



BID BULLETIN NO. 02

Date: **29 September 2023**

ITB No.: **bac-23-0908f**

Project Name: **Supply and Delivery of Various Medical Equipment-
PCGH Emergency Room**

ABC: Php15,620,400.00

To all prospective bidders:

This Bid Bulletin is issued to clarify, supplement, modify and/or revise the particular sections in the Bid and Contract Documents as stipulated in the Bidding Documents issued on 08 September 2023. The Bidders shall take note of the following items carefully and consider them in the preparation of their bid proposals, as they shall form part of the CONTRACT DOCUMENTS.

Item	Previous Specification/ Clarification/Request to Consider	Amendment/Response to Clarification
1	PREVIOUS SECTION I. INVITATION TO BID /BID BULLETIN NO.01 1. The CITY GOVERNMENT OF PASIG , through the Executive Budget CY 2023 intends to apply the sum of Fifteen Million Six Hundred Twenty Thousand Four Hundred Pesos Only (Php 15,620,400.00) being the ABC to payments under the contract for the Supply and Delivery of Various Medical Equipment - PCGH Emergency Room. Bids received in excess of the ABC for each lot shall be automatically rejected at bid opening.	AMENDMENT TO SECTION I. INVITATION TO BID / BID BULLETIN NO.01 1. The CITY GOVERNMENT OF PASIG , through the Executive Budget CY 2023 intends to apply the sum of Fifteen Million Six Hundred Twenty Thousand Four Hundred Pesos Only (Php 15,620,400.00) being the ABC to payments under the contract for the Supply and Delivery of Various Medical Equipment - PCGH Emergency Room. Bids received in excess of the ABC for each lot shall be automatically rejected at bid opening.

ITEM NO.	DESCRIPTION	ABC (PHP)	ITEM NO.	DESCRIPTION	ABC (PHP)
	LOT 1 - ULTRASOUND MACHINE	4,000,000.00		LOT 1 - ULTRASOUND MACHINE	4,000,000.00
1	PORTABLE BEDSIDE ULTRASOUND		1	PORTABLE BEDSIDE ULTRASOUND	
	LOT 2-INFUSION PUMP	350,000.00		LOT 2-INFUSION PUMP	350,000.00
2	INFUSION PUMP		2	INFUSION PUMP	
	LOT 3 - EMERGENCY DEPARTMENT EQUIPMENT	3,021,000.00		LOT 3A - EMERGENCY DEPARTMENT EQUIPMENT	2,700,000.00
3	Stretcher (FOR EMERGENCY DEPARTMENT USE)		3	Stretcher (FOR EMERGENCY DEPARTMENT USE)	
4	EMERGENCY CART			LOT 3B - EMERGENCY DEPARTMENT EQUIPMENT	321,000.00
5	STAINLESS WHEELCHAIR		4	EMERGENCY CART	
	LOT 4-PULSE OXIMETER	430,000.00	5	STAINLESS WHEELCHAIR	
6	TABLETOP PULSE OXIMETER WITH FINGER PROBE AND CABLE			LOT 4-PULSE OXIMETER	430,000.00
7	PULSE OXIMETER WITH FINGER PROBE AND CABLE		6	TABLETOP PULSE OXIMETER WITH FINGER PROBE AND CABLE	
	LOT 5 - MECHANICAL VENTILATOR	2,304,000.00	7	PORTABLE PULSE OXIMETER WITH FINGER PROBE AND CABLE	
8	TRANSPORT MECHANICAL VENTILATOR			LOT 5 - MECHANICAL VENTILATOR	2,304,000.00
	LOT 6-HIGH FLOW NASAL CANNULA MACHINE	2,334,000.00	8	TRANSPORT MECHANICAL VENTILATOR	
9	HIGH FLOW NASAL CANNULA MACHINE			LOT 6-HIGH FLOW NASAL CANNULA MACHINE	2,334,000.00
	LOT 7- ELECTROCARDIOGRAPHY AND DEFIBRILLATOR	2,906,400.00	9	HIGH FLOW NASAL CANNULA MACHINE	
10	12 LEAD ELECTROCARDIO			LOT 7A - ELECTROCARDIO	2,618,400.00

