



Bid Notice Abstract

Invitation to Bid (ITB)

Reference Number 11777928
Procuring Entity DEPARTMENT OF TRADE AND INDUSTRY - REGION III
Title Supply and Delivery of SSF Equipment on Fabrication Laboratory for Inclusive Innovation and Entrepreneurship Development (Pampanga State Agricultural University (PSAU))
Area of Delivery Pampanga

Solicitation Number:	BD25-001	Status	Active
Trade Agreement:	Implementing Rules and Regulations	Associated Components	1
Procurement Mode:	Public Bidding	Bid Supplements	0
Classification:	Goods	Document Request List	5
Category:	Industrial Machinery and Equipment	Date Published	19/02/2025
Approved Budget for the Contract:	PHP 18,257,000.00	Last Updated / Time	19/02/2025 00:00 AM
Delivery Period:	60 Day/s	Closing Date / Time	11/03/2025 14:30 PM
Client Agency:			
Contact Person:	Ma. Providencia P Dizon Supply Officer Malikhain corner Maagap St. Diosdado Macapagal Government Center, Maimpis San Fernando City Pampanga Philippines 2000 63-45-8884900 Ext.105 63-45-6259327 providenciadizon@yahoo.com		

Description

1 set Bamboo Stick Line (Complete Set)
 1 unit Bamboo Stick (Multifunctional Packing machine)
 1 unit Shrink Sleeve Labeling Machine
 1 unit Large Format Printer and Cutter
 2 units Desktop Vacuum Forming Machine
 4 units Desktop Plasma FDM 3D Printer
 2 units Open-Source Large Format FDM 3D Printer
 1 unit CO2 Laser Cutter and Engraving Machine
 1 unit 7-Needles Digital Embroidery Machine
 2 units High Speed Sewing Machines
 1 unit CNC Router and Flatbed Cutter (2-in-1)
 1 unit CNC Plasma Cutter
 1 unit Desktop Waterjet Cutter
 1 unit Handheld 3D Scanner with Built-In Interface

Pre-bid Conference

Date	Time	Venue
27/02/2025	9:30:00 AM	The Department of Trade and Industry Region 3 will hold a Pre-Bid Conference on

February 27, 2025, 9:30am PST at DTI
Regional Office 3, Malikhain Street corner
Maagap Street, Diosdado Macapagal
Government Center, Maimpis, City of San
Fernando, Pampanga w

Created by Ma. Providencia P Dizon

Date Created 18/02/2025

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TERMS OF REFERENCE (TOR)

SHARED SERVICE FACILITY ON THE ESTABLISHMENT OF FABRICATION LABORATORY (FABLAB) FOR INCLUSIVE INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT Pampanga State Agricultural University (PSAU) PAC-Brgy. San Agustin, Magalang, Pampanga

I. INTRODUCTION AND BACKGROUND INFORMATION

The Pampanga State Agricultural University (PSAU) traces its roots as an agricultural experiment station known as "Estacion Pecuaría" in 1885. President Aquino signed Republic Act 10605 "an Act converting Pampanga Agricultural College (PAC) into a state university to be known as the PSAU" on June 11, 2013, subject to compliance with the Commission on Higher Education (CHED) requirements for a full university status. On January 13, 2015, CHED officially granted full status as a university through its En Banc Resolution No. 0062015. With this feat, PAC has made a history in the Philippine higher educational system by being the first state college in the country granted a university status on pure merits. It has transformed into one of the powerhouses in agriculture, arts, sciences, technology and engineering. At present, this state agricultural institution is viewed as a university with a heart for HUMANE (HUMANity, Agriculture, Nature and Entrepreneurship) Development.

PSAU continuously undertakes agricultural research, extension-training and entrepreneurship activities aimed at enhancing the quality of higher education and countryside development. Focused on its research and development, the university is continuously producing tamarind, bamboo, organic vegetables, livestock, poultry and water and energy research and development programs. The vibrant conduct of research and development resulted to gaining various local and international awards for the PSAU. The university is known for its agricultural products, such as the sweet tamarind which is the only patented sweet tamarind variety in the country. As such, the PSAU through its Sibul-Technology Business Incubator (TBI) Office will forge potential partnerships among Regional and Provincial Industry Associations (IAs) with the likes of the Sweets and Delicacies Association of Pampanga (SnDAP); Pampanga Furniture Industries Foundation (PFIF); San Fernando Lantern Makers Association (SFLMA); Pampanga Association of Meat Processors (PAMPro); Central Luzon Agriculture, Aquatic and Natural Resources Research and Development Consortium (CLAARDEC); Pampanga Chamber of Commerce and Industry, Inc. PamCham) and the Metro Angeles Chamber of Commerce and Industry, Inc. (MACCI) among others.

The PSAU Fablab offers a significant comparative advantage with its Bamboo Processing capabilities combined with advanced digital fabrication machineries. This combination not only supports innovative projects but also promotes sustainable practices, making the PSAU Fablab Innovation Center be fully engaged with local communities in both technology and eco-friendly solutions that could enhance the MSMEs within the area it operates. The proposed machineries will be able to provide MSMEs create sustainable products that set the projects apart from those using only standard fabrication methods.

II. OBJECTIVES

The proposed PSAU FabLab Innovation Center aims to establish an innovative Research and Development (R&D) facility for design thinking, learning and digital-enabled production workflow. The proposed PSAU FabLab Innovation Center Facility will be an industry magnet for potential R&D collaboration and technology exchanges and training for MSMEs and the aspiring entrepreneurs. The specific objectives of the PSAU FabLab Innovation Center include the following:

1. Capacity enhancement for research and technical education;
2. Training and technology exchanges for the MSMEs, manufacturers and students in digital methods of product design and prototyping;
3. Demonstrate how digital technology can be a source of competitive advantage for MSMEs;
4. To create new products, prototypes and product systems using digital-enabled manufacturing technologies and
5. Establish greater understanding of the Design Thinking Approach to product development.

III. DEFINITION OF TERMS

- The **DEPARTMENT OF TRADE AND INDUSTRY-Pampanga Provincial Office**, a government agency duly organized and existing under the laws of the Republic of the Philippines, with office address at 2/F ABN Plaza Bldg., Del Rosario Road cor. Sindalan, City of San Fernando, Pampanga, hereinafter referred to as “DTI-Pampanga”,
- **SSF** shall refer to a set of machinery, equipment, tools, systems, accessories, and other auxiliary items that may be required for a duly prescribed purpose, to be managed by a COOPERATOR for the common use of qualified beneficiaries;
- “**COOPERATOR**” shall serve as an SSF partner, which maybe a juridical entity, such as but not limited to non-government organizations (NGOs), people’s organizations, cooperatives, industry/trade/business associations, local government units (LGUs), state universities/colleges, technical vocational schools and other similar government academic and training institutions;

IV. SCOPE OF WORK

The work to be performed shall consist of design, configuration, coordination and supervision of all activities for the supply and delivery of equipment of the Shared Service Facility on THE ESTABLISHMENT OF FABRICATION LABORATORY (FABLAB) FOR INCLUSIVE INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT at Pampanga State Agricultural University (PSAU), PAC-Brgy. San Agustin, Magalang, Pampanga including but not limited to:

- Delivery, installation, commissioning of machineries and equipment in the identified sites of end user FOB within sixty (60) days from issuance of Notice to Proceed (NTP) or signed Contract Agreement.
- Supervision of the commissioning and testing of machineries and equipment at supplier’s cost.
- Making use of appropriate packaging to prevent damage or deterioration of machines/equipment during transit to the destination; and
- Supplying manuals, handouts and other peripherals for each equipment and machineries.

