



METRO MANILA CENTER FOR HEALTH DEVELOPMENT

SUPPLEMENTAL/ BID BULLETIN NO. 1

IB 2022 – 100E

SUPPLY, DELIVERY, INSTALLATION, TESTING, AND COMMISSIONING OF 6 UNITS HEMODIALYSIS MACHINE AND 1 UNIT REVERSE OSMOSIS DOUBLE PASS SYSTEM (LOT BIDDING)

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

Revision and clarification to provisions/specifications in the Bidding Documents:	
ITEM NO. 1:	
Accessories:	
<ul style="list-style-type: none"> - Treatment chair for each unit of Hemodialysis machine. • Reprocessing System: <ul style="list-style-type: none"> - Can support each unit of Hemodialysis machine. 	
FROM	TO
PROCUREMENT TITLE: ITEM NO. 1: 6 UNITS HEMODIALYSIS MACHINE	PROCUREMENT TITLE: ITEM NO. 1: SUPPLY, DELIVERY, INSTALLATION, TESTING, AND COMMISSIONING OF 6 UNITS HEMODIALYSIS MACHINE
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 30 calendar days upon receipt of notice to proceed.	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 30 to 120 calendar days upon receipt of notice to proceed.
PROCUREMENT TITLE: ITEM NO. 2: 1 UNIT REVERSE OSMOSIS DOUBLE PASS SYSTEM	PROCUREMENT TITLE: ITEM NO. 2: SUPPLY, DELIVERY, INSTALLATION, TESTING, AND COMMISSIONING OF 1 UNIT REVERSE OSMOSIS DOUBLE PASS SYSTEM
<ul style="list-style-type: none"> • Fully automated control panel switch 	<ul style="list-style-type: none"> • Fully automated control panel switch – touch screen or switch
<ul style="list-style-type: none"> • Hospital Chemical Gray Holding Tank 	<ul style="list-style-type: none"> • Hospital chemical white holding tank (white for the product tank [first and second pass], blue/gray for the source tank [first pass])
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 30 calendar days upon receipt of notice to proceed.	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 30 to 120 calendar days upon receipt of notice to proceed.

Bidders are advised to use the following attached forms and submit together with all required documents for the submission of bids on 27th day of June 2022, 9:00 AM:



Republic of the Philippines
Department of Health

METRO MANILA CENTER FOR HEALTH DEVELOPMENT

This Supplemental/Bid Bulletin No. 1 shall form an integral part of the Bidding Documents. All other provisions indicated in the bidding documents which are not affected by this Supplemental/Bid Bulletin No. 1 shall remain in effect.

For guidance and information of all concerned.

Issued this 19th day of June 2022 in MMCHD

Approved by:

A handwritten signature in blue ink, appearing to read "Aleli Annie Grace P. Sudiacal", is written over the printed name.

ALELI ANNIE GRACE P. SUDIACAL, MD, MPH
Director III / BAC Chairperson



METRO MANILA CENTER FOR HEALTH DEVELOPMENT

Republic of the Philippines Department of Health Metro Manila Center for Health Development			
TECHNICAL SPECIFICATIONS			
Item No. 1	SUPPLY, DELIVERY, INSTALLATION, TESTING, AND COMMISSIONING OF 6 UNITS HEMODIALYSIS MACHINE	Qty./Unit	6 UNITS
Name of Manufacturer:		Country of Origin	
Brand:		Model: (if applicable)	
ABC: 6,000,000.00			
PURCHASER'S SPECIFICATION		STATEMENT OF COMPLIANCE	
Technical Specifications: <ul style="list-style-type: none"> • Dimensions: Manufacturer's Standard • Operation Mode: Semi-Automatic • Water Supply <ul style="list-style-type: none"> - Inlet Pressure - 1.5 - 6.0 bar - Inlet Temperature - 5°C - 30°C - Max. Drain Height - 1 m • Concentrate Supply: 1 m suction height • Power Supply: 220V, 60Hz • Arterial Pressure monitoring <ul style="list-style-type: none"> - Display range: -300 mmHg to 280 mmHg - Accuracy: ±10 mmHg - Resolution: 20 mmHg • Venous Pressure monitoring <ul style="list-style-type: none"> - Display range: -60 mmHg to 520 mmHg - Accuracy: ±10 mmHg - Resolution: 20 mmHg • Transmembrane Pressure monitoring <ul style="list-style-type: none"> - Display range: -60 mmHg to 520 mmHg - Resolution: 20 mmHg 			