	GRAPHY WITH TROLLEY	
11	PORTABLE DEFIBRILLATOR WITH MONITOR FOR PRE-HOSPITAL USE	
12	PULSE OXIMETER FOR ZOLL DEFIBRILLATOR	
	LOT 8 - PORTABLE SUCTION MACHINE	275,000.00
13	PORTABLE SUCTION MACHINE, RECHARGEABLE	
	TOTAL AMOUNT	15,620,400.00

xxx xxx xxx

7. Bids must be duly received by the Procurement Management Office through manual submission at the office address indicated below, on or before *October 02, 2023, 9:30 A.M.* Late bids shall not be accepted.

xxx xxx xxx

9. Bid opening shall be on *October 02, 2023, 10:00 A.M* at the given address below. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.

xxx xxx xxx

	GRAPHY AND DEFIBRILLATOR	
10	12 LEAD ELECTROCARDIO GRAPHY WITH TROLLEY	
11	PORTABLE DEFIBRILLATOR WITH MONITOR FOR PRE-HOSPITAL USE	
	LOT 7B - PULSE OXIMETER FOR ZOLL DEFIBRILLATOR	288,000.00
12	PULSE OXIMETER FOR ZOLL DEFIBRILLATOR	
	LOT 8 - PORTABLE SUCTION MACHINE	275,000.00
13	PORTABLE SUCTION MACHINE, RECHARGEABLE	
	TOTAL AMOUNT	15,620,400.00

xxx xxx xxx

7. Bids must be duly received by the Procurement Management Office through manual submission at the office address indicated below, on or before **October 06, 2023, 9:30 A.M.** Late bids shall not be accepted.

Xxx xxx xxx

9. Bid opening shall be on **October 06, 2023, 10:00 A.M** at the given address below. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.