V. TERMS AND CONDITIONS

a. OBLIGATIONS OF THE SUPPLIER

The supplier is required to provide all the following services, including additional services, if any, specified in the schedule of requirements:

- Complete SSF tools, machines and equipment fully installed in the identified location of the contract.
- Test-run of machines and equipment conducted/commissioned.
- Training of personnel on machine operation, maintenance and troubleshooting for at least twenty-four (24) hours.
- Furnish detailed operations and maintenance manual for each appropriate unit of the supplied machine and equipment.
- Provide at least one-year warranty for all supplied machine/equipment except for “NAME OF MACHINE/S” wherein two (2) years warranty is required.
- Provide competent and credible trainer(s)/resource persons(s) for the training services at suppliers. Trainer(s) must have used said machines and equipment for at least five (5) years. All other expenses incurred for the said training (e.g. food of both trainer(s) and participants, accommodation, and transportation expenses of trainer(s), etc.) shall be shouldered by the supplier;
- If and when possible, interrelated machines shall be supplied by a single manufacturer or subsidiary partner company.
- In case of machine/equipment breakdown, provide sufficient supply of appropriate parts and local technician for the whole duration of the contract or warranty period; in case of breakdown of equipment within warranty period, replace the defective part with a brand new one. In case the equipment cannot be repaired, the supplier shall replace it with brand-new equipment. All within the warranty period. Repair period should not exceed one hundred eighty (180) days.
- Ensure the availability of after sales services and prompt response of not more than five (5) working days from date of Notice of Need.
- Equipment/machineries shall be painted over, and if possible, riveted engraved metal plate markings with the text “PROPERTY OF THE DEPARTMENT OF TRADE AND INDUSTRY” in two (2) designated areas. Text for painted over markings shall measure at least 1” in height. The dimension of the engraved metal plates shall be at least 2” (H) x 3” (L). Metal property tags/markings of equipment /machineries color shall be DTI blue and off-white.

b. OBLIGATIONS OF DTI

- Initiate procurement of SSF necessary for the setting up of the Project in accordance with the provisions of the Republic Act 9184, otherwise known as the “Government Procurement Reform Act”, and its Implementing Rules and Regulations;
- Inspect the SSF upon delivery by the supplier to ensure that they meet all the specifications as defined in the DTI Purchase Request Form. This shall be done in the presence of the representative of the “COOPERATOR”;
- Turn over the duly inspected SSF to the project site designated by the “COOPERATOR” and have the same received and acknowledged in writing by the “COOPERATOR”.
- Grant the “COOPERATOR” the free use of the SSF during the duration of this MOA, through the execution of a Usufruct Agreement;

- Secure an insurance for a period of two (2) years from date of delivery of the SSF, to cover loss or damage caused by fire, theft, earthquake, lightning, floods, and other Acts of God;
- Conduct periodic inspection and monitoring of the condition of the SSF in order to promptly identify any problem and accordingly come up with the appropriate or needed remedial measures. This shall be reflected in the Manual of Operations to be prepared by “DTI-Pampanga” and the “COOPERATOR”;
- Monitor and evaluate the operations of the SSF project, particularly in terms of production and financial condition thereof. The reports thereon shall be submitted by “DTI-Pampanga” to DTI-Regional Office” for consolidation purposes;
- Provide, when necessary, additional technical support capacitating the “COOPERATOR” to sustainably manage and operate the SSF in accordance with the objectives of the Project;
- Institute any appropriate actions against the COOPERATOR in case of material breach of the provisions hereof or misuse or abuse of approved and released funds, the legal cost therefore shall be borne by the “COOPERATOR”;

c. TIMELINES / DELIVERABLES

i. **Implementation Period:** June 2024 to November 2024

ii. **Deliverables and Timelines**

Delivery, installation, commissioning of machineries and equipment in the identified sites of end user FOB within sixty (60) days from issuance of Notice to Proceed (NTP) or signed Contract Agreement.

d. TECHNICAL SPECIFICATION OF EQUIPMENT/MACHINERIES:

QUANTITY	UNIT	PARTICULARS	GROSS UNIT COST (PhP)	TOTAL UNIT COST (PhP)
1	set	 <p><i>(sample prototype, for visualization purposes only)</i></p> <p>BAMBOO STICK LINE (COMPLETE SET) <i>Bamboo Stick Processing Machine for Chopsticks, BBQ Sticks/Skewers, Toothpicks</i> Package Inclusions: Raw Bamboo Sawer; Bamboo Splitting Machine; Fixed Width slicer; Bamboo Wool Slicer; Precise Cutting Machine; Toothpick/BBQ Stick-Skewer/Chopstick Polishing Machine; Knife Sharpening Machine</p> <p>Overview of its usefulness:</p>	2,430,000.00	2,430,000.00

The bamboo industry has greatly exploited the use of this complete set of bamboo machines. First, these machines have significantly increased the productivity level of bamboo stick processors. With automated processes, bamboo manufacturers can produce bamboo sticks at a much faster rate, thus increasing profit margins. Second, bamboo stick making machines have made the production process more stable and consistent since the products have consistent size and shape. This advantage ensures the quality of the bamboo stick products. In addition, the production process is more sanitary as compared to conventional processes, which often involve the use of chemicals and pollutants.

BAMBOO STICK PROCESSING MACHINE for *CHOPSTICK - This line produces high-quality bamboo chopsticks and incense sticks.

USEFULNESS of CHOPSTICKS:

1. **EATING UTENSILS** - The primary function of chopsticks is, of course, as eating utensils. They allow people to pick up food with proper precision and agility.
2. **LEVELING INGREDIENTS** - When measuring ingredients like flour or sugar, use chopsticks to level off the excess.
3. **STIRRING PAINT** - If you're working on a small craft project or need to mix paint, chopsticks can serve as handy stirrers.

TARGET CLIENTELES OF CHOPSTICKS:

- Restaurants;
- Hotels;
- Households where chopsticks are commonly used for dining.

***BARBECUE (BBQ) STICK/SKEWERS** - This line is used to create skewers from raw bamboo material.

USEFULNESS OF BBQ STICKS/SKEWERS:

1. **GRILLING AND BARBEQUING** - They help keep small or delicate items from falling through the grill grates.
2. **TESTING DONENESS** - When grilling or baking, you can use a skewer to test the doneness of certain foods.
3. **KEBAB** - They allow for even cooking and make it easy to turn the entire kebab at once.

TARGET CLIENTELES OF BBQ STICKS/SKEWERS:

- Catering Services;
- Street Food Vendors;
- Restaurants that serve grilled or skewered food

***TOOTHPICKS** - The commercial toothpick making machine comprises a complete set of bamboo making machines. This line is also known as the toothpick production line or bamboo toothpick processing plant.

USEFULNESS OF TOOTHPICKS:

1. **ORAL HYGIENE** - Toothpicks can help remove food particles stuck between teeth after a meal. However, be gentle to avoid damaging your gums.
2. **CAKE DECORATION** - Toothpicks can serve as mini cake toppers. Attach small flags, paper shapes, or edible decorations to them and insert them into cupcakes or cakes.
3. **STIRRING AND MIXING** - handy for stirring small amounts of liquid or mixing ingredients in a pinch.

TARGET CLIENTELES OF TOOTHPICKS:

- Restaurants;
- Cafes;
- Households.

Specifications:

Item Description: Raw Bamboo Sawyer

Power: 1.5kw

Weight: 58kgs.

Machine Size: 1200*500*1050mm.

