



Republic of the Philippines  
**PROVINCE OF BENGUET**  
 La Trinidad



**BIDS AND AWARDS COMMITTEE (BeCH)**  
**(DRUGS AND MEDICINES / MEDICAL SUPPLIES )**

Bid Solicitation No.: SVP - 2022-0031  
 Purchase Request No.: 2022-02-0375

February 17, 2022  
 Date

**MEMORANDUM TO:**

Mr./Ms.: SALINIA L. CARBONEL  
 (Canvasser)

Kindly provide appropriate dealers/ establishments copy of the attached request for quotation and/or solicitation to Bid for the Purchase of 1 UNIT Electrocardiograph(ECG) machine with an ABC of 200,000.00 to be used by IDH Their quotation /Bids shall be opened on March 2, 2022

NAME OF ESTABLISHMENT	ADDRESS	RECEIVED		
		Name	Signature	Date
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				

  
**ATTY. BRIAN J. CRISPIN**  
 Chairperson

**CERTIFICATION**

The undersigned, hereby jointly and severally certify to have given each of the above dealers / establishments a copy of the solicitation / bid papers and that no one, only those indicated above, failed to submit their quotations before the time of opening the same.

CANVASSER/S:

**SALINIA L. CARBONEL**  
*Signature over printed name/s*



Republic of the Philippines  
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**BIDS AND AWARDS COMMITTEE (BEGH)**  
**(DRUGS AND MEDICINES / MEDICAL SUPPLIES)**



Purchase Request Number: **2022-02-0375**  
 Name of the Project: **Purchase of 1 UNIT Electrocardiograph(ECG) machine**  
 Location of the Project: **ITOGON DISTRICT HOSPITAL**

Date: **February 17, 2022**  
 Quotation No.: **SVP - 2022-0031**  
 CAFOA No.: **100220100967**

## REQUEST FOR QUOTATION

Sir/Madam:

Kindly indicate your price quotation/s for the item/s listed below taking into consideration the specifications; submit this document duly signed by you or your authorized representative, to this office not late **9:00 AM** on **WEDNESDAY** **March 2, 2022** at the **BAC HEALTH, 1st Floor, Benguet General Hospital, La Trinidad, Benguet.**

Indicate also the shortest delivery period should you opt to. You may fax your quotations through Telefax No. 074-422-55-06 or thru e-mail at [begh.bac@benguet.gov.ph](mailto:begh.bac@benguet.gov.ph)

We may purchase the item/s from your company if the found to be reasonable and advantageous to the Benguet General Hospital, but we reserve the right to accept or reject the offer or all quotations not found in order.

Thank you very much.

  
**ATTY. BRIAN J. CHAYRIN**  
 Chairperson

**INSTRUCTIONS:**

**"PLEASE SEAL YOUR QUOTATIONS"**

1. All entries must be Typewritten or handwritten ( Please write legible and no use of pencil ).
2. Delivery period within **14** ( supplies, drugs and medicines, etc. ) / **45** ( Equipment ) Calendar Days.
3. Warranty shall be for a period of **three (3) months** for supplies and materials and **one (1) year** for equipment reckoned from the date of acceptance by procuring entity.
4. Price validity shall be for a period of **120 calendar days.**
5. Photocopy ( Stamp **"CERTIFIED TRUE COPY OF THE ORIGINAL" with name and signature**) of the following requirements to be submitted after opening and upon notification from the BAC.
  - a. Mayor's/ Business Permit.
  - b. PhilGEPS Registration No.
  - c. Submit original copy of complete (paragraph 1 to 10) Omnibus Sworn Statement ( in addition to requirements a and b if the awarded item/s is above Php 50,000.00 ).
  - d. Income / Business Tax Return ( in addition to requirements a, b, and c if the awarded item/s is above Php 500,000 ).
  - e. Valid and current Certificate of Product Registration (CPR) issued by FDA of the DOH: if applicable
  - f. Brochure for Medical equipment: if applicable
  - g. Material Data Safety Sheet for Laboratories, Reagennts: if applicable
6. The procuring entity reserves the right to waive any defects in the tender or offer as the right to accept the bid most advantageous to the provincial
7. **ALL ERASURES SHOULD BE COUNTERSIGNED.**

Item No.	QTY	UNIT of ISSUE	ABC	ITEM & DESCRIPTION (SPECIFICATIONS)	BRAND/ OFFER/ COMPLIANCE TO SPECIFICATIONS	UNIT PRICE	PRICE VALIDITY	DELIVERY PERIOD	TOTAL AMOUNT
			UNIT PRICE						
1	1	Unit	200,000.00	<b>ELECTROCARDIOGRAPH(ECG) MACHINE</b>					
				*please see attached for specifications					
				*Inclusive of Delivery on-site, product demonstration and training of end-user.					
<b>ITOGON DISTRICT HOSPITAL</b>									

**PURPOSE:** For IDH use to Emergency Room Patients. **200,000.00**

**CANVASSERS:**

**CERTIFICATION**

I hereby certify that I have personally conducted this canvass and that the price/s quoted is/are true and correct and the signature of the Representative of the establishment who submitted the quotation/s is/are genuine.