Xxx xxx xxx

<p>2</p>	<p>PREVIOUS REMINDERS / BID BULLETIN NO. 01 XXX XXX XXX</p> <p>BIDDING DOCUMENTS AND AVAILABILITY FEE / BID BULLETIN NO.01</p> <ul style="list-style-type: none"> • Bidding Documents: <ul style="list-style-type: none"> ➢ September 8, 2023 to October 02, 2023 until 9:30 AM ➢ 8:00 am to 5:00 pm and upon payment of applicable fees for the Bidding Documents at the City Treasurer’s Office <p>XXX XXX XXX</p> <p>REMINDERS:</p> <ul style="list-style-type: none"> • The deadline for the submission of bid is on October 02, 2023 (Monday) at 9:30 AM at the BAC Secretariat’s Office, 4th Floor Pasig City Hall, Caruncho Ave., San Nicolas Pasig City. The digital clock at the BAC Secretariat’s Office that is set to the Philippine Time (PhST) shall be used as reference in determining the time for the submission of bids, hence participating bidders are advised to synchronize their timepiece with the said digital clock. Late bids or those who submitted after 9:30 AM of October 02, 2023 (Monday) shall not be accepted. <p>XXX XXX XXX</p>	<p>AMENDMENT TO REMINDERS / BID BULLETIN NO. 01 XXX XXX XXX</p> <p>BIDDING DOCUMENTS AND AVAILABILITY FEE/ BID BULLETIN NO.01</p> <ul style="list-style-type: none"> • Bidding Documents: <ul style="list-style-type: none"> ➢ September 8, 2023 to October 06, 2023 until 9:30 AM ➢ 8:00 am to 5:00 pm and upon payment of applicable fees for the Bidding Documents at the City Treasurer’s Office <p>XXX XXX XXX</p> <p>REMINDERS:</p> <ul style="list-style-type: none"> • The deadline for the submission of bid is on October 06, 2023 (Friday) at 9:30 AM at the BAC Secretariat’s Office, 4th Floor Pasig City Hall, Caruncho Ave., San Nicolas Pasig City. The digital clock at the BAC Secretariat’s Office that is set to the Philippine Time (PhST) shall be used as reference in determining the time for the submission of bids, hence participating bidders are advised to synchronize their timepiece with the said digital clock. Late bids or those who submitted after 9:30 AM of October 06, 2023 (Friday) shall not be accepted. <p>XXX XXX XXX</p>
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<ul style="list-style-type: none"> Bid opening shall be on October 02, 2023 (Monday) at 10:00 AM at 7th Floor Meeting Room, Pasig City Hall, Caruncho Ave., San Nicolas Pasig City. Bids will be opened in the presence of the bidders' representatives who choose to attend. <p style="text-align: center;">xxx xxx xxx</p>	<ul style="list-style-type: none"> Bid opening shall be on October 06, 2023 (Friday) at 10:00 AM at 7th Floor Meeting Room, Pasig City Hall, Caruncho Ave., San Nicolas Pasig City. Bids will be opened in the presence of the bidders' representatives who choose to attend. <p style="text-align: center;">xxx xxx xxx</p>								
<p>2 PREVIOUS SECTION II. INSTRUCTION TO BIDDERS</p> <p>1. SCOPE OF BID</p> <p style="text-align: center;">xxx xxx xxx</p> <p>The Procurement Project (referred to herein as "Project") is composed of eight (8) lots, the details of which are described in Section VII (Technical Specifications).</p> <p style="text-align: center;">xxx xxx xxx</p>	<p>AMENDMENT TO SECTION II. INSTRUCTION TO BIDDERS</p> <p>2. SCOPE OF BID</p> <p style="text-align: center;">xxx xxx xxx</p> <p>The Procurement Project (referred to herein as "Project") is composed of ten (10) lots, the details of which are described in Section VII (Technical Specifications).</p> <p style="text-align: center;">xxx xxx xxx</p>								
<p>3 PREVIOUS SECTION III. BID DATA SHEET</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">ITB CLAUSE</th> <th></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">5.3</td> <td> <p>For this purpose, contracts similar to the Project shall be:</p> <p style="margin-left: 20px;">a. Lot 1-Supply and Delivery of Ultrasound Machine</p> <p style="margin-left: 20px;">Lot 2-Supply and Delivery of Infusion Pump</p> <p style="margin-left: 20px;">Lot 3-Supply and Delivery of Medical Equipment</p> <p style="margin-left: 20px;">Lot 4-Supply and Delivery of Pulse Oximeter</p> <p style="margin-left: 20px;">Lot 5- Supply and Delivery of</p> </td> </tr> </tbody> </table>	ITB CLAUSE		5.3	<p>For this purpose, contracts similar to the Project shall be:</p> <p style="margin-left: 20px;">a. Lot 1-Supply and Delivery of Ultrasound Machine</p> <p style="margin-left: 20px;">Lot 2-Supply and Delivery of Infusion Pump</p> <p style="margin-left: 20px;">Lot 3-Supply and Delivery of Medical Equipment</p> <p style="margin-left: 20px;">Lot 4-Supply and Delivery of Pulse Oximeter</p> <p style="margin-left: 20px;">Lot 5- Supply and Delivery of</p>	<p>AMENDMENT TO SECTION III. BID DATA SHEET</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">ITB CLAUSE</th> <th></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">5.3</td> <td> <p>For this purpose, contracts similar to the Project shall be:</p> <p style="margin-left: 20px;">a. Lot 1-Supply and Delivery of Medical Equipment</p> <p style="margin-left: 20px;">Lot 2-Supply and Delivery of Medical Equipment</p> <p style="margin-left: 20px;">Lot 3A-Supply and Delivery of Medical Equipment</p> <p style="margin-left: 20px;">Lot 3B-Supply and Delivery of Medical Equipment</p> <p style="margin-left: 20px;">Lot 4-Supply and Delivery of Medical</p> </td> </tr> </tbody> </table>	ITB CLAUSE		5.3	<p>For this purpose, contracts similar to the Project shall be:</p> <p style="margin-left: 20px;">a. Lot 1-Supply and Delivery of Medical Equipment</p> <p style="margin-left: 20px;">Lot 2-Supply and Delivery of Medical Equipment</p> <p style="margin-left: 20px;">Lot 3A-Supply and Delivery of Medical Equipment</p> <p style="margin-left: 20px;">Lot 3B-Supply and Delivery of Medical Equipment</p> <p style="margin-left: 20px;">Lot 4-Supply and Delivery of Medical</p>
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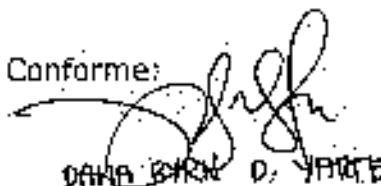
	<p>Delivery of Mechanical Ventilator</p> <p>Lot 6- Supply and Delivery of High Flow Nasal Cannula Machine</p> <p>Lot 7-Supply and Delivery of Electrocardiography and Defibrillator Machine</p> <p>Lot 8-Supply and Delivery of Portable Suction Machine</p> <p>xxx xxx xxx</p>		<p>Delivery of Medical Equipment</p> <p>Lot 5- Supply and Delivery of Medical Equipment</p> <p>Lot 6- Supply and Delivery of Medical Equipment</p> <p>Lot 7A-Supply and Delivery of Medical Equipment</p> <p>Lot 7B-Supply and Delivery of Medical Equipment</p> <p>Lot 8-Supply and Delivery of Medical Equipment</p> <p>xxx xxx xxx</p>
20.2	<p>For purposes of Post-Qualification, the following documents shall be required:</p> <p>xxx xxx xxx</p> <ul style="list-style-type: none"> • Three (3) Certificate of good performance for the past five (5) years of the following. Lot Nos.1, 2, 4, 5, 6, 7 & 8 	20.2	<p>For purposes of Post-Qualification, the following documents shall be required:</p> <p>xxx xxx xxx</p> <ul style="list-style-type: none"> • Three (3) Certificate of good performance for the past five (5) years of the following. Lot Nos.1, 2, 4, 5, 6, 7 & 8 • Aviation Certification (for Item 8 – Transport Mechanical Ventilator) • Shock proof drop test documents with or without protective case/bag (for Item 8 – Transport Mechanical Ventilator)