	<p>Item Description: Bamboo Splitting Machine Power: 4kw Weight: 650kgs. Machine Size: 3100*700*1250mm.</p> <p>Item Description: Fixed Width Slicer Power:2.2kw Weight:310kgs. Machine Size:1300*650*1030mm.</p> <p>Item Description: Bamboo Wool Slicer Power:3kw Weight:400kgs. Machine Size:1000*650*1080mm.</p> <p>Item Description: Precise Cutting Machine (1) Power: 0.75kw Weight: 80kgs. Machine Size: 1400*660*880mm.</p> <p>Item Description: Precise Cutting Machine (2) Power: 0.37kw Weight: 125kgs. Machine Size: 850*650*900mm.</p> <p>Item Description: Toothpick; BBQ Stick/Skewer; Chopstick Polishing Machine Power:1.5kw Weight:130kgs. Machine Size:1300*1100*1300mm.</p> <p>Item Description: Toothpick; BBQ Stick/Skewer; Chopstick Sharpening Machine Power:0.75kw Weight:210kgs. Machine Size:1050*650*950mm.</p> <p>Item Description: Chopstick; BBQ sticks/skewers; Toothpick Polishing Machine Power:2.2kw Weight:300kgs. Machine Size:2150*1000*850mm.</p> <p>Item Description: Chopstick; BBQ Stick/Skewer; Toothpick Polishing Machine Power:1.1kw Weight:280kgs. Machine Size:1400*800*1000mm.</p> <p>Item Description: Knife Sharpening Machine Power:0.37kw Weight:65kgs. Machine Size:750*500*950mm.</p> <p>Power Requirements: 380V/60HZ, Three-Phase; Production Capacity/Output: ±600,000 pcs. per day</p> <p>Other Inclusions and General Conditions: Supplier's Certificate of authority to sell from the manufacturer or local distributor/reseller; Training certificate provided by manufacturer to certified trainer. After-Sales Support certificate issued by the manufacturer: A dedicated Technical Professional will be assigned to the cooperator as its point-person during and after warranty period; Parts Availability certificate issued by the manufacturer; On-Site Machine Assembly and Installation: Manufacturer-trained technicians will install the machinery and equipment with the utmost skill and care, helping to get the equipment up and running for optimal machine performance;</p>		
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		<p>On-Site Training: With on-site training sessions with certified technician where a training outline is provided; At least twelve (12) months warranty for parts & services from acceptance date and Delivery: Within sixty (60) days upon receipt of Notice to Proceed (NTP).</p>		
1	unit	<div data-bbox="365 302 984 604" data-label="Image"> </div> <p data-bbox="472 604 889 625"><i>(sample prototype, for visualization purposes only)</i></p> <p data-bbox="326 646 1036 751">BAMBOO CHOPSTICKS; BARBECUE (BBQ) STICKS/SKEWERS AND TOOTHPICKS MULTI-FUNCTIONAL PACKAGING MACHINE</p> <p data-bbox="326 793 496 814">USEFULNESS:</p> <ul data-bbox="326 821 1036 1094" style="list-style-type: none"> - INCREASED EFFICIENCY - The machine automates the packing process, reducing manual labor and increasing productivity. - CONSISTENT PACKAGING - It ensures consistent packaging of bamboo chopsticks and toothpicks, reducing the risk of human error and damage. - IMPROVED QUALITY CONTROL - The machine can detect defects and remove defective products, ensuring a higher quality output. - COST EFFECTIVE - By reducing labor costs and improving efficiency, the machine can help reduce production costs. <p data-bbox="326 1150 589 1171">TARGET CLIENTELES:</p> <ol data-bbox="326 1178 1036 1507" style="list-style-type: none"> 1. BAMBOO PRODUCT MANUFACTURERS - Companies that produce bamboo chopsticks, toothpicks, or other bamboo products can benefit from this machine. 2. FOOD SERVICE INDUSTRY - Restaurants, cafes, and food establishments that use bamboo chopsticks and toothpicks can appreciate the convenience and efficiency of the machine. 3. PACKAGING SUPPLIERS - Companies that supply packaging materials to foodservice industries or manufacturers can benefit from the machine's ability to streamline packaging processes. 4. E-COMMERCE BUSINESSES - Online retailers that sell bamboo products, such as cookware or utensils, can use the machine to efficiently pack and ship products to customers. <p data-bbox="326 1514 1036 1591">Forging of initial potential partnerships with Regional Small and Medium Enterprises Development Council (RSMEDC) member institutions and the very strong provincial Industry Associations (IAs)</p> <p data-bbox="326 1619 1036 1703">OVERVIEW ABOUT THE BAMBOO CHOPSTICKS; BBQ STICKS; SKEWERS AND TOOTHPICK MULTI-FUNCTIONAL PACKING MACHINE:</p> <p data-bbox="326 1709 1036 1843">The bamboo chopsticks, bbq sticks/skewers and toothpicks multi-functional packing machine is designed to increase efficiency, consistency, and quality in the packaging of bamboo products, targeting manufacturers, food service industries, packaging suppliers and e-commerce businesses.</p> <p data-bbox="326 1885 488 1906">Specifications:</p>	960,000.00	960,000.00

		<p>Chopstick and toothpick multi-functional packing machine (opp [Oriented Polypropylene] wrapped).</p> <p>This machine can cut the printed opp film draft automatically, pack one pc. of toothpick and chopstick, this machine controlled by Computer Numerical Control (CNC), using computer, motor, and light sensor etc, it is an updated technical design and digital control automatic packing machine. It can pack different kinds of chopsticks (no need to change any spare parts), control chopsticks, toothpick packing automatically, which also can select the damaged production, you can easily see on the touch screen of the packing speed, production lots, quantity and quantity of bad production.</p> <p>Main technical data: Power: 1.85kw, 220v, 60Hz, 1-Phase; Production Capacity/Output: 350-500bags/day.; Size: 1.9*0.5*1.45m; Weight: 600kgs.</p> <p>Other Inclusions and General Conditions: Supplier's Certificate of authority to sell from the manufacturer or local distributor/reseller; Training certificate provided by manufacturer to certified trainer. After-Sales Support certificate issued by the manufacturer: A dedicated Technical Professional will be assigned to the cooperorator as its point-person during and after warranty period; Parts Availability certificate issued by the manufacturer; On-Site Training, Machine Assembly and Installation: Manufacturer-trained technicians will install the machinery and equipment with the utmost skill and care, helping to get the equipment up and running for optimal machine performance; On-Site Training and Installation: With on-site training sessions with certified technician where a training outline is provided; At least twelve (12) months warranty for parts & services from acceptance date and Delivery: Within sixty (60) days upon receipt of Notice to Proceed (NTP).</p>		
1	unit	<div data-bbox="456 1115 846 1440" data-label="Image"> </div> <p data-bbox="472 1493 889 1514"><i>(sample prototype, for visualization purposes only)</i></p> <p data-bbox="326 1549 959 1619">SHRINK SLEEVE LABELING PACKAGING MACHINE</p> <p data-bbox="326 1625 1036 1793">This labeling packaging machine is suitable for labeling the bottle neck or body of round bottles, flat bottles, square bottles, curved bottles, glass bottles, poly vinyl chloride (PVC), polyethylene (PET), polystyrene (PS) cans, cups and other products in food and beverage, medicine, daily chemical and other light industries. It is a multi-functional automatic labeling machine.</p> <p data-bbox="326 1835 496 1856">USEFULNESS:</p> <p data-bbox="326 1862 1036 1913">1. EASY TO APPLY LABELS - The machine applies shrink sleeve labels to products, such as bottles, cans, and jars, with ease.</p>	1,670,000.00	1,670,000.00

2. **CONSISTENT LABELING** - It ensures consistent label application, reducing the risk of human error and ensuring a professional look.
3. **INCREASED PRODUCTION** - The machine can handle high-volume production, making it ideal for large-scale manufacturing operations.
4. **CUSTOMIZATION** - The machine can be customized to accommodate different label sizes and shapes, allowing for unique branding opportunities.

TARGET CLIENTELES:

1. **BEVERAGE MANUFACTURERS** - Companies that produce bottled drinks, such as soda, water and juice, can benefit from the machine's ability to apply shrink sleeve labels.
2. **FOOD PRODUCERS** - Food manufacturers that package products in jars, cans, or bottles, such as condiments, sauces, or spices, can use the machine.
3. **COSMETIC COMPANIES** - Companies that produce skincare products, hair care products, or other personal care items can use the machine to apply shrink sleeve labels.
4. **PHARMACEUTICAL COMPANIES** - Pharmaceutical manufacturers that package products in bottles or containers can benefit from the machine's precision labeling capabilities.

BENEFITS OF SHRINK SLEEVE LABELING PACKAGING MACHINE:

- **ENHANCED BRANDING** - Shrink sleeve labels provide 360-degree coverage, allowing you to showcase your brand creatively.
- **TAMPER-EVIDENT LABELING** - Shrink sleeves offer tamper-evident seals, ensuring product integrity.
- **PROTECTION AND DURABILITY** - Shrink sleeves protect containers from moisture, scratches and other external factors.
- **CUSTOMIZABILITY** - Whether you have round, oval, square or irregularly shaped containers, shrink sleeve machines can adapt.

