



## 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 AND DENTAL EQUIPMENT

Location: NEUST All Campuses

Approved Budget for the Contract (ABC): Php 8,032,826.00

Contract Duration: 60 Calendar Days

Fund Source: NEP/GAA 2021

Bid Documents: Php10,000.00

Description: 1 LOT - SUPPLY AND DELIVERY OF MEDICAL AND DENTAL EQUIPMENT

QTY	UNIT	DESCRIPTION
10	unit	<b>EVACUATION STAIR CHAIR</b> - EMS Emergency 4 Wheels Ambulance Firefighter Evacuation Medical Transport Chair with Patient Restraint Straps, 350 lbs Capacity
7	unit	UltraSonic DRY FOGGER, Specification: Capacity 16 liters, 80w, 1-2 liters/hour, bottom wheel for easy movement, quiet sanitizing fog that can get to unreachable area with 15 litter non-toxic disinfectant solution
7	unit	Hepa Filter for area of 15 sqm
1	unit	Dental Xray Machine floor standing type Tube voltage: 60KV±10% Tube current: 8mA±20% Exposal time: 0.2~4.0s Input power: < 600VA Output power: P≈339VA Irradiation diameter: 52mm Fuse: RF1-20- 5A Capacity: 60KV. 8mA. The way of operation: breake load; continuous operation The weigh of x-ray source: 7.5Kg The variation rate of high-voltage generator 1: 226 X-ray area: 3.14x262(mm2) The time of loading follows R'10 up-down range of X-ray head: ≥400mm Forward-back range of X-ray head: 700mm Level turning angle of head: 360° Rounding angle of head: 270°
1	unit	Portable Xray Machine
7	unit	Integrated wrist temperature measurement system  Fever Screening all-in-one system which integrates UNV face recognition technology and non-contact temperature detection technology. It has the function of rapid temperature screening in airports, passenger transport stations, government buildings, financial institutions, hospitals, shopping malls, and other places with

		<p>large staff turnover to effectively avoid cross-infection.</p> <p>Non-contact detection of wrist temperature</p> <ul style="list-style-type: none"> <li>- Face recognition (optional)</li> <li>- Real time display of temperature</li> <li>- Warning if abnormal body temperature is detected</li> <li>- Measurement range is between 30°C to 45°C</li> <li>- Measurement accuracy up to <math>\pm 0.5^{\circ}\text{C}</math></li> <li>- Voice alert when high temperature/fever detected</li> <li>- Optional snapshot during temperature measurement</li> <li>- Optional reminder if it detects someone is not wearing a mask</li> <li>- Statistics showing the number of normal and abnormal temperature measurement as well as the total</li> <li>- Ideal for communal areas, schools, office buildings, hospitals, banks and other crowded places</li> <li>- Kit consists of the IP camera, monitor, NVR, stand, and bracket</li> </ul>
4	unit	<p>Walk-Through Temperature Scanner with metal detector</p> <ul style="list-style-type: none"> <li>• Non-contact temperature measurement: face temperature measurement with accurately personnel matching. Temperature accuracy: <math>\pm 0.5^{\circ}\text{C}</math>, detection distance: 0.5 to 1.5 m, target height: 1.45 m to 1.85 m</li> <li>• Temperature filtering: adjustable temperature threshold. An over-threshold temperature will trigger the audible strobe light</li> <li>• Counting display: displays the walk-through people number, metal alarm times, real time temperature, number of people in abnormal temperature</li> <li>• Metal detection: metal likes a clip</li> <li>• Multi-Area alarm: Indicates the metal position on the body. Max. 18 areas</li> <li>• Modularized component: easy transmission and installation</li> <li>• Sensor Vanadium oxide uncooled sensor</li> <li>• Max. Resolution 160x 120</li> <li>• Pixel Interval 17<math>\mu\text{m}</math></li> <li>• Response Waveband 8 to 14<math>\mu\text{m}</math></li> <li>• NETD <math>\leq 40\text{mk}(@25^{\circ}\text{C}, F\#=1.0)</math></li> <li>• Lens (Focal Length) 3mm MRAD 9.44</li> <li>• Field of View 50<math>^{\circ}</math>x37.2<math>^{\circ}</math></li> <li>• Min. Focusing Distance: 0.5m Aperture 1.1</li> <li>• Pseudo Color 15, white heat, black heat, fusion1, rainbow, fusion2, iron oxide red1,</li> </ul>