4	PREVIOUS SECTION VI. SCHEDULE OF REQUIREMENTS As reflected in the Bidding Documents uploaded in PhilGEPS	AMENDMENT TO SECTION VI. SCHEDULE OF REQUIREMENTS Please refer to ANNEX "A" for the Revised Section VI. Schedule of Requirements.
5	PREVIOUS SECTION VII. TECHNICAL SPECIFICATIONS As reflected in the Bidding Documents uploaded in PhilGEPS	AMENDMENT TO SECTION VII. TECHNICAL SPECIFICATIONS Please refer to ANNEX "B" for the Revised Section VII. Technical Specifications
6	PREVIOUS ITEMS TO BE BID As reflected in the Bidding Documents uploaded in PhilGEPS	AMENDMENT TO ITEMS TO BE BID Please refer to ANNEX "C" for the Revised Items to be Bid
7	PREVIOUS TERMS OF REFERENCE As reflected in the Bidding Documents uploaded in PhilGEPS	AMENDMENT TO TERMS OF REFERENCE Please refer to ANNEX "D" for the Revised Terms of Reference

Bidders who have already submitted bids are hereby informed that they are allowed to modify or withdraw their bids, if necessary, before the scheduled opening of bid envelopes.

For modifications in your original submitted bid, kindly submit new bidding documents (sealed and marked as "Modified Bid") and have these received at the Office of the Bids and Awards Secretariat. Bid modifications received after the deadline shall not be considered and shall be returned to the bidder unopened.

Conforme:



DANA BERN D. YARTE

END-USER REPRESENTATIVE
Signature Over Printed Name



ATTY. JOSEPHINE C. LATI-BAGOISAN
Chairperson

REVISED SECTION VI. SCHEDULE OF REQUIREMENTS

Item #	Description	Quantity	Total	Delivered, Weeks/Months
	LOT 1- ULTRASOUND MACHINE			Within 90 calendar days upon issuance of Notice to Proceed
1	PORTABLE BEDSIDE ULTRASOUND	1 pc	1 pc	
	LOT 2-INFUSION PUMP			
2	INFUSION PUMP	5 units	5 units	
	LOT 3A- EMERGENCY DEPARTMENT EQUIPMENT			
3	Stretcher (FOR EMERGENCY DEPARTMENT USE)	9 units	9 units	
	LOT 3B- EMERGENCY DEPARTMENT EQUIPMENT			
4	EMERGENCY CART	1 unit	1 unit	
5	STAINLESS WHEELCHAIR	10 units	10 units	
	LOT 4-PULSE OXIMETER			
6	TABLETOP PULSE OXIMETER WITH FINGER PROBE AND CABLE	3 units	3 units	
7	PORTABLE PULSE OXIMETER WITH FINGER PROBE AND CABLE	10 units	10 units	
	LOT 5- MECHANICAL VENTILATOR			
8	TRANSPORT MECHANICAL VENTILATOR	2 units	2 units	
	LOT 6-HIGH FLOW NASAL CANNULA MACHINE			
9	HIGH FLOW NASAL	3 units	3 units	

	CANNULA MACHINE			
	LOT 7A- ELECTROCARDIO GRAPHY AND DEFIBRILLATOR			
10	12 LEAD ELECTROCARDIOG RAPHY WITH TROLLEY	4 units	4 units	
11	PORTABLE DEFIBRILLATOR WITH MONITOR FOR PRE- HOSPITAL USE	1 unit	1 unit	
	LOT 7B-PULSE OXIMETER FOR ZOLL DEFIBRILLATOR			
12	PULSE OXIMETER FOR ZOLL DEFIBRILLATOR	6 units	6 units	
	LOT 8-PORTABLE SUCTION MACHINE			
13	PORTABLE SUCTION MACHINE, RECHARGEABLE	5 units	5 units	