Specifications:

Description: This labeling machine is suitable for labeling the bottleneck or body of round bottles, flat bottles, square bottles, curved bottles, glass bottles, poly vinyl chloride (PVC), polyethylene (PET), polystyrene (PS), cans, cups and other products in food and beverage, medicine, daily chemical and other light industries. It is a multi-functional automatic labeling machine.

Can work with plastic bottle with size from 100mL to 2L (Round-shape bottles only);

Applicable for materials: plastic, glass, polystyrene (PS), poly vinyl chloride (PVC), tin cans, among others...;

Max. Bottle Diameter: 28-125mm (round);

Included Conveyor: 2-3meters in length;

Machine Language: English/Chinese;

Power: Three-Phase;

Recommended Room Size: at least fifty (50) sqms. with Water Provision and Air Compressor for Low Pressure Air (11KW, 15HP)

Power: 18 KW

Voltage: 220V AC

Productivity(b/min): 150b/min(9000bph) based on buyer's label size

Applicable bottle diameter(mm): Φ 28- Φ 125

Applicable label length(mm): 30~290

Applicable label thickness(mm): 0.035~0.13

Applicable label rolls inner diameter(mm): 75~78 adjustable

Overall dimension(mm): At least 2100*1200*2200

Package inclusions with specifications:

	<p>Open spanner (#14, #12, #8, #10); Monkey wrench (250*30mm.); Internal hexagonal wrench (total of seven [7] pcs.); Open screwdriver (6*100mm., 3*75mm.) Six-angles screwdriver (6*100mm., 3*75mm.)</p> <p>Other Inclusions and General Conditions: Supplier's Certificate of authority to sell from the manufacturer or local distributor/reseller; Training certificate provided by manufacturer to certified trainer. After-Sales Support certificate issued by the manufacturer: A dedicated Technical Professional will be assigned to the cooperorator as its point-person during and after warranty period; Parts Availability certificate issued by the manufacturer; On-Site Machine Assembly, Training and Installation: Manufacturer-trained technicians will install the machinery and equipment with the utmost skill and care, helping to get the equipment up and running for optimal machine performance; On-Site Training: With on-site training sessions with certified technician where a training outline is provided; At least twelve (12) months warranty for parts & services from acceptance date and Delivery: Within sixty (60) days upon receipt of Notice to Proceed (NTP).</p>		
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1

unit



(sample prototype, for visualization purposes only)

1,835,000.00

1,835,000.00

LARGE-FORMAT PRINTER AND CUTTER

The large-format printer and cutter machine is a versatile machine that can produce or create a wide range of products. This wide format printer can handle large sheets of paper used in producing plans and posters, banners, stickers, and floor graphics made in vinyl and mesh materials. The addition of this machine can help expand print offering to clients because of its versatility. This new printer model can increase productivity because of its laminating and print stacking capabilities and technology and lower operating costs due to its increased speed, capability of this wide format print system.

Output:
Inks retain the appearance of the material, achieving the desired matte, satin or glossy look;

Price of consumables (ink):
Eco-solvent inks are less cheap since it has a wide range of materials and can be sourced out locally;

Versatility:
It has metallic and white ink options which allow for producing a wider range of customers needs at a higher selling price, resulting in greater profits;

Heat Transfer:
Has the ability to print on heat transfer materials opens up additional applications such as short-run apparel, allowing for business which customers would otherwise go elsewhere for, and most popular industry standard materials are compatible;

Print Quality:
Has much wider than for HP Latex, allowing to produce a broader range of colors, including better spot color matching;

Cutting Quality:
It has integrated printing and contour cutting which allow for a variety of sign and decal graphics to be produced on the same device without need for time consuming manual setup, machine downtime or additional hardware investments;

Media loading:
Easy unloading and loading of material ether scrap or full roll. Features like fast media loading and easy ink cartridge replacement has been designed to ensure maximum ease of operation and reliability;.

Durability:
This type of machine is known for lasting many years, even decades. Materials are designed for heavy day-to-day industrial operation;

Print heads are most likely to be replaced every 2 Years;

Electrical installation: FREE to plug in to existing wall outlet;

Warranty: 1-Year Warranty which includes printhead replacement;

Package is already complete and itemized.

TARGET CLIENTELES:

1. **APPAREL AND TEXTILE INDUSTRY** - The apparel industry uses large-format printers for creating heat transfers, custom T-shirts, and fabric graphics.
2. **INTERIOR DECORATORS AND DESIGNERS** - Large-format printers are essential for producing wall murals, canvas prints, and other decorative elements.
3. **ARCHITECTS AND ENGINEERS** - Architects and engineers use large-format printers to produce architectural plans, blueprints, and technical drawings.
4. **OUTDOOR ADVERTISING AGENCIES** - Billboards, transit ads, and outdoor signage require large-format printing capabilities.

USEFULNESS:

1. LARGE FORMAT PRINTER

- **IDEAL FOR MARKETING ASSETS** - Large-format printers are tailor-made for producing eye-catching posters, flyers, and marketing materials. Their higher resolutions and color accuracy make them stand out.
- **TECHNICAL BLUEPRINTS** - Architects, engineers, and designers use large-format printers to create detailed technical blueprints, architectural plans, and schematics.
- **FINE ART AND PHOTOGRAPHY** - Artists and photographers use these printers to produce high-quality prints of their work, whether it's fine art or photography.
- **OFFICE AND STUDIO USE** - Large-format printers find applications in offices and studios where professional-quality prints are required. They're suitable for everything from presentations to promotional materials.

2. VINYL PRINTERS AND CUTTER -

- These machines combine printing and cutting functions, offering several benefits:
- **AFFORDABLE ENTRY POINT** - For small operators, a printer-cutter combo provides an affordable way to enter commercial printing.

Specifications:

Printing Method: Piezo ink-jet method;

Width: 335 to 1,625mm. (13.2 to 64 in.);

Thickness:

Max. 1.0 mm.(39.3ml.) with liner, for printing;

Max. 0.4mm (15.7 ml.) with liner and 8.6 ml (0.22 mm) without liner, for cutting;

Media Roll outer diameter: Max. 250 mm. (9.8 in.);

Media Roll weight: Max. 99 lb. (45 kgs.);

Media Core diameter: 7.62 m. (3 in.) or 50.8 mm. (2 in.);

Printing/cutting width (*1): Max. 1,600 m. (62.9 in.);

Printing resolution (dots per inch): Max. 1,200 dpi;

Cutting speed: 10 to 300 mm./s (0.39 to 11.8 in./s);

Blade force (*2): 30 to 500 gf;

Software resolution (when cutting): 0.025 mm/step (0.98 ml/step);

Dimensions: at least 2,886 mm. x 748 mm. x 1,320 mm. (113.7 in. x 29.5 in. x 52.0 in.);

Media heating system (*3): Print heater set temperature: 86 to 113 (°F 30 to 45 °C);

Dryer set temperature: 86 to 131 °F (30 to 55 °C);

Connectivity: Ethernet;

Power-saving function: Automatic sleep feature and

Rated input: 100-120/220-240 Va.c. 50/60 Hz 8.0/4.1

Package Inclusions:

Initial eight (8) liters of ink (consumable); 1 pc. Cleaning Solution (consumable); 1-unit Auto Voltage Regulator (AVR) 2kva; 1 roll Generic Sticker; Compatible Desktop/Laptop Requirement (at least Windows 10; Intel Core i5, 8G Ram with Solid State Drive [SSD]); Auto-Voltage Regulator (AVR); Licensed Software; Dedicated stands; power cord; Media take-up unit, media holders; replacement blade for separating knife; drain bottle and User's Manual

Other Inclusions and General Conditions:

Certificate of authority to sell from the manufacturer or local distributor/reseller;
 Training certificate provided by manufacturer to certified trainer.
 After-Sales Support certificate issued by the manufacturer: A dedicated Technical Professional will be assigned to the cooperorator as its point-person during and after warranty period;
 Parts Availability certificate issued by the manufacturer;
 On-Site Machine Assembly and Installation: Manufacturer-trained technicians will install the machinery and equipment with the utmost skill and care, helping to get the equipment up and running for optimal machine performance;
 On-Site Training: With on-site training sessions with certified technician where a training outline is provided;
 At least twelve (12) months warranty for parts & services from acceptance date and
 Delivery: Within sixty (60) days upon receipt of Notice to Proceed (NTP).