After having carefully read and accepted your terms and conditions, I hereby submit the above quotations for your appropriate action.

\_\_\_\_\_  
 (Name of Establishment per O.R. & address)

\_\_\_\_\_  
 (Signature over Printed Name of Owner/Representative)

\_\_\_\_\_  
 (Telephone/Cellphone Number or e-mail address)

\_\_\_\_\_  
 Date

**SALINIA L. CARBONEL**

**PRINTED NAME & SIGNATURE OF AUTHORIZED CANVASSER**

## Physical

Height:	56 mm
Width:	260 mm
Depth:	194 mm
Weight:	1.2 Kg including battery, internal AC power supply

## Processing

ECG analysis sampling rate:	500 samples/ second (sps)
Digital sampling rate:	1000 samples/ second/ channel
Acquisition mode:	Pre-acquisition or post-acquisition, provide 10 seconds of instantaneous ECG acquisition
Dynamic range:	AC Differential $\pm 10$ mV, DC offset $\pm 600$ mV
Resolution:	1 $\mu$ V/LSB @ 500 sps
Frequency response:	-3 dB @ 0.05 Hz to 150 Hz
Baseline drift filter:	0.05 Hz, Baseline Drift Removal(BDR)
High cut-off frequency:	20 Hz, 35 Hz, 150 Hz
AC filter:	50/60 Hz $\pm 0.3$ Hz
Common mode rejection:	$\geq 110$ dB (with AC filter switched off)
ADC:	24 bit
input Impedance:	$\geq 50$ M $\Omega$ @ 10 Hz, defibrillator protected
Patient leakage:	<10 $\mu$ A
Heart rate meter:	30 to 300 BPM $\pm 10\%$ or $\pm 5$ BPM, whichever is greater
Startup time:	$\leq 5$ second
Sensitivity/gain:	5, 10, 20 mm/mV, Auto

## Display

Color:	24 bit Color display
Display type:	5 inch diagonal, 16:9 aspect ratio, TFT LCD with LED graphics backlit
Display resolution:	800 * 480
Display data:	Patient ID, gender, age, heart rate, clock, battery power indicator, waveforms, lead labels, speed, gain, filter settings, warning messages, information messages, network status and USB

## Power

Power supply:	AC input (without external power adaptor) or battery operation
AC Power	
Input voltage:	100 to 240 VAC $\pm 10\%$
Input power:	60 VA
AC frequency:	50/60 Hz $\pm 3$ Hz
Battery	
Battery type:	rechargeable Lithium ion battery
Battery capacity:	11.1 V typical, 2500 mAh 6 hours of continuous operation without recording or 500 ECGs in 2.5 x 4 format at 25 mm/s and 10 mm/mV
Battery charge time:	3.5 hours with power off

## Writer

Writer technology:	Thermal dot array
Writer Width:	80 mm
Writer speed:	5, 12.5, 25, 50 mm/s
Number of traces:	3 leads + 1 rhythm or 3 leads; user selectable
Writer speed accuracy:	$\pm 5\%$
Writer amplitude accuracy:	$\pm 5\%$
Writer resolution:	Horizontal 32 dots/mm @ 25 mm/s, Vertical 8 dots/mm
Paper type:	Thermal roll paper (20 m) & Z-fold paper (80 mm width, 200 sheets/pack)

## Software

Measurement and interpretation:	Supports measurement and interpretation with the University of Glasgow ECG analysis algorithm
Resting ECG mode:	Records and prints 12-lead resting ECG with 10-second duration as a standard feature
Supported patient information:	Patient ID, secondary ID, age, date of birth, gender, race, medication, class and V3 electrode Placement
Internal storage:	800 ECGs in internal memory
ECG Storage format:	PDF format and Mindray storage format
Multi-language support:	Supports 13 languages
Report Formats	
Thermal printer report formats:	4 by 2.5 s (Sequential) 4 by 2.5 s Compact 4 by 2.5 s + 1 rhythm lead 4 by 2.5/5/7.5/10 s (Simultaneous) Autorhythm (60 second ECG data for 1 rhythm lead) Continuous 1 or 3 channel manual rhythm
PDF report format:	4 by 2.5 s + 1 rhythm lead (A4/letter format) 2 by 5 s 2 by 5 s + 1 rhythm lead 1 by 10 s

## Accessories

ECG patient cable with banana plugs, Limb Clamps, Chest Bulbs (IEC/AHA)	
ECG cable with Electrode clips (IEC/AHA)	
Country-specific power cords	
Z-fold and Roll paper	
Environmental Specification	
Temperature	
Operating:	0 °C to 40 °C
Transport/storage:	-20 °C to 60 °C
Humidity	
Operating:	15% to 95% RH non-condensing
Transport/storage:	10% to 95% RH non-condensing
Pressure	
Operating:	57.0 kPa to 107.4 kPa
Transport/storage:	16.0 kPa to 107.4 kPa