		<p>iron oxide red2, puce, color1, color2, ice &amp; fire, rain, red heat, green heat, and dark blue</p> <ul style="list-style-type: none"> <li>• Temperature exception detection Expert mode: 10 pints, 10 frame, 21 rules on each line</li> <li>• Body temperature measurement: AI face detection, multi-target detection</li> <li>• Measurement range: 30 to 45°C</li> <li>• 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</li> <li>• Weight Net weight: About 50Kg</li> <li>• Safety strategy User and password authentication, HTTPS encryption, IEEE 802.1x control, IP address filtering</li> <li>• Power supply: 110~240VAC, 50-60Hz</li> <li>• Consumption: &lt;72 W</li> <li>• Operation temperature and humidity Speed dome: 5°C to 40°C, &lt;95% RH Walk-through detector: -20°C to 85°C, 99%, RH</li> <li>• Protective level Dome camera: IP66 Walk-through detector: IP53</li> </ul>
3	unit	Refrigerator 7 cu ft for vaccines
3	unit	<p>Portable ECG Machine</p> <ul style="list-style-type: none"> <li>• Vivid waveform with foldable LCD display Built-in high resolution thermal printer Built-in rechargeable Li-ion battery, AC/DC power supply Well designed membrane keyboard Digital filters, resisting baseline drift, AC and EMG interference Automatic baseline adjustment Auto/Manual work mode Lead-off detection and alarm.</li> <li>• Membrane keypad with great water-proof performance</li> <li>• Complete filters</li> <li>• Built-in single-channel thermal printer</li> <li>• User-friendly Design Foldable LCD screen, vivid waveform display Built-in rechargeable Li-ion battery, AC/DC power supply</li> <li>• Streamlined Workflow Support barcode scanner to simplify patient information input One-button operation Auto/Manual/Rhythm/Off work modes Automatic baseline adjustment Lead-off detection and alarm</li> <li>• Data Management Internal storage up to 500 ECGs and can be enlarged by USB flash disk Data transmission to PC via series port/LAN/USB Report formats: PDF and optional SCP/FDA-XML/DICOM data export PC-based ECG data management software (optional)</li> <li>• Built-in high-resolution thermal printer Grid printing on normal thermal paper 12-lead grid printing on normal A4 paper through external printer</li> </ul>

15	unit	folding bed heavy duty
2	unit	Digital Weighing scale with bmi measurement
7	unit	Mechanical Hospital bed with upholstered heavy duty foam "4 inches thick"
4	unit	Weighing scale with Height measuring stand with aneroid display
5	unit	Collapsible Stretcher
1	unit	Bone Density Scanner: Radiation free and non-invasive, Lighter than a hard covered book, Assesses and monitors osteoporosis Safe, accurate, fast, compact and affordable, Connects to lap and PC to read and track data, Kit Includes: Bone Density Scanner, Software Installation (CD disk & online link), License to register 5 different computers (PCs/Laptops), User Guide (book & PDF) and Carrying Case
1	unit	Portable Cautery Machine
4	unit	General Exam Light with Mobile Stand, One White LED, 20,000 LUX @ 12 in/30 cm, 5,500° K; Touchless Controls; 100-240 V, 50-60 Hz AC, IEC Plug Type-B
3	unit	UV Care multipurpose sterilizer
7	sets	Survival Kit Complete Set ( BELT TRAUMA KIT )
5	pcs	10M Fire Escape Ladder Steel Wire Rope Folding Ladders Aluminum Alloy Emergency Self Rescue Safety Antiskid Survival Tools
5	pcs	Hooligan Tool 36" STANDARD CLAW (Fire Fighting Equipment Hardware)
4	unit	Emergency cart stainless
7	unit	Dressing Trolley
2	pcs	Lead Apron
4	unit	<p>TREADMILL 4.2 HP AC DYNAMIC RESPONSE DRIVE SYSTEM</p> <ul style="list-style-type: none"> <li>• Deck Type: Ultimate hard-wax reversible 1" deck</li> <li>• Belt Type: 2-ply commercial grade</li> <li>• Running Area: 152 x 51 cm / 60" x 20"</li> <li>• Step-on Height: 19 cm / 7.5"</li> <li>• Incline Range: 0-15% (590-kg / 1,300-lb. thrust elevation motor)</li> <li>• Speed Range: 0.8 - 20 km/h / 0.5 - 12 mph</li> <li>• Contact &amp; Telemetric HR: Yes</li> <li>• Ethernet Port: Yes</li> <li>• Power Requirements: 20-amp dedicated circuit required, non-looped grounded</li> <li>• Electrical Receptacle &amp; Plug: NEMA 5-20R 120v</li> <li>• Assembled Dimensions: 215 x 85 x 142 cm / 84.6" x 33.5" x 56"</li> <li>• Max User Weight :182 kg / 400 lbs.</li> <li>• Dot-matrix LED with profile display</li> <li>• Display Feedback:</li> <li>• Speed, Incline, Heart Rate, Time Elapsed, Time Remaining, Time of Day, Total Program Time, Pace, Average Pace, Distance (Miles), Distance (Kilometers), Calories, Calories per Hour, Watts, METs, Workout Profile</li> <li>• User-defined Multi-language Display</li> <li>• Workouts</li> </ul>