2 units



(sample prototype, for visualization purposes only)

DESKTOP VACUUM FORMING MACHINE

The Desktop Vacuum Forming Machine is a manufacturing process that involves heating thermoplastic sheets, then applying vacuum pressure to form them into specific shapes. This process is used across different industries to create a wide array of products, from packaging to automotive parts. It can also be used for rapid prototyping and creation of custom parts.

Possible clients that can benefit from this kind of machine are from the industries involved in:

- food and beverage;
- pharmaceutical companies;
- electronics;
- home and personal care;
- and others such as

1. AT-HOME MAKERS - Desktop vacuum formers are excellent for hobbyists who enjoy creating custom molds, packaging, and end-use products.

2. CUSTOM PACKAGING - Companies that need custom packaging for their products can benefit from vacuum forming. It allows them to create trays, inserts, and protective covers tailored to their specific items.

3. RAPID PROTOTYPING - Industrial designers and engineers often use vacuum forming to quickly iterate and refine product designs.

90,000.00

180,000.00

BENEFITS OF DESKTOP VACUUM FORMING MACHINE:

- It allows you to create custom molds and products without significant upfront costs.
- Compared to conventional processing methods, vacuum forming has a short tooling mold production time.
- It is suitable for creating detailed parts and components.
- Vacuum forming generates less waste compared to other manufacturing processes.

Specifications:

Dimensions: at least 466 x 274 x 315 mm;
Material Thickness: at least 0.5 mm. - 1.5 mm.;;
Forming bed: at least 200 x 200 mm.;;
Draw Depth: at least 130 mm.;;
Ceramic Heater: 1000 w;
Temperature: 160 - 340 °C;
Compatible casting materials: Concrete, Silicone, Chocolate, Jello, Resin, Ice, Foam, Jesmonite, Plaster;
Power Requirements: 110V-220V, Single Phase;
Compatible forming materials:
Polyethylene terephthalate glycol (PETG);
High Impact Polystyrene (HIPS);
Acrylonitrile Butadiene Styrene (ABS);
Polystyrene (PS);
Polycarbonate (PC)
Polyethylene (PE) and
Acrylic Polymethyl Methacrylate (PMMA)

Package Inclusions:

Licensed Software, Initial Plastic Sheet, Complete accessories

Other Inclusions and General Conditions:

Certificate of authority to sell from the manufacturer or local distributor/reseller;
Training certificate provided by manufacturer to certified trainer.
After-Sales Support certificate issued by the manufacturer: A dedicated Technical Professional will be assigned to the cooperator as its point-person during and after warranty period;
Parts Availability certificate issued by the manufacturer;
On-Site Machine Assembly and Installation: Manufacturer-trained technicians will install the machinery and equipment with the utmost skill and care, helping to get the equipment up and running for optimal machine performance;
On-Site Training: With on-site training sessions with certified technician where a training outline is provided;
At least twelve (12) months warranty for parts & services from acceptance date and
Delivery: Within sixty (60) days upon receipt of Notice to Proceed (NTP).

4 units



(sample prototype, for visualization purposes only)

PLASTIC DESKTOP FDM 3D PRINTER

Plastic Desktop FDM (Fused Deposition Modeling) 3D printers are a type of additive manufacturing technology that uses melted plastic to create objects layer by layer.

USEFULNESS:

33,750.00

135,000.00

1. **PROTOTYPING** - FDM printers are excellent for rapid prototyping, allowing designers and engineers to quickly create functional models of their designs.
2. **PRODUCTION** - They can be used for small-scale production of parts, such as jigs, fixtures, and end-use products, like phone cases, toys, and household items.
3. **EDUCATION** - FDM printers are popular in educational institutions for teaching students about 3D printing, design, and engineering concepts.

TARGET CLIENTELES:

1. **DESIGNERS AND ENGINEERS** - Professionals in the fields of product design, mechanical engineering, aerospace, and automotive who need to create prototypes or production parts.
 2. **SMALL BUSINESS** - Companies with limited budgets or small-scale production needs that require quick turnaround times for custom parts.
 3. **ARTISTS AND CREATORS** - Artists, designers, and craftspeople who want to create unique, customized objects or functional pieces.
 4. **EDUCATORS** - Teachers and professors in schools, colleges, and universities who want to integrate 3D printing into their curricula.
- Overall, plastic desktop FDM 3D printers are a versatile and accessible technology that can benefit a wide range of users, from none expert to professionals.

Specifications:

Technology: FDM (Fused Deposition Modeling);
 Printing Dimension: 250 x 220 x 220 mm.;
 Machine dimensions: 490 x 445 x 443 mm.;
 Nozzle Size: 0.4mm.;
 Printing Speed: ≤100mm./s;
 Z-Axis: Single-Threaded Rod;
 Control panel: 2.4" LCD screen with a control knob;
 Leveling: 25-point automatic leveling;
 Nozzle Temperature: ≤500°F/260°C;
 Hot bed temperature: ≤ 230 °F / 110 °C;
 Printing Material: PLA/ABS/PETG/TPU and
 Power: 110 V / 220 V (50/60 Hz)

Package Inclusions:

1kg. Filament, 3D Printer Kit, 0.4mm Nozzle and power cables

Other Inclusions and General Conditions:

Certificate of authority to sell from the manufacturer or local distributor/reseller;
 Training certificate provided by manufacturer to certified trainer.
 After-Sales Support certificate issued by the manufacturer: A dedicated Technical Professional will be assigned to the cooperator as its point-person during and after warranty period;
 Parts Availability certificate issued by the manufacturer;
 On-Site Machine Assembly and Installation: Manufacturer-trained technicians will install the machinery and equipment with the utmost skill and care, helping to get the equipment up and running for optimal machine performance;
 On-Site Training: With on-site training sessions with certified technician where a training outline is provided;
 At least twelve (12) months warranty for parts & services from acceptance date and
 Delivery: Within sixty (60) days upon receipt of Notice to Proceed (NTP).

2	units	<div data-bbox="391 348 813 600" data-label="Image"> </div> <div data-bbox="396 604 813 627" data-label="Caption"> <p><i>(sample prototype, for visualization purposes only)</i></p> </div> <div data-bbox="240 663 873 732" data-label="Section-Header"> <h3>OPEN-SOURCE LARGE-FORMAT FDM 3D PRINTER</h3> </div> <div data-bbox="240 772 410 798" data-label="Section-Header"> <p>USEFULNESS:</p> </div> <div data-bbox="240 802 971 1184" data-label="List-Group"> <ul style="list-style-type: none"> 1. PROTOTYPING - Large-scale prototypes for product design, testing, and validation. 2. PRODUCTION OF LARGE-SCALE PARTS - Producing parts for industrial machinery, automotive, aerospace, or construction equipment. 3. ARCHITECTURE AND CONSTRUCTION - Printing large-scale models of buildings, bridges, or other structures for architectural visualization or presentation purposes. 4. MEDICAL AND HEALTHCARE - Printing large-scale medical models for surgical planning, patient education, or research purposes. 7. AUTOMOTIVE - Printing large-scale parts or prototypes for vehicle design, testing, and validation. 8. EDUCATION AND TRAINING - Printing large-scale models for teaching purposes in STEM subjects. </div> <div data-bbox="240 1211 505 1236" data-label="Section-Header"> <p>TARGET CLIENTELES:</p> </div> <div data-bbox="240 1268 971 1694" data-label="List-Group"> <ul style="list-style-type: none"> 1. ARTISTS AND DESIGNERS - Professionals seeking to create large-scale prototypes, sculptures, or architectural models for exhibitions or presentations. 2. EDUCATORS AND RESEARCHERS - Institutions and individuals involved in STEM education, research, and development, such as universities, colleges, and research centers. 3. INDUSTRIAL MANUFACTURING - Companies looking to produce large-scale parts or prototypes for testing, prototyping, or proof-of-concept purposes. 4. ENTREPRENEURS AND STARTUPS - Businesses that need to create large-scale products or prototypes for their products or services. </div> <div data-bbox="240 1726 378 1751" data-label="Section-Header"> <p>OVERVIEW:</p> </div> <div data-bbox="240 1787 971 1866" data-label="Text"> <p>Capable of printing objects with sizes up to 1m x 1m x 1m (3.3ft x 3.3ft x 3.3ft) or more. Able to print with high-temperature materials. Modular designs allow users to upgrade or modify the printer's components.</p> </div>	520,000.00	1,040,000.00

Relatively lower cost compared to commercial large format FDM 3D printers.

