University of the Philippines Manila
The Health Sciences Center
BIDS & AWARDS COMMITTEE 1 (BAC 1)

Proj. Ref. No.: **PUR22-05-0479** Opening of Bids: **01 JULY, 2021**
End-User: **DEPARTMENT OF PEDIATRICS, DIVISION OF NEONATOLOGY** ABC: **Php20,000,000.00**
Project: **SUPPLY, DELIVERY AND TESTING OF TWENTY (20) UNITS BASIC INCUBATOR FOR THE NEWLY RENOVATED NEONATAL ICU**
Contract: **Single Bid**

Item No.	Qty.	UOM	Item Description	Unit Price	Quotations (all taxes included)	
					in figures	in words
1	20	Unit	**BASIC INCUBATOR FOR THE NEWLY RENOVATED NEONATAL ICU**	1,000,000.00		
			Technical Specifications:			
			A. Hood Specifications: 1. Must have the following access and ports: a. Front and Rear Access Panel b. At least four (4) Access port and two (2) iris ports c. At least three (3) left and three (3) right tubing Grommets on the front d. At least two (2) left and two (2) right tubing grommets on the rear e. Standard hood includes 2. Access panel opening height: 28cm 3. Mattress tray size: 40.6 cm x 81 cm (+/-2%) 4. Mattress to hood height: At least 41.2cm 5. Mattress size: 38.1 cm x 73.66 cm (+/-2%) 6. Mattress tilt: At least 12% (+/-1%), continuously variable 7. With external mattress control to avoid disturbing the baby. 8. With Integrated X-ray Tray			
			B. Cabinet and Shelf Specifications: 1. Casters: At least four (4) Casters, Five (5) inches in diameter with friction brakes 2. Storage Volume: At least 80 Liters 3. Recessed depth: Not more than 15cm recessed cabinet 4. Front loading cabinet doors: At least two (2)			

Approved by:

~Original Signed~

Dean BIENVENIDO S. BALOTRO, RPh, DBA, MS
Chairperson

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

(Name & Address of Company)

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			5. With at least two (2) level storage 6. Door closing mechanism: Soft-stop hinges, does not snap or create noise when closing 7. Opening angle of the doors: > 90 degrees 8. Cabinet stand accessories: a. Gas tank mount b. Shelf c. IV Pole 9. With Utility shelf to keep materials within easy reach.			
			C. Controller System 1. Algorithm type of the Servo Control System: Proportional Differential Integral) control algorithm 2. Controller with LCD: a. Must have brightness control b. Selectable color combinations 3. With RS-232 output 4. With Keypad lock			
			D. Temperature Control Modes 1. Temperature control modes: Skin and air temperature control mode 2. Air mode control temperature range: 20.0 degrees Centigrade to 23.0 degrees Centigrade 3. Air mode control override temperature range: 37.0 degrees Centigrade to 39.0 degrees Centigrade 4. Skin mode control temperature range: 34.0 degrees Centigrade to 37.0 degrees Centigrade 5. Skin mode control override temperature range: 37.0 degrees Centigrade to 38.0 degrees Centigrade			

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			6. With Dual-skin temperature monitoring			
			E. Trend Parameters 1. 24-hour trend of the following parameters should be available: a. Air temperature b. Skin Temperature c. Relative humidity d. Oxygen Concentration e. Heater Power 2. 7-day trend of weight gain and loss should be available			
			F. Performance Parameters 1. Air flow velocity across mattress: <10cm/sec 2. Temperature rise time at 22°C (72°F) ambient: <35 mins 3. Temperature variability: <0.5 degrees Centigrade 4. Temperature overshoot: < 0.5 degrees centigrade maximum 5. Temperature uniformity with a level mattress: < 0.8 degrees Centigrade 6. Correlation of the indicated air temperature to the actual incubator temperature (after the incubator equilibrium is reached: </=0.8 degrees centigrade 7. Operating noise level in hood: <47 dBA 8. Operating noise level in hood with Servo Controlled Oxygen: < 49dBA 9. Carbon Dioxide (CO2) level (per EN 60601-2-19): <0.5% 10. With Micro air intake filter of not less than 99.9% efficiency 11. Particle size removal: 0.3 micron			
			G. Servo Humidity Options			