		<ul style="list-style-type: none"> <li>• Manual, Rolling Hills, Fat Burn, 5k, Target HR, Gerkin Protocol, Army PFT, Navy PRT, Marine PFT, Air Force PRT, Physical Efficiency Battery (PEB), WFI Protocol</li> <li>• CSAFE Ready- Certified</li> <li>• One-button Start</li> <li>• On-the-fly Program Change</li> <li>• FITCONNEXION™ Ready</li> <li>• USB Port</li> <li>• Pause Function</li> </ul>
9	unit	<p><b>FULL BODY MASSAGE RECLINER ZERO GRAVITY AIR COMPRESSOR LEG MASSAGER</b></p> <ul style="list-style-type: none"> <li>• L-Track Massage: As the roller system massages the neck area, it continues through to the lower back and then proceeds to massage the glutes and upper hamstrings.</li> <li>• Full Body Air massage: There are multiple airbags located throughout the massage chair to offer a full body massage experience. The Commander offers a total of 12 airbags in the massage chair. Airbags are located at the shoulders, arms, lower back, feet, and the calf areas. This compression massage helps to continue increasing blood circulation throughout the body to relieve pain and tension.</li> <li>• Three Steps of Zero Gravity Modes: Inspired by NASA technology, the Zero gravity position is the perfect position to enjoy a massage, aligning your back relative to your thigh at an optimal level of comfort. When reclined into the zero -gravity position, the complete weight of your back is virtually supported by the backrest which maximizes the intensity of the massage.</li> <li>• Built in Bluetooth Speaker: Bluetooth technology that allows the user to listen to their favorite music and phone calls on high quality speakers in the headrest.</li> <li>• 4 Massage Style: The Titan Pro Commander massage chair comes with manual mode so you can pinpoint a desired massage for a specific area on your body. Commander can perform Kneading, Tapping, Tapping and Kneading and Shiatsu. You can either pinpoint a specific spot on your back for the massage or massage by sections of the body.</li> <li>• Remote: Easy view screen displaying the function the chair has activated. On the remote it allows you to select the massage type, intensity, speed, and location. You can also operate the functions independently in the Manual Mode.</li> <li>• Extendable Footrest: Extendable footrest which can be extended up to 6.5 Inches.</li> <li>• Unique Foot rollers: There are spinning reflexology rollers located at the bottom of the footrest providing a soothing kneading massage. When the rollers spin, they will stimulate the acupuncture points.</li> <li>• 5 Auto Massage Program: 5 unique pre-programmed massage functions. Each offering different combination of massage styles and focused area.</li> <li>• Multi Language Settings: There is English, Traditional Chinese, Simplified Chinese and</li> </ul>