Specifications:

Technology: Fused Filament Fabrication (FFF)/Fused Deposition Modeling (FDM);
 Print Head System: Independent Dual Extruders (IDEX);
 Build Volume: at least 330 x 240 x 240 mm.;
 Filament Diameter: 1.75mm., Open Source;
 Memory: OnBoard Flash 8GB;
 Nozzle size: 0.4mm. (Default), 0.2/0.6/o.8/1.0mm (Available);
 Layer Height: at least 0.02 - 0.25 mm.;
 Bed: Flexible Steel Plate / Heated / Magnetic;
 Print Surface: Buildtak;
 Licensed Software: standard package included;
 Power: 100-240 V AC, 50/60 Hz 230 V @2 A;
 Precise Positioning: 0.78125-micron positioning resolution on x/y axis or better;
 Connectivity: Wireless Fidelity (Wi Fi), Local Area Network (LAN), Universal Serial Bus (USB) Port, USB Drive;
 Control Panel: at least 7" Touch Screen Panel;
 Build Plate: Heated Aluminum Build Plate with Magnetic Holding;
 Build Plate Leveling: Mesh-leveling with Flatness Detection;
 Enclosure: Fully Enclosed 3D Print Chamber;
 Open-Source Material System: Yes;
 Supported Materials: Polylactic Acid (PLA) / Acrylonitrile Butadiene Styrene (ABS) / High Impact Polystyrene (HIPS) / Polycarbonate (PC) / Thermoplastic Polyurethane (TPU) / Thermoplastic Elastomer (TPE) / Nylon / Polyethylene Terephthalate Glycol (PETG) / Acrylonitrile Styrene Acrylate (ASA) / Polypropylene Filament (PP) / Polyvinyl Alcohol (PVA) / Glass Fiber Infused / Carbon Fiber Infused / Metal Fill / Wood Fill;
 Features: Auto Bed Leveling

Package Inclusions:

Compatible Desktop/Laptop Requirement (at least Windows 10, Intel Core i7, 8G RAM with SSD); 5kgs.of Filaments; 3D Printer Kit; Power Cables; Accessories and Licensed Slicing Software

Other Inclusions and General Conditions:

Certificate of authority to sell from the manufacturer or local distributor/reseller;
 Training certificate provided by manufacturer to certified trainer.
 After-Sales Support certificate issued by the manufacturer: A dedicated Technical Professional will be assigned to the cooperator as its point-person during and after warranty period;
 Parts Availability certificate issued by the manufacturer;
 On-Site Machine Assembly and Installation: Manufacturer-trained technicians will install the machinery and equipment with the utmost skill and care, helping to get the equipment up and running for optimal machine performance;
 On-Site Training: With on-site training sessions with certified technician where a training outline is provided;
 At least twelve (12) months warranty for parts & services from acceptance date and
 Delivery: Within sixty (60) days upon receipt of Notice to Proceed (NTP).

1 unit



(sample prototype, for visualization purposes only)

1,035,000.00

1,035,000.00

CO2 LASER CUTTER AND ENGRAVER MACHINE

CO2 laser cutters and engravers are a type of computer-controlled machine that uses a high-powered laser beam to cut and engrave various materials, such as wood, plastic, fabric, and paper.

USEFULNESS:

1. **CUTTING AND ENGRAVING** - CO2 laser cutters and engravers are excellent for precision cutting and engraving of materials, allowing for intricate designs and complex shapes.
2. **SIGN MAKING** - They are commonly used in sign making and graphic design for cutting and engraving signs, logos, and other graphics.
3. **EDUCATION** - They are popular in educational institutions for teaching students about design, engineering, and manufacturing concepts.
4. **PROTOTYPING** - CO2 laser cutters and engravers can be used for rapid prototyping, allowing designers and engineers to quickly create functional models of their designs.

TARGET CLIENTELES:

1. **GRAPHIC DESIGNERS** - Professionals in the graphic design industry who need to create custom signs, logos, and graphics.
2. **SIGN MAKERS** - Business owners who specialize in creating custom signs, billboards, and displays.
3. **CRAFTERS AND MAKERS** - Non-professionals who enjoy crafting, DIY projects, and making unique items.
4. **EDUCATORS** - Teachers and professors in schools, colleges, and universities who want to integrate design, engineering, and manufacturing concepts into their curricula.
5. **SMALL BUSINESS** - Entrepreneurs who need to create customized products, packaging materials, or marketing materials.

OVERVIEW:

CO2 laser cutters and engravers are versatile machines that offer high precision cutting and engraving capabilities for various applications. They are suitable for professionals in the graphic design industry, sign makers, crafters, educators, small businesses, and anyone who needs to create customized products or marketing materials.

Specifications:

Work Surface area: at least 1300 x 990 mm.;
Dimension: 1800 x 1400 x 1000 mm. or equivalent;
Cutting speed: at least 30000 mm./min.;
Engraving Speed: at least 60000 mm./min.;
Laser Type: CO2 Laser Tube;
Laser power Included: up to 100Watts;
Focus Lens: 2.0 in. standard;
Resolution Ratio: 0.025 mm.
Repositioning accuracy: '+/- 10%';
Operating humidity: 5%-80%;
Graphic format supported:
BMP, GIF, JPEG, UNITX, TGA, TIFF, PLT, CDR, DWG, DXF;

Licensed Software Compatibility: CorelDraw, Photoshop, AutoCAD, Tajima, CAM/CAD;
 Cooling Method: Water Cooling (Chiller Included);
 Materials Compatibility:
 Acrylic, Wood, Fabric, Cardboard, Paper, Synthetic Granite, Natural Granite, Leather, Foam board, Glass;
 Extendable Size: Front and Back of laser machine can be opened and suitable for super length material process;
 Power Requirements: Single Phase, 220V, 50HZ/60HZ and with Red Light Pointer

Package Inclusions:

1 unit Spare Lens;
 2 units Spare Mirror;
 1 unit Rotary;

 1 unit Air Compressor with Fire Protection System;
 1 unit Chiller;
 1 set Starter Consumable;
 1 unit Auto-Voltage Regulator (AVR);
 Compatible Desktop/Laptop Requirement (at least Windows 10, Intel Core i5, 8G Ram with SSD and Licensed Software)

Other Inclusions and General Conditions:

Certificate of authority to sell from the manufacturer or local distributor/reseller;
 Training certificate provided by manufacturer to certified trainer.
 After-Sales Support certificate issued by the manufacturer: A dedicated Technical Professional will be assigned to the cooperator as its point-person during and after warranty period;
 Parts Availability certificate issued by the manufacturer;
 On-Site Machine Assembly and Installation: Manufacturer-trained technicians will install the machinery and equipment with the utmost skill and care, helping to get the equipment up and running for optimal machine performance;
 On-Site Training: With on-site training sessions with certified technician where a training outline is provided;
 At least twelve (12) months warranty for parts & services from acceptance date and
 Delivery: Within sixty (60) days upon receipt of Notice to Proceed (NTP).