REVISED SECTION VII. TECHNICAL SPECIFICATIONS

		Evidence of Compliance	
	LOT 1-ULTRASOUND MACHINE		
1	PORTABLE BEDSIDE ULTRASOUND Specifications: 1. The unit shall have 15"-16" monitor size 2. The unit shall have a convenient button probe 3. The unit shall have a 2D mode and M mode 4. The unit should be compatible with jpeg, wmv and avi 5. The unit shall have a wireless LAN 6. The unit shall have an independent steer/ lockable wheels 7. The unit shall have at least 3 active probe ports 8. The unit shall include cardiac probe, curvilinear probe, linear probe, vaginal probe 9. The unit shall have a touch screen 10. The unit shall have a boot up time less than 15 seconds 11. Unit shall have a cleaning disinfection mode 12. Unit shall have an emergency mode where in the ultrasound can be used even without input of patient's details for emergency cases		

	<p>13. Must have a back-up battery with battery life of at least 2 hours for portable use and pre-hospital use.</p>		
LOT 2-INFUSION PUMP			
<p>2</p>	<p>INFUSION PUMP</p> <p>Specifications:</p> <ol style="list-style-type: none"> 1. The unit size should not exceed 6 in x 7 in x 10 in (LxDxH) 2. The unit's weight should not be more than 2 kgs 3. The unit's battery life should be up to 2 hours with continuous operation 4. The unit should have an accumulated infusion volume of 0.1- 9999.5 ml 5. The unit's flow rate mode must have a range of 0.1 ml/hr to 1500 ml/hr or higher 6. The unit should have a drop rate mode range of 1-400 drop/min 7. The unit should have an infusion rate increment of 0.1 ml/hr 8. The unit should have an alarm type on air bubble, finish, occlusion, low battery, battery empty, handle opened, and errors 9. The unit should have a power supply of 100- 240 vac 60/60 Hz 		
LOT 3A-EMERGENCY DEPARTMENT EQUIPMENT			

3	<p>Stretcher (FOR EMERGENCY DEPARTMENT USE) Specifications</p> <ol style="list-style-type: none"> 1. Weight capacity range of 220kgs up to 317.5 kgs 2. Overall length at least 210.8 cms. 3. Overall width at least (side rails up) 29 -36 inches 4. Floor to base clearance at least 3.5 inches (8.9 cms.) 5. Back raise range up to 0-90 degrees 6. Capable of Trendelenburg/Reverse Trendelenburg position ranging from -18 to 18 degrees 7. With hydraulic operations for ease of maneuvers and adjustment of bed height 8. With foam mattress at least 5 inches thick 9. Side rail height above sleep deck at least 11-13 inches in height 10. Side rail length at least 46-48 inches in length 		
<p>LOT 3B-EMERGENCY DEPARTMENT EQUIPMENT</p>			
4	<p>EMERGENCY CART Specifications:</p> <ol style="list-style-type: none"> 1. The unit's overall size shall be at least 750mm (L) x 500mm (W) x 1000mm (H). 2. The unit shall be made of 25.4mm x 18G stainless steel tubular frame work or it's equivalent 		

(manufacturer standard).

3. The unit should weight 55 - 58 kg.
4. The unit shall have Epoxy/ Anti- microbial powder paint inside and out.
5. The unit shall have dual push handles on either side.
6. The unit shall have 5- 6 drawers, with removable bins.
7. The unit shall have a break- away locking system.
8. The unit shall have a protective bumper extending the wheel base.
9. The unit shall have full swivel castor wheels
 - non rusting
 - with at least **10-12.5 cm** diameter
 - two castors having locking arrangements or brakes
- 10.The unit shall have sharps container.
- 11.The unit shall have oxygen tank container.
- 12.The unit shall have a cardiac board which is easy clean polymer.
- 13.The unit shall have a defibrillator shelf which
 - rotates 360 degrees
 - locks tight during transportation