		<ul style="list-style-type: none"> <li>Heat on lumbar: 2 heating pads located on the back area, which enhances the effect of the massage.</li> </ul>
2	unit	<p>ELLIPTICAL SUSPENSION</p> <ul style="list-style-type: none"> <li>25.6 cm / 10.1" touchscreen display with FitTouch Technology offers intuitive operation</li> <li>Low 24 cm / 9.5" step-on height for easy accessibility</li> <li>53.3 cm / 21" stride length accommodates all users for a comfortable, efficient, and natural workout</li> <li>Self-powered system provides cost-savings and freedom of placement within facility</li> <li>Removable disk for easy serviceability</li> <li>Ergo Form Grips with integrated controls enhance comfort and accessibility of key functions</li> <li>Contralateral action with tapered, dual action handlebars mimics the body's true movement and proper fit</li> <li>Console: A touchscreen display with an intuitive app interface offers easy operation and vibrant picture quality. A wide range of workout programs, complete workout data feedback, one-button start and on-the-fly program changes streamline use. A USB port offers easy smartphone connection, and a reading rack supports a tablet or book.</li> <li>Constant Rate of Acceleration and our patented suspension design delivers a perpetually smooth motion free of wheels and tracks</li> <li>Optimized app interface designed specifically for fitness</li> <li>Custom interface configuration facilitates personalized communication with users</li> <li>CSAFE Certified</li> <li>FitTouch Technology</li> <li>One-button Start</li> <li>FITCONNECTION Ready</li> <li>WiFi Enabled Optional</li> <li>Bluetooth Enabled</li> <li>Workout Tracking Network Compatible</li> <li>Stride Length 53.3 cm / 21"</li> <li>Contact &amp; Telemetric HR Yes</li> <li>Pedal Spacing 6.4 cm / 2.5"</li> <li>Handlebar Design Multi-position dual action / custom ergo-bend stationary</li> <li>Remote Buttons</li> <li>Pause Function</li> <li>Power Requirements, Self-powered / powered 100v-240v – 50/60Hz AC</li> <li>Minimum Watts 4 powered, 56 self-powered</li> <li>Minimum RPM 10 powered / 25 self-powered</li> </ul>

		<ul style="list-style-type: none"> <li>Assembled Dimensions: 178 x 74 x 174 cm / 70" x 29.2" x 68.5"</li> <li>Max User Weight 182 kg / 400 lbs</li> </ul>
2	unit	<p><b>INDOOR TRAINING CYCLE</b></p> <ul style="list-style-type: none"> <li><b>Magnetic RESISTANCE SYSTEM:</b> Repeatable magnetic resistance, optimized ergonomics, intuitive four-way adjustment with quick-touch operation and device storage to keep training apps, social media or entertainment in view.</li> <li><b>ASSEMBLED DIMENSIONS:</b> 48.2" x 22.2" x 40.5"</li> <li><b>EMERGENCY STOP:</b> Push</li> <li><b>FLYWHEEL:</b> Rear, aluminum, evenly-weighted</li> <li><b>ADJUSTMENT TYPE:</b> Quick-touch levers</li> <li><b>POSTS &amp; SLIDERS:</b> Aluminum, pin-to-lock adjustment</li> <li><b>HANDLEBAR:</b> Ergo-formed, multi-position, soft PVC</li> <li><b>HANDLEBAR ADJUSTMENTS:</b> Vertical &amp; horizontal</li> <li><b>SADDLE:</b> Ergonomically sculpted seat</li> <li><b>SADDLE ADJUSTMENTS:</b> Vertical &amp; horizontal</li> <li><b>WATER BOTTLE HOLDER</b></li> <li>Dual, integrated on handlebar</li> <li><b>OVERALL DIMENSIONS (L X W X H):</b> 122.4 x 56.4 x 102.8 cm / 48.2" x 22.2" x 40.5"</li> <li><b>PRODUCT WEIGHT:</b> 55.2 kg / 121.6 lbs.</li> <li><b>MAX USER WEIGHT:</b> 158.75 kg / 350 lbs</li> <li><b>FRAME MATERIAL:</b> Steel</li> <li><b>SHROUDS &amp; GUARD:</b> Full Frame</li> <li><b>FRAME DESIGN:</b> Off-set</li> <li><b>CRANK TYPE:</b> Forged steel 170 mm / 6.7"</li> <li><b>PEDAL TYPE:</b> Dual-sided SPD &amp; toe cage</li> <li><b>FRAME STABILIZER BARS:</b> Oversized, hidden bolts &amp; fixings</li> <li><b>PROTECTION PLATES</b></li> <li><b>LEVELING FEET</b></li> <li><b>TRANSPORT WHEELS</b></li> </ul>
2	units	<p><b>INDOOR RECUMBENT CYCLE</b></p> <ul style="list-style-type: none"> <li><b>DISPLAY TYPE:</b> Dot-matrix LED with profile display</li> <li><b>DISPLAY FEEDBACK:</b> Time of Day, Time Elapsed, Time Remaining, Total Program Time, Distance (Kilometers or Miles), Calories, Level, Speed, RPM, Heart Rate, METs, Watts, Workout Profile</li> <li><b>USER-DEFINED MULTI-LANGUAGE DISPLAY:</b> English, German, French, Italian, Spanish, Dutch, Portuguese, Japanese, Swedish, Finnish, Turkish, Polish</li> <li><b>RESISTANCE</b> 1-30</li> <li><b>WORKOUTS:</b> Manual, Constant Watts, Fat Burn, Interval Training, Target HR, Fitness Test</li> <li><b>CSAFE CERTIFIED</b></li> <li><b>ONE-BUTTON START</b></li> <li><b>INSTANT ON TECHNOLOGY</b></li> <li><b>ON-THE-FLY PROGRAM CHANGE</b></li> </ul>