1 unit



(sample prototype, for visualization purposes only)

DIGITAL EMBROIDERY MACHINE (7-NEEDLES)

Digital multi-needle embroidery machines are high-volume embroidery machines designed for high-volume, efficient, and intricate embroidery work. The number of its needles reduces the production time, and handles designs with a wide range of colors without the need to change thread manually during the embroidery process. This type of machine is for commercial settings, ideal for handling large volumes.
 This machine is used in sectors such as fashion, textile, advertising, and home furnishing, etc.

810,000.00

810,000.00

Max. Embroidery Speed:
Stitches per minute 1,200 (cap mode 1000pm max.);

Max. Embroidery Area: 15" x 20".

USEFULNESS:

- 1.INCREASES SPEED** - Digital embroidery provides a quick turnaround time. Regardless of the design or fabric used, the process is faster than manual embroidery.
- 2.EASY TO USE** - Embroidery can be challenging when done manually. However, digital machines make it easier.
- 3.BOOSTS CREATIVITY** - Digital embroidery machines open up new creative possibilities. You can leverage existing designs to develop innovative variations.

TARGET CLIENTELES:

- 1.HOME-BASED CRAFTERS** - who enjoy creating personalized items, monograms, and decorative designs can explore their creativity with these machines.
- 2. FASHION DESIGNERS** - These machines enable designers to add intricate embellishments to clothing, accessories, and costumes.
- 3.BOUTIQUES AND CLOTHING STORE** - Retailers can create unique embroidered pieces to attract customers.
- 4. GIFT MAKERS** - Creating personalized gifts, such as monogrammed towels, bags, or baby blankets, becomes easier with these machines.

Specifications:

Max. Embroidery Area: At least 11.4" x 11.2";
No. of Needles: at least 7 needles or more;
Guide: Laser Pointer;
File transfer thru: USB, LAN, SD Card;
Cap Sewing Field: at least 2.6" x 11.4";
Memory: 3,000 designs;
Control Panel: 7" Touchscreen;
Connections: USB, LAN;
Max. Embroidery Speed: 1000 Stitches per minute (SPM);
Power: Single Phase, 50/60 Hz;
Included Embroidery Hoops:
One touch frame 2.2" x 1.6", 3.9" x 4.7", 7.9" x 5.3";
Machine Dimensions (L x W x H): 29.3" x 25.3" x 28.9" or equivalent;
With at least one (1) Bobbin Winder to help in auto-rewinding of bobbin threads;
Features: On-Board Letter, Independent Needle Speeds;
Auto Adjust Automated Upper/Lower Thread Cutting

Package Inclusions:

Initial Consumables, Modules, User's Manual, Auto-Voltage Regulator (AVR), Licensed Software and Embroidery Frames (1-2 units)

Other Inclusions and General Conditions:

Certificate of authority to sell from the manufacturer or local distributor/reseller;
Training certificate provided by manufacturer to certified trainer.
After-Sales Support certificate issued by the manufacturer: A dedicated Technical Professional will be assigned to the cooperator as its point-person during and after warranty period;
Parts Availability certificate issued by the manufacturer;
On-Site Machine Assembly and Installation: Manufacturer-trained technicians will install the machinery and equipment with the utmost skill and care, helping to get the equipment up and running for optimal machine performance;
On-Site Training: With on-site training sessions with certified technician where a training outline is provided;
At least twelve (12) months warranty for parts & services from acceptance date and
Delivery: Within sixty (60) days upon receipt of Notice to Proceed (NTP).

2 units

36,365.00

72,730.00



(sample prototype, for visualization purposes only)

HIGH-SPEED SEWING MACHINES

A high-speed sewing machine is a valuable tool for both beginners and experienced sewists. They offer efficiency, precision, and the ability to tackle various projects effectively.

USEFULNESS:

1. **PRECISION AND CONTROL** - Controlled stitching speeds are especially helpful for intricate tasks like detailed embroidery or delicate fabrics. By adjusting the speed, you gain greater control over fabric handling, reducing the risk of uneven stitches or bunching.
2. **HEAVY DUTY CAPABILITIES** - Some high-speed machines are designed for heavy-duty use. They can handle thick fabrics, multiple layers, and demanding projects.
3. **VERSATILITY** - High-speed machines are not limited to one type of project. They can handle a wide range of materials, from lightweight fabrics to heavy denim or leather.

TARGET CLIENTELES:

QUILTERS - The adjustable pin feed mechanism and bed extension table make it perfect for quilting projects.

SEAMSTRESSES - Anyone who needs fast, precise straight stitching will benefit from this machine.

BENEFITS OF HIGH-SPEED SEWING MACHINES:

1. **SPEED AND EFFICIENCY** - High-speed sewing machines are designed for rapid stitching processes. Compared to hand sewing, they significantly reduce the time required to complete projects.
2. **VERSATILITY AND STITCHING** - Sewing machines offer various stitch options, from basic straight and zigzag stitches to decorative and complex embroidery stitches.
3. **PROFESSIONAL-QUALITY FINISHING** - Sewing machines enable users to achieve professional-quality finishes on garments and crafts.

Specifications:

Application: Light to Medium-weight;
 Max. sewing speed: at least 4,500 sti/min*;
 Max. stitch length: at least 5mm.;
 Needle bar stroke: at least 30.7mm.;
 Lift of the presser foot:
 By hand: 5.5mm.;
 By knee: 13mm.;

Needle: DBx1 (#14) #9~#18;
 Feed dog: 3-row;
 Hook: Automatic-lubricating full-rotary hook;
 Lubrication: Automatic;
 Lubricating oil: Included;
 Power: 110V

The growing trend of customization and personalization in the fashion industry and automation in the sewing process fuel the demand for high-

speed sewing machines. In the apparel industry, these machines are essential for stitching garments efficiently and producing high-quality products. These machines can work with all types of fabric available and are perfect for operations such as hemming, seaming,

Other Inclusions and General Conditions:
 Certificate of authority to sell from the manufacturer or local distributor/reseller;
 Training certificate provided by manufacturer to certified trainer.
 After-Sales Support certificate issued by the manufacturer: A dedicated Technical Professional will be assigned to the cooperator as its point-person during and after warranty period;
 Parts Availability certificate issued by the manufacturer;
 On-Site Machine Assembly and Installation: Manufacturer-trained technicians will install the machinery and equipment with the utmost skill and care, helping to get the equipment up and running for optimal machine performance;
 On-Site Training: With on-site training sessions with certified technician where a training outline is provided;
 At least twelve (12) months warranty for parts & services from acceptance date and
 Delivery: Within sixty (60) days upon receipt of Notice to Proceed (NTP).

1 unit



(sample prototype, for visualization purposes only)

CNC ROUTER AND FLATBED CUTTER (2-in-1)

Computer Numerical Control (CNC) routers are more versatile machines that can handle various materials and are often used in industries that require precision cutting. Flatbed cutters are more specialized machines designed for cutting specific materials (e.g., paper, vinyl) and are commonly used in sign shops, print shops, and graphic design applications.

Software:
 - Perpetual License;
 - It has cloud-based program, available for free to anyone with an Internet connection, allows new CNC users to learn programming in PathPilot's environment and try it;
 - With Built-in cloud storage wherein you can program from anywhere and upload your designs;
 - Monitor, Keyboard, Mouse and Controller are all included;
 - Accessories are enumerated and complete to run the machine such as Dust Collector, Controller and all Peripherals;

Warranty:
 With parts availability certification from manufacturer for minimum of five (5) years which secures the end-user that spare parts available in the next succeeding years in a well established company.

USEFULNESS:
 1. **SIGN MAKING** - They create precise lettering and graphics for signs.
 2. **ART AND SCULPTURE** - Artists use them to create detailed sculptures and art pieces.
 3. **3D CARVING** - CNC routers are capable of 3D carving, allowing for complex shapes and contours.

2,849,000.00

2,849,000.00

TARGET CLIENTELES:

- 1. **SIGNAGES MAKERS** - Signages makers use CNC routers to cut letters, logos, and designs into various materials, such as wood, acrylic, and metal.
- 2. **MODEL MAKERS** - Model makers, architects, and designers use CNC routers to create scale models, prototypes, and detailed designs.
- 3. **PROTOTYPING AND RAPID MANUFACTURING** - Companies in the aerospace, automotive, and medical industries use CNC routers to create prototypes and production parts quickly and efficiently.