5	<p>STAINLESS WHEELCHAIR Specifications:</p> <ol style="list-style-type: none"> 1. Weight capacity of 300 lbs 2. Seat width at least 44.5-46cm 3. Width between arms at least 17" 4. With elevating footrest 5. Floor to seat height of more than 20-21" 6. Overall height with back straightened up to 34-39" 7. With built in back pocket for additional storage 8. Made of powder coated steel structure 		
LOT 4-PULSE OXIMETER			
6	<p>TABLETOP PULSE OXIMETER WITH FINGER PROBE AND CABLE, Specifications:</p> <ol style="list-style-type: none"> 1. Power input 100-240 V 50/60Hz 2. Operating hours up to 10 hours 3. Spo2 range 0-100% 4. Pulse rate range 20-250bpm 5. Alarm limit spo2 36% - 100% 6. Alarm limit pulse rate 21-250 bpm 7. Transportable up to 8 hours use with built in rechargeable battery 8. Double advantage wide display table top and IV pole clamp of handheld oximeter 9. The unit shall provide for a finger probe or multi-site probe. 		
7	<p>PORTABLE PULSE OXIMETER WITH FINGER PROBE AND CABLE, Specifications:</p> <ol style="list-style-type: none"> 1. Power input 100-240 V 50/60Hz 		

	<ol style="list-style-type: none"> 2. Operating hours up to 10 hours 3. Spo2 range 0-100% 4. Pulse rate range 20-250bpm 5. Alarm limit spo2 36% - 100% 6. Alarm limit pulse rate 21-250 bpm 7. Transportable up to 8 hours use with built in rechargeable battery 8. Double advantage wide display that has carrying capability as handheld oximeter 9. The unit shall provide for a finger probe or multi-site probe. 		
	<p>LOT 5-MECHANICAL VENTILATOR</p>		
<p>8</p>	<p>TRANSPORT MECHANICAL VENTILATOR Specifications:</p> <ol style="list-style-type: none"> 1. Must include adult and infant ventilator modes 2. Must have a minimum tidal volume of 50ml to 2000ml 3. Must have at least 40% - 100% or equivalent oxygen concentration collection 4. Must include the following modes of ventilation: VC-CMV, VC-AC, VC-SIMV, CPAP 5. Must weigh 5.4 kgs or less (including battery) 6. Must have at least 4 hours operation time (battery life) 7. Display parameters <ol style="list-style-type: none"> a. Must have measured values displays (RR, MV, 		

	<p>PEEP, VTE) b. With PEEP settings, trigger sensitivity, I:E ratio c. Must have gas consumption calculations</p> <p>8. Performance a. Must have handle or built-in mount that can be mounted in the railings without using any tools b. Must have aviation certification c. Must be shock proof with drop test documents with or without protective case/bag</p>		
<p>LOT 6-HIGH FLOW NASAL CANNULA MACHINE</p>			
<p>9</p>	<p>HIGH FLOW NASAL CANNULA MACHINE Specifications:</p> <ol style="list-style-type: none"> 1. Must have LCD screen display with dimension of at least 5cm x 3cm or larger 2. Must be 2 – 6 kg including battery or UPS (uninterrupted power supply) 3. Must include trolley 4. Must be at least 10- 60L/min flow rate range for adults 5. Must be 2- 30L/min flow rate range for infants/ children 6. Heating must have temperature range of 31- 37 degree Celsius, with increments of at least 1 degree Celsius 		

<p>7. Must have humidity range of at least 33mg/dL at 37 degree Celsius target</p> <p>8. Must include alarm for the following:</p> <ul style="list-style-type: none"> a. SPO2 (too low or too high) b. PR (too low or too high) c. Oxygen concentration (too low or too high) d. Oxygen supply pressure (too low or too high) <p>9. Must have a built-in electronic or mechanical flow meter and controllers adjustment method of oxygen concentration</p> <p>10. Must have built-in Digital or mechanical Oxygen Blender</p> <p>11. Must have built-in compressor or flow generator</p> <p>12. Must include disinfection kit</p> <p>13. Must have integrated battery or UPS battery life/power supply of at least 4 hours</p> <p>14. Must have the following accessories:</p> <ul style="list-style-type: none"> a. Water chamber (autorefill water tank) b. Heating breathing tube at least 10 kits c. Nasal cannula for adult at least 10 kits d. Nasal cannula for pediatric at least 10 kits e. Tracheostomy interface <p>15. Must have a power supply of 100- 240 V</p>		
<p>LOT 7A- ELECTROCARDIOGRAPHY</p>		