- 2 units probe holder
- **Arterial Blood Pump**
 - Blood Flow range: 15 to 600 ml/min
 - Accuracy: $\pm 10\%$
- **Air Detector:** detection of air and blood foam by ultrasound transmission, additional optical monitoring in venous clamp
- **Heparin Pump**
 - Delivery range: 0 to 10 ml/h
 - Bolus function: max. 5 ml per bolus
 - Syringe size: 20 ml, 30 ml, 50 ml
- **Dialysis Fluid Flow range:** 0 - 300 - 500 - 800 ml/min
- **Dialysis Fluid Temperature:** selectable 30°C to 39°C
- **Dialysate Fluid Filter System**
 - Filtration rate: 5 ml/min x mmHg
 - Operating time: max. of 12 weeks or 100 treatments
- **Ultrafiltration**
 - Ultrafiltration rate: 0 to 4.00 l/h
 - Accuracy: $\pm 1\%$
 - Displayed parameters: UF goal, UF time, UF rate, UF volume
- **Blood Leak Detector**
 - Sensitivity: ≤ 0.5 ml blood/min at max. flow 800 ml/min
- **Accessories:**
 - Manufacturer's Standard Package
 - Treatment chair for each unit of Hemodialysis machine.
- **Reprocessing System:**
 - Can support each unit of Hemodialysis machine.

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 **30 to 120 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



METRO MANILA CENTER FOR HEALTH DEVELOPMENT

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: 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 in workmanship under normal use. 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 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

x-x

Recipient: San Juan Medical Center - 6 units

Additional Requirement to be submitted by the Single/Lowest Calculated Bidder (SCB/LCB) as part of post qualification:

1. One (1) original sample of manufacturer's product to be submitted and returned after evaluation. The sample submitted and approved during the evaluation shall be the same item to be delivered upon award of contract. Prototype of the labelling instruction must be part of the sample submitted however, the technical specifications of the labelling instruction of the product must be complied upon delivery.



METRO MANILA CENTER FOR HEALTH DEVELOPMENT

Republic of the Philippines Department of Health Metro Manila Center for Health Development TECHNICAL SPECIFICATIONS			
Item No. 2	SUPPLY, DELIVERY, INSTALLATION, TESTING, AND COMMISSIONING OF 1 UNIT REVERSE OSMOSIS DOUBLE PASS SYSTEM	Qty./Unit	1 Unit
Name of Manufacturer:			Country of Origin
Brand:			Model: (if applicable)
ABC: 3,200,000.00			
PURCHASER'S SPECIFICATION			STATEMENT OF COMPLIANCE
Technical Specifications: Reverse Osmosis System Double and Reprocessing System Wall-mounted <ul style="list-style-type: none"> • Semi automated 2 dialyzer station • Wall mounted/ Cabinet type • Poly Glass Casement • With Chemical Pump for Dialyzer Disinfection • With Air pump for total blood volume test • With Digital leak tester • With pressure gauge monitor • With Pressure control valve • Push button on/off switch • With dialysate coupling parking • Silicon hose tubing Mixer 100L <ul style="list-style-type: none"> • With Agitator • Stainless Frame • Chemical Plastic Holding Tank 			



METRO MANILA CENTER FOR HEALTH DEVELOPMENT

- Push Button on and off switch

Water Treatment "Double Pass"

- All components in Contract with Pure water meets AAMI Standard
- Passes must have thin film hydraulic membrane and pressure membrane vessel
- The whole system must be complete with all necessary flow meters, pressure gauges, valves, meter, filters, regulators, switches and controls

- First Pass- 12000 GPD
 - 2 units alternating Reverse Osmosis Multi Stage Vertical Pump
 - All components in Contract with Pure water meets AAMI Standard
 - has First Stage Storage Tank
 - has Automatic Control System
 - has independent control system
 - has a sampling port for product sampling
 - has a chemical tank with injection pump for system disinfection
- Second Pass- 6000GPD
 - 2 units of Reverse Osmosis Multi Stage Vertical Pump
 - has recyclable feature for the reject water from 2nd pass to raw tank
- Fully Automated control panel switch – touch screen or switch
- With backup raw water feed pump
- With backup re circulation product pump
- Hospital grade plastic chemical holding tank
- High & Low Pressure Switch
- Low & High Level Water Float Switch
- Complete Schedule 80 Gray 5 for piping, valves and fittings
- Recirculation System Loop
- Back Feed pump back up motor
- Recirculation back up motor
- back up R.O Vertical pump - At least 1.5 hp
- Hospital Chemical White Holding Tank (White for the product tank [first and second pass], Blue/Gray for the source tank [first pass])

REQUIREMENTS IF AWARDED THE CONTRACT:

1. **Completion Period:** The delivery, installation, testing and commissioning of the equipment and its accessories, including the



METRO MANILA CENTER FOR HEALTH DEVELOPMENT

training of end-users and maintenance staff must be completed within **30 to 120 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 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:** 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 in workmanship under normal use. The warranty period shall commence from the date of acceptance by the end-user after testing and commissioning.

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- 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.

x-x

Source of Fund: SAA 2022-02-0531

Recipient: San Juan Medical Center