



**REQUEST FOR QUOTATION**

The Civil Aviation Authority of the Philippines (CAAP-Main Office), through its Canvass and Contract Committee (CCC), will undertake a **Small Value Procurement** for the "Supply and delivery of ECG Machine" in accordance with Section 53.9 of the Implementing Rules and Regulations of Republic Act No. 9184.

RFQ No. : **C23-051-08**  
Name of Project : **Supply and delivery of ECG Machine**  
Approved Budget for  
for Contract : **P 500,000.00**  
Terms : See the attached Annex "A" for Terms of Reference and  
corresponding Specifications  
Location : Procurement Division, CAAP, MIA Road, Pasay City  
Delivery Term : **One (1) month** from the receipt of Notice  
For Compliance / Partial delivery is **not allowed**  
Delivery Location : **CAAP Head Office (OFSAM Department)**  
Delivery Time : 8:00 AM – 4:00 PM (working days)

Interested suppliers are required to submit their valid and current documents which must be properly fastened and sealed in an envelope:

1. 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;
2. Income Business Tax Return for ABC's above P500,000.00;
3. PHILGEPS Certificate of Registration;
4. Tax Clearance;
5. Notarize Omnibus Sworn Statement (GPPB prescribed Form) for ABC's above P50,000.00; (Authorized representative must attach Special Power of Attorney (SPA) for Sole Proprietorship Certificate for Corporation)
6. Price quotation from (Annex "A") during submission of offer/Quotation and,
7. Brochure if applicable

The winning supplier shall – upon claiming of the Contract – present the original copy of the documents listed above for comparison, or submit a **Certified True Copy** of the original document which must be certified by the issuing government agency. However, the **original copy** of the Omnibus Sworn Statement, Price Quotation Form, and Brochure **must be included in the sealed bid**.

Price quotation/s must be valid for a period of one hundred twenty (120) calendar days from the date of submission.

Quotations exceeding the Approved Budget for the Contract shall be rejected.

Award of contract shall be made to the lowest quotation, which complies with the minimum description as stated above and other terms and conditions stated in the price quotation form. In case two or more bidders are determined to have submitted the Lowest Calculated/Lowest Calculated and Responsive Quotation, CAAP-CCC shall adopt and employ "draw lots" as the tie breaking method to finally determine the single winning provider in accordance with GPPB Circular 06-2005.

The CAAP-TIAC shall have the right to inspect and/or test the goods to confirm their conformity to the technical specifications.

Any interlineations, erasures or overwriting shall be valid only if they are signed or initialed by the bidder or his/her duly authorized representative/s.

Liquidated damages equivalent to one tenth of one percent (0.1%) of the value of the goods not delivered within the prescribed delivery period shall be imposed per day of delay. CAAP shall rescind the contract once the cumulative amount of liquidated damaged reaches ten percent (10%) of the amount of the contract, without prejudice to other courses of action and remedies open to it.

**ATTY. JOHN BEAU B. MASIGLAT**  
CCC-Chairperson



### PRICE QUOTATION FORM

Date: \_\_\_\_\_

The Chairperson  
Canvass and Contract Committee  
Procurement Division, CAAP,  
MIA Road, Pasay City

Sir:

After having carefully read and accepted the terms and conditions in the Request for Quotation, hereunder is our quotation/s for the item/s as follows:

Supply and delivery of ECG Machine				
Technical Specifications / Requirements	QTY	Unit	Unit Price	Total Price
<p><b>ECG Machine</b></p> <ul style="list-style-type: none"> <li>• Multi-channel printing format</li> <li>• Display; 5.7" colour touch-screen display</li> <li>• Resolution: 640 x 480 px</li> <li>• Lead Attachment Indicator</li> <li>• Weight: 3.2 kg</li> <li>• Patient data base (250 + ECG records)</li> </ul> <p><b>Mode and Printing</b></p> <ul style="list-style-type: none"> <li>• Auto/Manual/Long recording modes</li> <li>• Unlimited user-defined profile for specific recording options</li> <li>• Diagnostic: Averaging, Analysis, Text Interpretation</li> <li>• Print on standard paper of 112mm thermal paper and A4 size bond paper</li> <li>• Printer resolution; Y-axis 200 dpi, X-axis 500 dpi</li> </ul> <p><b>Filters</b></p> <ul style="list-style-type: none"> <li>• Automatic: adaptive auto</li> <li>• Mains Filter: 50/60hz</li> <li>• Muscular Filter: 25,35</li> <li>• Base-line Filter: 3.2;1.5;0.6;0.3;0.1; splines</li> </ul> <p><b>PC Communication</b></p> <ul style="list-style-type: none"> <li>• Cardiology software capable of Resting ECG, Holder Stress Test, ABPM and Spirometry modalities WiFi or LAN interface Seattle Criteria compliant for Sudden Cardiac Death</li> <li>• Screening Module</li> <li>• Report and File format: A4 paper, PDF, MEWZIP file</li> </ul> <p><b>Technical Parameters</b></p> <ul style="list-style-type: none"> <li>• Pacemaker detection: Yes, 100 us/ Dedicated circuit with 40000 Hz detection function</li> <li>• Sampling Frequency Range for +10%/ -30%: 0.05 Hz – 170 for + 10%/ -10%: 0.67 Hz -170</li> <li>• Amplitude accuracy : +2%</li> <li>• Time accuracy: +2%</li> <li>• Digital resolution: 3.9 uV</li> <li>• Input noise: &lt;8 uV</li> <li>• A/D converter: 13 bit</li> <li>• Dynamic range: +15.9 mV</li> <li>• Polarization range: +400 mV</li> <li>• Applied Part: Type CF</li> </ul>	1	set		



<p><b>Battery</b></p> <ul style="list-style-type: none"> <li>• Battery: Lithium Battery CR2032</li> <li>• Lead Accumulator: 1x 12 V/1.2 Ah, 48x97x52 mm, maintenance-free Accumulator capacity: signal monitoring: up to 90 minutes</li> </ul> <p><b>Power Supply</b></p> <ul style="list-style-type: none"> <li>• Mains Voltage: - 99 V to 126 V (115 V normal), AC, -198 V to 252 V (230 V nominal), AC covering grade: IP20</li> </ul> <p><b>Inclusive of</b></p> <ul style="list-style-type: none"> <li>• Training for Medical Equipment Technician</li> <li>• Installation and set-up</li> <li>• Brochures and Technical Data Sheet</li> <li>• External Hard Drive Auto Backup</li> <li>• Desktop Computer with Printer</li> <li>• 1 set Limb and Chest electrodes</li> <li>• 1 pc Patient Cable</li> <li>• 1 pc Power Cord</li> <li>• 1 pc Imported ECG Trolley</li> <li>• 50 rolls Thermal Paper</li> <li>• 5 gal. Lubricating Gel</li> </ul>				
<b>Total (Inclusive of VAT)</b>				
<p><b>Warranty:</b>                  2 years on parts &amp; services including quarterly preventive maintenance from acceptance of the equipment</p>				

(Amount in Words) \_\_\_\_\_

The above-quoted prices are inclusive of all costs and applicable taxes.

Very truly yours,

\_\_\_\_\_  
 Name/Signature of Representative

\_\_\_\_\_  
 Position

\_\_\_\_\_  
 Name of Company

\_\_\_\_\_  
 Contact No.

