



## **INVITATION TO BID**

The Nueva Ecija University of Science and Technology (NEUST) through its Bids and Awards Committee (BAC), invites entities to bid for the hereunder projects:

**Name of Project: SUPPLY AND DELIVERY OF MEDICAL EQUIPMENT**

Location: Medical and Dental Clinic, NEUST, Gen. Tinio (St.) Cabanatuan City

Approved Budget for the Contract (ABC): Php 2,100,000.00

Contract Duration: 45 Calendar Days

Fund Source: GAA

Bid Documents: Php 5,000.00

Description: 1 Lot - **SUPPLY AND DELIVERY OF MEDICAL EQUIPMENT**

**7 unit - Integrated wrist temperature measurement system – PHP 560,000.00**

- Automatic temperature measurement, the demo video is played continuously for 24 hours
- Accurate temperature measurement
- Support voice linkage, real-time alarm of people with fever
- Real-time snapshot of human face during temperature measurement
- Support no mask reminder
- Support real-time statistics of total number of temperature measurement, normal and abnormal number of people
- Support to export temperature measurement data report
- The APP can receive the alarm of abnormal body temperature, also
- can view the facial snapshot and temperature

**Configuration standards**

- IPC
- NVR
- Monitor
- Temperature measurement module
- Bracket

**Camera**

- Resolution 1920\*1080
- Lens 4.0mm
- Angle of View (H) 86.5°
- WDR 120dB

**Temperature measurement**

- Measuring Range 35°C~42°C
- Error Margin  $\leq 0.3^\circ\text{C}$
- Measuring Distance 1cm~3cm

**Monitor**

- screen size 31.55 inch
- Screen resolution 1920\*1080
- Monitor size (mm) 725.2 (W) x425.8 (H) x49.5 (D)

**Function**

- Alarm Support real-time alarm of abnormal body temperature
- Snapshot Supports real-time snapshot of human face with temperature measurement
- Temperature Display Support real-time temperature display
- People Counting Support the real-time statistics of the number of normal and abnormal body temperature
- Mask Detection Support no mask reminder
- APP Linkage Support APP to receive abnormal temperature alarm
- Export Data Support temperature measurement data report export

## General

- Power DC 48V (Power on the NVR)
- Working Environment 10°C ~ 45°C (50°F to 113°F)

## 7 unit - Walk-Through Temperature Scanner – PHP 1,540,000.00

- Temperature exception detection
- Linkage for audible alarm
- Uncooled sensor, resolution: 160 x 120
- Supports dual-light fusion image
- Supports visible light and thermal imaging frame over lay
- Detection accuracy: metal in the size like a clip (or 1/2 clip) is detectable on the middle of the detector. Goods like Belt buckle can be excluded. Copper, aluminum, and zinc (over 150 g) , controlled knife, and gun are detectable
- Multi-area alarm: Indicates the metal position on the body. Max. 18 areas
- Dome camera: IP66 Walk-through detector: IP53

## Working Temperature

- Speed dome: 5°C to 40°C, <95% RH
- Walk-through detector: -20°C to 85°C, 99%, RH

Power Consumption - <25W

Protection Level

- Dome camera: IP66
- Walk-through detector: IP53

## Thermal Imaging

- Sensor Vanadium oxide uncooled sensor
- Max. Resolution 160 × 120
- Pixel Interval 17 μ m
- Response Waveband 8 to 14 μ m
- Lens (Focal Length) 3mm
- Field Of View 50° × 37.2°
- Min. Focusing Distance 0.3m
- Pseudo Color 15, white heat, black heat, fusion1, rainbow, fusion2, iron oxide red1, iron oxide red2, puce, color1, color2, ice & fire, rain, red heat, green heat, and dark blue

## Visible Light

- Sensor 4 MP 1/2.7" Progressive Scan CMOS
- Resolution 2688 × 1520 @ 25fps
- Min. Illuminance 0.0018 Lux @(F1.6, AGC ON) , 0 Lux with IR
- Focal Length 4mm
- Field Angle 84.0° × 44.8°
- WDR Range 120dB
- IR Distance Max. 15 m

## Temperature Measurement

- Temperature Exception Detection Expert mode: 10 points, 10 frame, 21 rules on each line
- Body Temperature Measurement AI face detection, multi-target detection
- Measurement Range 30 to 45°C
- Temperature Alarm Alarm triggered when the temperature is over the threshold
- Measurement Accuracy
- No black body: ±0.5°C
- With black body: ±0.3°C

## Compression

- Video Compression H.265/H.264/MJPEG
- H265 Main Profile
- H264 Baseline Profile / Main Profile / High Profile
- Video Bit Rate: 32 Kbps to 8Mbps
- Video Standard G.711/G.722.1/G.726/MP2L2/PCM
- Audio Bit Rate: 64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-192Kbps(MP2L2)

**Warranty, Terms and Conditions:**

- 2-years product warranty
- 5 years availability of spare parts

**Bidders must submit the following:**

- Technical specifications details or Technical data indicating the brand name and model of item/s as additional technical requirements
- After sales training at Nueva Ecija University of Science and technology after completion of deliver.

The schedule of the bidding activities are as follows:

Activities	Schedule
1. Advertisement/Receipt of Letter of Intent	April 10, 2021 – April 17, 2021
2. Pre-bid Conference	April 19, 2021 10:00 AM NEUST President’s Office Conference Room, Sumacab Campus, Cabanatuan City
3. Submission of Bids	May 03, 2021 UNTIL - 9:30 AM NEUST President’s Office Conference Room, Sumacab Campus, Cabanatuan City
4. Opening of Bids	May 03, 2021 – 11:30 AM NEUST President’s Office Conference Room, Sumacab Campus, Cabanatuan City
5. Post Qualification	May 04, 2021 - 1:00 PM NEUST President’s Office Conference Room, Sumacab Campus, Cabanatuan City

All particulars to the Eligibility Statement and Screening, Bid Security, Performance Security, Pre-bidding Conference, Evaluation of Bids, Post Qualification and Award of Contract shall be governed by the pertinent provisions of R.A. 9184 and its Implementing Rules and Regulations.

Bidding will be conducted through open competitive bidding procedures using a non-discretionary “pass/fail” criterion as specified in the 2016 Revised Implementing Rules and Regulations (IRR) of Republic Act (RA) 9184, otherwise known as the “Government Procurement Reform Act”.

Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA 5183.

A complete set of Bidding Documents may be acquired by interested Bidders from April 19, 2021 to May 03, 2021 until 9:00 AM upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB.

It may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) and the website of the Procuring Entity, provided that Bidders shall pay the applicable fee for the Bidding Documents not later than the submission of their bids.

Bids must be duly received by the BAC Secretariat at the address below on or before May 03 2021, 9:30 AM. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in the PBD. Late bids shall not be accepted.

Bid opening shall be on May 03, 2021 at 11:30 AM at NEUST Conference Room, Sumacab Campus, Cabanatuan City. Bids will be opened in the presence of the bidders' representatives who choose to attend.

The Nueva Ecija University of Science and Technology reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Section 41 of RA 9184 and its IRR, without thereby incurring any liability to the affected bidder or bidders.

For more information concerning this bidding, please contact the following:

MS. MICHELLE A. SUPEÑA  
Bids and Awards Committee Secretariat  
NEUST Gen. Tinio St., Cabanatuan City  
Telephone No. (044) 463-0226  
Email Address: neustmain@yahoo.com

Approved by:

**DR. HONORATO P. PANAHO**  
BAC Chairperson