AND DEFIBRILLATOR

<p>10 12 LEAD ELECTROCARDIOGRAPHY WITH TROLLEY</p> <p>Specifications:</p> <ol style="list-style-type: none">1. Must have multicolor touch screen display2. Must have simultaneous 12 Leads resting ECG3. Must include the following modes and printing<ol style="list-style-type: none">a. Auto/ Manual/ Long recording modesb. Printing speed: 5, 12.5, 25, 50, 100 mm/secc. Can print on standard paper r and A4 size thermal paper (215mm x 297mm)4. Must have a gain of 2.5, 5, 10, 20mm/mV and auto5. Must have a signal quality control of:<ol style="list-style-type: none">a. Pacemaker detectionb. Lead fault detection6. Must have the following filters:<ol style="list-style-type: none">a. Automatic (50/60Hz)b. Muscle filter: 25-35Hzc. Baseline drift: 0.05, 0.1, 0.2 Hzd. Low pass filter (off, 40Hz, 100Hz, 150Hz)7. Must have patient data which includes the following: Name, Age, Gender, Date, Time8. Must have an internal storage for 150-200 ECGs9. Must have a standard set of accessories:<ol style="list-style-type: none">a. Patient cable (1 set)b. Limb electrodes (1 set)c. Chest electrodes (1 set)d. ECG chart paper (1 set)e. Power cordf. Operator's manual10. Must have a power supply input: 100-240 V, AC11. With Lithium battery and a battery life of at least 4 hours and battery recharge to full capacity at least 3 hours		
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<p>12. Must weight 3- 4. kg</p> <p>11. PORTABLE DEFIBRILLATOR WITH MONITOR FOR PRE-HOSPITAL USE</p> <p>Specifications:</p> <ol style="list-style-type: none"> 1. Must not be more than 7 kg in weight with battery and paper 2. With monitor display, with input for 3 lead, paddles or multifunctional electrode 3. Display information should include at least the following heart rate, leads/pads, alarm on/off, selected energy, delivered energy, SPO2, NIBP, etCO2, user prompts and warnings, pacer functions, code markers, and CPR dashboard 3. With SpO2 monitoring, NIBP monitoring, etCO2 monitoring 4. Leads must be fully defibrillator protected 5. With display for standard marker of pacer on ECG trace 6. With digital heart rate display of 0-300 bpm 7. Rectilinear biphasic defibrillator, charge time of less than 10 seconds. 8. With synchronized cardioversion mode 9. With energy selection range of 1-200 joules 10. With thermal strip recorder and printer 11. With rechargeable lithium ion battery with indicator for battery state; with charging to 100% in at least 5 hours 12. Operating time of at least 3 hours of continuous monitoring and pacing 13. Has integral AC or DC system 14. With CPR feedback technology 15. With included cloud-based data case analysis and review; can acquire patient report in PDF file that can be stored at least 3 years 		
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	LOT 7B-PULSE OXIMETER FOR ZOLL DEFIBRILLATOR	
12	<p>PULSE OXIMETER FOR ZOLL DEFIBRILLATOR, Specifications: 1. Saturation range 1-100% with a resolution of 1 % 2. Pulse rate range 25-240ppm with resolution of 1 ppm 3. Saturation accuracy on non motion +2% on adults, pedia +3% 4. Pulse rate accuracy non motion conditions +3ppm during motion +5ppm 5. Compatible with M2 and R-series defibrillator models</p>	
	LOT 8-PORTABLE SUCTION MACHINE	
13	<p>PORTABLE SUCTION MACHINE, RECHARGEABLE, Specifications: 1. Must be portable for medical and surgical use 2. Must be able to generate a vacuum of at least 0.75 bar (570mmHg) 3. Minimum open tube flow rate at least 1 liter liquid per minute 4. Single or twin suction bottles, minimum size 1 liter each; with lid cover stopper, antibacterial filter. 5. Bottle(s) to have an automatic cut off when full to prevent ingress of fluid to pump 6. Filter and overflow valve incorporated to prevent cross-contamination 7. Any necessary greasing / oiling to be simple, accessible, and possible by normal clinical operator 8. Must be portable and easy carry by hand, with shock case and over flow valve 9. Must be complete with suction regulator vacuum gauge 10. With AC power cord</p>	

	11. Unit surface is to be hard and corrosion resistant. Supplied mounted on robust board with carrying handle		
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I hereby commit to comply with all the above technical specifications and provisions in the Terms of Reference and/or Bid Bulletin, if any.