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			1. Humidity control range: 30% to 95% in 1% increments 2. Humidity control operating time without refilling: At least 24 hours @ 85% RH and 36 degrees Centigrade, in Air Mode 3. Humidity control reservoir capacity: At least 1,000ml 4. Humidity display accuracy: +/- 6% RH (between 10% at 20 degrees Centigrade to 40 degrees Centigrade)			
			H. Servo Oxygen Options 1. Oxygen control range: 21% to 65% min range 2. Oxygen control accuracy of full scale: +/-2% 3. Oxygen display accuracy (100% calibration): +/-3% 4. Oxygen display accuracy (21% calibration): +/-5% 5. Oxygen display resolution: Not more than 1%			
			I. Scale Option 1. Weight range: 0 to 7 kg 2. Weight display resolution: 1 gram or 1 oz 3. Weight accuracy: 2 grams +/-1/2 digit up to 2kg; 5 grams +/-1/2 digit over 2kg			
			J. Device Classification 1. Protection class: Class I, type BF, Continuous Operation 2. Ingress of liquid: IPX0 or better			
Approved Budget for the Contract (ABC) :				**PHP20,000,000.00**		

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TERMS & CONDITIONS:

A. Requirement/s if declared as Lowest/Single Calculated Bids:

1. Presentation of Technical data sheet and/or presentation of a prototype equipment within seven (7) calendar days after receipt of Notice of Lowest/ Single Calculated Bid.

B. Requirement/s if awarded the contract:

1. Delivery Period: Within Ninety (90) calendar days after receipt of Notice to Proceed (NTP)
2. Delivery Place: Equipment Section, Property & Supply Division, Philippine General Hospital, Taft Avenue, Manila
3. Warranty Period / Coverage of Warranty: One (1) year on parts and service. Free quarterly preventive maintenance during the warranty period. Warranty Period shall commence from the date of acceptance by the end user after installation, testing and commissioning.
4. Signed service level agreement with the Philippine General Hospital.
5. Original hard copy (not photocopy) or soft copy of operators and service manuals in English Language.
6. Training: product orientation for end users and troubleshooting training for at least two (2) biomedical engineers for one (1) day.
7. Quotation of the Annual Preventive Maintenance Cost after the warranty period expires
8. Acceptance Procedures and Parameters: Visual and functional testing.

C. Documents Required of the Bidder to be submitted during Post-Qualification:

1. Brochures/ Technical data sheet
2. SEC registration to prove that the supplier is in the business of importing and supplying medical equipment
3. Certified true copy of the Certificate of Distributorship for the last three (3) years. The principal and the local distributor must have been in business partnership for at least three (3) years.
4. Certificate that the Brand must have been in the local market for at least five (5) years. Proof required: Invoices
5. The Brand must have been installed in at least five (5) government and/or private hospitals. A list of the hospital and contact no must be submitted.
6. Certification by the supplier that at least one service engineer is available locally to provide quick on-site support
7. Certificate of Performance Evaluation from the Single Largest Contract.
8. List of local Service Center/s
9. License to Operate (LTO) from the Philippine FDA

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D. Documents Required of the Principal to be Submitted During Post-Qualification

1. Certification that the manufacturer has been in the business of manufacturing Hospital Equipment for at least Ten (10) years.
2. Guarantee Letter from the manufacturer to ensure availability of supplies, parts and accessories for at least five (5) years after expiration of the warranty period
3. Certification by the principal that service engineers are factory trained on service and repair.
4. ISO compliance Certificate of the manufacturer.
5. List of the manufacturer's office and contact details in the following territories: Western Europe, US/Canada and Japan.

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