temperature parameter with skin, or	al
avity or optional, and rectal positions	
Trend graph/ trend table review: 120 hrs, at 1 min resolution	
Alarm/ Monitoring Even data: Up to 200 sets	
NIBP Measurement Review: Up to 1200 sets	
Arrhythmia Events: Up to 200 sets	
Lead mode, 5-Electrode: I, II, III, aVR, aVL, aVF, V	
Heart Rate:	
- Range: 15 to 300 bpm (adult), 15 to 250 bpm (pedia)	
- Accuracy: ± 1%	
- Resolution: 1 bpm	
ST Value	
- Range: -2.0 mV to $+2.0 \text{ mV}$	
- Accuracy: ± 0.02 mV	
- Resolution: 0.01 mV	
NIBP	
- Method: Oscillometry	
- Mode: Manula, Auto, Continuous	
- Measure Type: SYS, DIA, MAP, PR	
SpO2	
- 0% to 100%	
- 1%	
CO2	
 Intended patients for adult, pediatric and neonatal Parameters EtCO2, FiCO2 and AwRR 	
- Unit: mmHg, %, kPa - Measuring range: CO2 from 0 mmHg to 150 mmHg (0% to 20%)	
- AwRR from 2rpm to 150rpm	
- Resolution: EtCO2 1 mmHg, FiCO2 1 mmHg, and AwRR 1rpm	
- Accuracy: ±2mmHg, 0 mmHg to 40 mmHg	
- ±5% of reading, 41mmHg to 70mmHg	
$-\pm 8\%$ of reading, 71 mmHg to 100mmHg	
$-\pm 10\%$ of reading, 101 mmHg to 150mmHg	
Operating time of at least 4 hours or better	
• Accessories and inclusions:	
- Must be supplied with trolley	
- ECG Cable	
- Adult and Pedia reusable SpO2 sensor	
- NIBP PVC hose	
- infant, pedia, adult and large adult cuff	
- skin temperature probe	
REQUIREMENTS, if awarded the contract	
1. Completion Period: The delivery, installation, testing and commissioning of the	
equipment and its accessories, including the training of end-users and maintenance	
staff must be completed within 60 calendar days upon receipt of 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	

3. **Training**: The supplier shall provide a training on the proper use and maintenance of the equipment to the end-users and to the hospital maintenance staff within 3 days upon delivery of the equipment.

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- b) Preventive maintenance at least every six (6) months or according to the manufacturer's recommendations:
- c) Corrective maintenance within five (5) calendar days upon notification from the end-user regarding equipment breakdown/defects.
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Source of Fund: SAA 2024-02-001002 (HFEP 2024)

Item No. 1	TECHNICAL SPECIF PATIENT MONITOR	Qty./Unit	15 Units
Name of Manufacturer:		Country of Origin	
Brand:			Model: (if applicable)
ABC: 3,000,000			
	PURCHASER'S SPECIFICATION		STATEMENT OF COMPLIANCE
Display: Touch Display a many Approx. Dime Weight: Manue Standard para Parameters range Thermal residuation, and rector Trend graph/ Malarm/ Moniton NIBP Measure Arrhythmia Eolead mode, 5olean Heart Rate: Range: 15olean Resolution Resolution NIBP Method: Measure SpO2 Measuring Accessories and Must be seed and the power of the property of the pr	anufacturer's Standard h screen color TFT with at least 800x600 resolution imum of 12 - 13 waveforms ensions: Manufacturer's Standard ifacturer's Standard meters: 5-lead ECG, HR, RESP, SpO2, NIBP, PR, 7 mages include adults, pediatrics, and neonates stance technique followed for temperature param al positions rend table review: 120 hrs, at 1 min resolution foring Even data: Up to 200 sets ment Review: Up to 1200 sets ment Review: Up to 1200 sets electrode: I, II, III, aVR, aVL, aVF, V to 300 bpm (adult), 15 to 250 bpm (pedia) the 1 bpm the mV to +2.0 mV the 0.02 mV m: 0.01 mV Oscillometry anula, Auto, Continuous Type: SYS, DIA, MAP, PR g range: 0% to 100% the of at least 4 hours or better and inclusions: supplied with trolley and pedia reusable SpO2 sensor	ГЕМР	
REOUIREME	perature probe NTS, if awarded the contract		
1. Completion equipment and staff must be completed. 2. Testing: Prifunctionality to damage and do 3. Training: To f the equipment upon delivery 4. Warranty: a) Warranty	Period: The delivery, installation, testing and comits accessories, including the training of end-users a ompleted within 60 calendar days upon receipt of or to acceptance, the end user shall conduct a physical control of the equipment must be functioning and must have	and maintenance Notice to Proceed. cal inspection and ave no physical see and maintenance staff within 3 days see supplier shall	