Name and Signature of Bidder / Authorized Representative

REVISED ITEMS TO BE BID

ITEM NO	QTY	UOM	APPROVED UNIT PRICE (PHP)	APPROVED BUDGET FOR THE CONTRACT (PHP)	DESCRIPTION
					LOT 1-ULTRASOUND MACHINE
1	1	pc	4,000,000.00	4,000,000.00	PORTABLE BEDSIDE ULTRASOUND
					LOT 2-INFUSION PUMP
2	5	unit	70,000.00	350,000.00	INFUSION PUMP
					LOT 3A-EMERGENCY DEPARTMENT EQUIPMENT
3	9	unit	300,000.00	2,700,000.00	Stretcher (FOR EMERGENCY DEPARTMENT USE)
					LOT 3B-EMERGENCY DEPARTMENT EQUIPMENT
4	1	unit	143,000.00	143,000.00	EMERGENCY CART
5	10	unit	17,800.00	178,000.00	STAINLESS WHEELCHAIR
					LOT 4-PULSE OXIMETER
6	3	unit	75,000.00	225,000.00	TABLETOP PULSE OXIMETER WITH FINGER PROBE AND CABLE
7	10	unit	20,500.00	205,000.00	PULSE OXIMETER WITH FINGER PROBE AND CABLE
					LOT 5-MECHANICAL VENTILATOR
8	2	unit	1,152,000.00	2,304,000.00	TRANSPORT MECHANICAL VENTILATOR
					LOT 6-HIGH FLOW NASAL CANNULA MACHINE
9	3	unit	778,000.00	2,334,000.00	HIGH FLOW NASAL CANNULA MACHINE
					LOT 7A-ELECTROCARDIOGRAPHY AND DEFIBRILLATOR
10	4	unit	270,000.00	1,080,000.00	12 LEAD ELECTROCARDIOGRAPHY WITH TROLLEY
11	1	unit	1,538,400.00	1,538,400.00	PORTABLE DEFIBRILLATOR WITH MONITOR FOR PRE-HOSPITAL USE
					LOT 7B-PULSE OXIMETER FOR ZOLL DEFIBRILLATOR
12	6	unit	48,000.00	288,000.00	PULSE OXIMETER FOR ZOLL DEFIBRILLATOR
					LOT 8-PORTABLE SUCTION MACHINE

13	5 unit	55,000.00	275,000.00	PORTABLE SUCTION MACHINE, RECHARGEABLE
		TOTAL	15,620,400.00	

Note: The prices per item in the total bid offer (regardless if the project is considered as one contract or several lots) must not exceed the approved unit price per item.

REVISED TERMS OF REFERENCE FOR VARIOUS MEDICAL EQUIPMENT

1. Must provide certificate of exclusivity once winning supplier is Exclusive Distributor.
2. Must provide compliance document of ISO 13485 for the following medical devices:
 - a. Lot 1: Ultrasound Machine
 - b. Lot 2: Infusion Pump
 - c. Lot 4: Pulse Oximeter
 - d. Lot 5: Mechanical Ventilator
 - e. Lot 6: High Flow Nasal Cannula Machine
 - f. Lot 7-A: Electrocardiography and Defibrillator Machine
 - g. Lot 7-B: Pulse Oximeter for Zoll defibrillator
 - h. Lot 8: Portable Suction Machine
3. Must have available Trained Service Specialist employed in company.
4. Must provide Certificate of parts availability for at least five (5) years.
5. Must provide warranty of parts and labor for two at least (2) years.
6. Must provide Preventive Maintenance System (PMS) for at least two (2) years for the following:
 - a. Lot 1: Ultrasound Machine
 - b. Lot 2: Infusion Pump
 - c. Lot 4: Pulse Oximeter
 - d. Lot 5: Mechanical Ventilator
 - e. Lot 6: High Flow Nasal Cannula Machine
 - f. Lot 7: Electrocardiography and Defibrillator Machine
 - g. Lot 8: Portable Suction Machine
7. Must provide Three (3) certificate of good performance for the following equipment:
 - a. Lot 1: Ultrasound Machine
 - b. Lot 2: Infusion Pump
 - c. Lot 4: Pulse Oximeter
 - d. Lot 5: Mechanical Ventilator
 - e. Lot 6: High Flow Cannula Machine.
 - f. Lot 7: Electrocardiography and Defibrillator Machine
 - g. Lot 8: Portable Suction Machine
8. Single Largest Completed Contract (SLCC) should be submitted.

ADDITIONAL REQUIREMENT FOR POST-QUALIFICATION:

1. Demo on-site.