		<ul style="list-style-type: none"> <li>• FITCONNEXION™ READY</li> <li>• USB PORT</li> <li>• PAUSE FUNCTION</li> <li>• HANDLEBAR DESIGN: Seat side / Front ergo bend</li> <li>• REMOTE BUTTONS</li> <li>• BOTTLE HOLDERS</li> <li>• RESISTANCE SYSTEM: Brushless generator</li> <li>• CRANK DESIGN: Three piece with forged arms</li> <li>• POWER REQUIREMENTS: Self-powered / powered 100v-240v - 50/60Hz AC</li> <li>• MINIMUM WATTS: 4 powered / 7 self-powered</li> <li>• MINIMUM RPM: 25 powered / 25 self-powered</li> <li>• ASSEMBLED DIMENSIONS: 150.3 x 65.4 x 140 / 59.2" x 25.7" x 55.1"</li> <li>• ASSEMBLED WEIGHT: 87.5 kg / 192.9 lbs.</li> <li>• SHIPPING WEIGHT: 99.7kg / 219 lbs.</li> <li>• MAX USER WEIGHT: 182 kg / 400 lbs.</li> <li>• Consistent Seat Numbering</li> <li>• Top-down Levelers</li> </ul>
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The schedule of the bidding activities are as follows:

Activities	Schedule
1. Advertisement/Receipt of Letter of Intent	November 11-18, 2020
2. Pre-bid Conference	November 19, 2020, 10:00 AM NEUST President's Office Conference Room, Sumacab Campus, Cabanatuan City
3. Submission of Bids	December 1, 2020, UNTIL 5:00 PM NEUST President's Office Conference Room, Sumacab Campus, Cabanatuan City
4. Opening of Bids	December 2, 2020, 1:00 PM NEUST President's Office Conference Room, Sumacab Campus, Cabanatuan City
5. Post Qualification	December 3, 2020, 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 November 5-17, 2020 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 December 1, 2020, 5:00PM. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in the PBD.

Bid opening shall be on December 2, 2020, 9:00AM at NEUST Conference Room, Sumacab Campus, Cabanatuan City. Bids will be opened in the presence of the bidders' representatives who choose to attend at the address below. Late bids shall not be accepted.

The NEUST-BAC will conduct early procurement activities for projects funded by the NEP/GAA in accordance with the guidelines on the implementation of Early Procurement Activities (EPA).

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. SUPENÑA  
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. PANAHON**  
BAC Chairperson