\_\_\_\_\_  
 Email Address



### TERMS OF REFERENCE

Name of Project	:	Supply and delivery of ECG Machine
Approved Budget	:	Php 500,000.00
Delivery Period	:	One (1) month from the receipt of Notice for Compliance. <i>Note: Partial delivery is not allowed</i>
Delivery Location	:	CAAP Head Office (OFSAM Department)  <i>Notes:</i> 1. Delivery must be made only from 8:00am to 4:00pm during regular working days.  2. A written notice must be sent to the official email address of the Procurement Division, and Supply Division copy furnished the OFSAM Department at least Seven (7) working days prior to the intended delivery date.  A confirmation of availability of concerned office must be received by the supplier before proceeding with the delivery. None compliance may be ground for refusal of entry to the premises and receipt of delivery with no fault on the part of the Civil Aviation of the Philippines.
Terms of Payment	:	Payment upon full delivery and subject to usual accounting and auditing requirements, regulations and processes.
Technical Specifications	1 set	<b>ECG Machine</b> <ul style="list-style-type: none"> <li>• Multi-channel printing format</li> <li>• Display; 5.7" colour touch-screen display</li> <li>• Resolution: 640 x 480 px</li> <li>• Lead attachment indicator</li> <li>• Weight:3.2 kg</li> <li>• Patient data base (250+ECG records)</li> </ul> <b>Mode and Printing</b> <ul style="list-style-type: none"> <li>• Auto/Manual/Long recording modes</li> <li>• Unlimited user-defined profile for specific recording options</li> <li>• Diagnostic: Averaging, Analysis, Text Interpretation</li> <li>• Print on standard paper of 112mm thermal paper and A4 size bond paper</li> <li>• Printer resolution; Y-axis 200 dpi, X-axis 500 dpi</li> </ul>

**Filters**

- Automatic: adaptive auto
- Mains Filter: 50/60hz
- Muscular Filter: 25, 35
- Base-line Filter: 3.2; 1.5; 0.6; 0.3; 0.1; splines

**PC Communication**

- Cardiology software capable of Resting ECG, Holder, Stress Test, ABPM and Spirometry modalities WiFi or LAN interface Seattle Criteria compliant for Sudden Cardiac Death
- Screening Module\
- Report and File format: A4 paper, PDF, MEWZIP file

**Technical Parameters**

- Pacemaker detection: Yes, 100 us/ Dedicated circuit with 40000 Hz detection function
- Sampling Frequency Range for + 10%/ -30%: 0.05 Hz - 170 for + 10%/ -10%: 0.67 Hz – 170
- Amplitude accuracy : + 2%
- Time accuracy: + 2%
- Digital resolution : 3.9 uV
- Input noise: < 8 uV
- A/D converter: 13 bit
- Dynamic range: + 15.9 mV
- Polarization range: + 400 mV
- Applied Part: Type CF

**Battery**

- Battery: lithium battery CR2032
- Lead accumulator: 1x 12 V/1.2 Ah, 48x97x52 mm, maintenance-free Accumulator capacity: signal monitoring: up to 90 minutes

**Power Supply**

- Mains Voltage: - 99 V to 126 V (115 V normal), AC, -198 V to 252 V (230 V nominal), AC covering grade: IP20

**Inclusive of**

- Training for Medical Equipment Technician
- Installation and set- up
- Brochures and Technical Data Sheet
- External Hard drive Auto backup
- Desktop computer with Printer
- 1 set Limb and Chest electrodes
- 1 pc. Patient Cable
- 1 pc. Power Cord
- 1 pc. Imported ECG Trolley

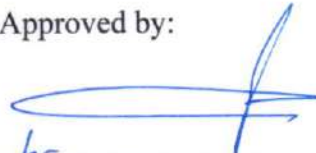
	<ul style="list-style-type: none"> <li>• 50 rolls Thermal Paper</li> <li>• 5 gal. Lubricating Gel</li> </ul>
Warranty	2 years on parts & services including quarterly preventive maintenance from acceptance of the equipment.

Prepared by:



**MA. CECILIA K. PAGKALIWANGAN**  
 Medical Equipment Technician II

Approved by:



**ROLLY T. BAYABAN, MD.**  
 Chief, OFSAM

Name of Project	:	Replacement of Control Board of Treadmill Machine
-----------------	---	---