the date of acceptance by the end-user after testing and commissioning.

- b) Preventive maintenance at least every six (6) months or according to the manufacturer's recommendations;
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Source of Fund: SAA 2024-02-001002 (HFEP 2024)

Item No. 2	PATIENT MONITOR WITH CENTRAL	Qty./Unit	1 Unit
Name of Manu	MONITORING SYSTEM		Country of Origin
Name of Manu	racturer.		Country of Origin
Brand:			Model: (if applicable)
ABC: 2,340,00	0.00		
	PURCHASER'S SPECIFICATION		STATEMENT OF COMPLIANCE
Technical Spec			
1 unit of Centra	al Monitoring System with 9 Patient Monitors		
Patient Monito			
	1anufacturer's Standard		
	chscreen Color LCD with LED backlight		
• Resolution: at		AD	
 Standard para 	meters: 5-lead ECG, HR, RESP, SpO2, NIBP, PR, TEI	VIP	
• Parameters ra	nges include adults, pediatrics, and neonates		
Central Monit	foring System Technical Specifications	1")	
• Central Moni	toring System: with two (2) display monitor (55" and 2 on via LAN/WLAN for up to 64 bedside monitors	~ 1	
- Connection - Support I			
- Support	Is of calculations: Drug dose, hemodynamic, oxygenati	on, renal function	n
and ventilation		011, 101141 14110110	
	ional communication with patient monitors		
	NIBP Measurement		
- Alarm se			
	node supported		
- Supplied with desktop computer, switch port, and cables for the hardware			
- Storage capacity for each patient:			
	0,000 NIBP review		
	0,000 Alarm event		
	40 hours Trend		
	40 hours Full-disclosure Waveform 2 hour dynamic Short Trend		
- 4 1 4 1			

- Workstation
 - CPU: Intel Core i7 or better
 - Memory: at least 8gb or better
 - Hard disk: 500gb or better
 - Display interface: 2
 - LAN port: at least 1 or better
 - USB port: at least 3 or better
 - Desktop Monitor at least 24" or better
 - With keyboard and mouse
 - With Laserjet printer and printer cartridge
 - Access point The LAN router that connects the CMS to patient monitors
 - Must be supplied with UPS
- · Accessories and inclusions:
 - Must be supplied with trolley
 - ECG Cable
 - Adult and Pedia reusable SpO2 sensor
 - NIBP PVC hose
 - Infant (9), pedia (9), adult (9) and large adult cuff

- skin temperature probe

REQUIREMENTS, if awarded the contract

1. **Completion Period**: The delivery, installation, testing and commissioning of the equipment and its accessories, including the training of end-users and maintenance staff must be completed within **60 calendar days** upon receipt of Notice to Proceed.

(9)

- 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 the proper use and maintenance of the equipment to the end-users and to the hospital maintenance staff within 3 days upon delivery of the equipment.
- 4. Warranty:
- a) Warranty certificate for two (2) years on parts and service. The supplier shall either repair or replace any item or part in the equipment that is found to be defective in material or workmanship under normal use. The warranty period shall commence from the date of acceptance by the end-user after testing and commissioning.
- b) Preventive maintenance at least every six (6) months or according to the manufacturer's recommendations;
- c) Corrective maintenance within five (5) calendar days upon notification from the end-user regarding equipment breakdown/defects.
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 - b) Operation manual in English language
- 7. With "DOH-MMCHD HFEP (Government Property not for sale)" sticker in each

Source of Fund: SAA 2024-02-001002 (HFEP 2024)

TECHNICAL SPECIFICATIONS				
Item No. 3	PATIENT MONITOR WITH ETCO2	Qty./Unit	2 Units	

Name of Manufacturary	Country of Origin
Name of Manufacturer:	Country of Origin
Brand:	Model: (if applicable)
ABC: 650,000.00	
PURCHASER'S SPECIFICATION	STATEMENT OF COMPLIANCE
Technical Specifications:	
Dimension: Manufacturer's Standard Pink College (College College	
 Display: Color LCD Display a maximum of 12 - 13 waveforms 	8-
Weight: Manufacturer's Standard	
• Standard parameters: 5-lead ECG, HR, RESP, SpO2, NIBP, PR, TEMP	
 Parameters ranges include adults, pediatrics, and neonates 	
• Thermal resistance technique followed for temperature parameter with skin, oral	
cavity or optional, and rectal positions	
• Trend graph/ trend table review: 120 hrs, at 1 min resolution	
 Alarm/ Monitoring Even data: Up to 200 sets NIBP Measurement Review: Up to 1200 sets 	
Arrhythmia Events: Up to 200 sets	
• Lead mode, 5-Electrode: I, II, III, aVR, aVL, aVF, V	
• Heart Rate:	
- Range: 15 to 300 bpm (adult), 15 to 250 bpm (pedia)	
- Accuracy: ± 1%	
- Resolution: 1 bpm	
• ST Value - Range: -2.0 mV to +2.0 mV	
- Accuracy: ± 0.02 mV	
- Resolution: 0.01 mV	
• NIBP	
- Method: Oscillometry	
- Mode: Manula, Auto, Continuous	
- Measure Type: SYS, DIA, MAP, PR • SpO2	
- 0% to 100%	
- 1%	
• CO2	
- Intended patients for adult, pediatric and neonatal	
- Parameters EtCO2, FiCO2 and AwRR	
- Unit: mmHg, %, kPa - Measuring range: CO2 from 0 mmHg to 150 mmHg (0% to 20%)	
- AwRR from 2rpm to 150rpm	
- Resolution: EtCO2 1 mmHg, FiCO2 1 mmHg, and AwRR 1rpm	
- Accuracy: ±2mmHg, 0 mmHg to 40 mmHg	
- ±5% of reading, 41mmHg to 70mmHg	
- ±8% of reading, 71 mmHg to 100mmHg	
- ±10% of reading, 101 mmHg to 150mmHg	
 Operating time of at least 4 hours or better Accessories and inclusions: 	
- Must be supplied with trolley	
- ECG Cable	
- Adult and Pedia reusable SpO2 sensor	
- NIBP PVC hose	
- infant, pedia, adult and large adult cuff	
- skin temperature probe REQUIREMENTS, if awarded the contract	
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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.	
0	

3. **Training**: The supplier shall provide a training on the proper use and maintenance of the equipment to the end-users and to the hospital maintenance staff within 3 days upon delivery of the equipment.

4. Warranty:

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- b) Preventive maintenance at least every six (6) months or according to the manufacturer's recommendations;
- c) Corrective maintenance within five (5) calendar days upon notification from the end-user regarding equipment breakdown/defects.
- d) The number of days where the equipment is unusable due to equipment defects/faults shall be added to the warranty period.
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 - b) Operation manual in English language
- 7. With "**DOH-MMCHD HFEP** (Government Property not for sale)" sticker in each unit.

Source of Fund: SAA 2024-02-001002 (HFEP 2024)