Specifications:

Processing Area: at least 680 x 1650 mm (minimum);
Standard Gantry Clearance: 152 mm or Higher;
Control System: Machine Controller that is easy to learn and with touchscreen friendly user interface;
Support for up to four (4) axis continuous machining;
Intuitive conversational programming;
Built-in recommended speeds and feeds calculator;
at least 80GB program memory;
Built-in Cloud storage support for seamlessly transferring programs;
XYZ Axis Travel: at least 625 x 1415 x 170mm. (minimum);
Resolution: 0.006 mm (minimum);
Repeatability: ±0.02 mm (minimum);
Position Accuracy: ±0.167 mm/m (minimum);
Table Type: Integrated Vacuum Table;
Speed: up to 24000 RPM;
Spindle Type: Electrospindle, 2HP / 1.5 kW;
Spindle Taper: ER-20;
Linear Motion: Ball Screw and Stepper Driver, Precision Linear Guideway;
Max. Feed Rate: 5.0 m/min (minimum);
Cooling type: Water-Cooled (Chiller Included);
Solid Machine Base:
A rigid, welded steel stand, Machine Base cast iron, fitted with an aluminum gantry, creates a strong structure to support the most demanding processes. Should NOT be modular or to be assembled on site -should be welded in the factory;
Origin: Must be from the United States of America (USA);
Power Requirements: must be Single-Phase only, 220V with AVR and 15A breaker;
Machine Controller Features:
- Usable G-Code Memory: Brix Controller at least 80 GB;
- Built-in Cloud storage support for seamlessly transferring programs;
- Console at least 40 GB and to be assembled on site and should be welded in the factory.
This multi-purpose cutter/router is specifically designed to meet the ever-growing needs of the signage, display, and packaging industries. The target clients of this machine can come from print market segments that offer products ranging from retail promotional graphics, decals, and banners, to all types of displays, and folding packaging, advertising and sign and graphic and sample-making of garment industry.

Package Inclusions:

- 1 unit Machine Controller;
- 1 set Standard Height Adjustable Machine Foot;
- 1 unit Machine Owner's Kit;
- 1 unit Machine Controller;
- 1 set Controller Peripherals;
- 1 set Dust Collector;
- 1 set Cutting Tool Kit and Collet;
- 1 unit Computer-Aided Manufacturing (CAM) Software;
- 1 unit Auto-Voltage Regulator (AVR);
- 1 unit Drag Knife (Cutter for flat boxes)

Initial Consumables:

- 1 unit 4x4 Ordinary Plywood;
- 1 unit 4x4 Medium Density Fiber (MDF) Wood/Board

Other Inclusions and General Conditions:

Certificate of authority to sell from the manufacturer or local

distributor/reseller;
 Training certificate provided by manufacturer to certified trainer.
 After-Sales Support certificate issued by the manufacturer: A dedicated Technical Professional will be assigned to the cooperator as its point-person during and after warranty period;
 Parts Availability certificate issued by the manufacturer;
 On-Site Machine Assembly and Installation: Manufacturer-trained technicians will install the machinery and equipment with the utmost skill and care, helping to get the equipment up and running for optimal machine performance;
 On-Site Training: With on-site training sessions with certified technician where a training outline is provided;
 At least twelve (12) months warranty for parts & services from acceptance date and
 Delivery: Within sixty (60) days upon receipt of Notice to Proceed (NTP).

1 unit



(sample prototype, for visualization purposes only)

CNC PLASMA CUTTER

USEFULNESS:

A CNC (Computer Numerical Control) Plasma Cutter is a machine that uses a high-velocity jet of hot plasma to cut through various materials like metal, wood, and even plastic. It's controlled by computer software, allowing for precise and repeatable cuts.

Software:

- Perpetual License
- It has cloud-based program, available for free to anyone with an Internet connection, allows new CNC users to learn programming in PathPilot's environment and try it.
- With Built-in cloud storage wherein you can program from anywhere and upload your designs
- Monitor, Keyboard, Mouse and Controller are all included.
- Accessories are enumerated and complete to run the machine

Warranty:

With parts availability certification from manufacturer for minimum of 5 Years which secures the end-user that spare parts available in the next succeeding years in a well established company

ADVANTAGES:

1. **PRECISION** - CNC Plasma Cutters can make precise cuts with high accuracy, even in complex shapes.
2. **SPEED** - Cutting speeds are faster than traditional methods, making it ideal for production environments.
3. **FLEXIBILITY** - The machine can cut through various materials, including metal, wood, and plastic, with minimal setup changes.
4. **COST EFFECTIVENESS**- The CNC Plasma Cutter can reduce labor costs and increase productivity, making it a cost-effective solution for many industries.

2,860,000.00

2,860,000.00

5. **CONSISTENCY** - The machine ensures consistent cuts, reducing the risk of human error.

INDUSTRY THAT WILL BENEFIT FROM THE CNC PLASMA CUTTER:

- 1. **MANUFACTURING** - For producing parts, components, and products with precision cuts.
- 2. **FABRICATION** - For creating custom shapes and designs for architectural, construction, and industrial projects.
- 3. **AUTOMOTIVE** - For cutting and shaping metal parts, such as car bodies, frames, and accessories.
- 4. **AEROSPACE** - For cutting and shaping lightweight metals, alloys, and other materials used in aircraft and spacecraft construction.
- 5. **ARTISTIC APPLICATION** - For creating unique designs, sculptures, and other artistic pieces.

HERE ARE SOME POTENTIAL TARGET CLIENTELES:

- 1. **MANUFACTURERS**
 - Automotive manufacturers (e.g., car bodies, frames, and accessories)
 - Aerospace manufacturers (e.g., aircraft parts, spacecraft components)
 - Heavy machinery manufacturers (e.g., construction equipment, agricultural equipment)
 - Industrial equipment manufacturers (e.g., pumps, valves, pipes)
- 2. **FABRICATION SHOPS**
 - Architectural metal fabrication shops (e.g., custom railings, staircases, door frames)
 - Construction metal fabrication shops (e.g., custom steel structures, pipe fittings)
 - Industrial metal fabrication shops (e.g., custom equipment, machinery parts)
- 3. **CONTRACTORS AND BUILDERS**
 - Construction contractors (e.g., general contractors, electrical contractors, plumbers)
 - Building owners and facility managers (e.g., airports, hospitals, schools)
 - Government agencies (e.g., transportation departments, public works departments)
- 4. **EDUCATION AND RESEARCH INSTITUTIONS**
 - Universities and colleges with engineering, manufacturing, or design programs
 - Research institutions focused on materials science, robotics, or aerospace engineering
- 5. **GOVERNMENT AGENCIES**
 - Defense agencies (e.g., military branches, defense contractors)
 - Law enforcement agencies (e.g., police departments, forensic labs)
 - Public works agencies (e.g., road maintenance, bridge construction)

OVERVIEW:
The CNC Plasma Cutter is an incredibly useful tool for industries that require precision cutting and shaping of various materials. Its advantages include speed, flexibility, precision, cost-effectiveness, and consistency. While there are some challenges to consider, the benefits of owning a CNC Plasma Cutter make it an attractive investment for many industries.

Specifications:
Table Size: at least 1300 x 1300mm.;
Table Type: Water Table;
Travels (X, Y, Z) minimum: at least 1232 x 12770 x 100mm.;

Max. Feed Rate minimum: X/Y: 1,000 IPM (25.4 m/min), Z: 120 IPM (3.0 m/min.);
 Liquid Capacity: at least 220 liters;
 Resolution: 0.0127 mm.;
 Repeatability: ± 0.0254 mm.;
 Positional Accuracy: 130 micron / 300mm.;
 Linear Motion Components:
 X- and Y-Axis Motor: Servo-Driven;
 Z-Axis Motor: NEMA-23 Stepper;
 Guideways: Precision Linear Guideway;
 Machine Construction:
 Water Table: Welded Steel;
 Machine Base: Welded Steel;
 Gantry Bridge: Aluminum;
 Gantry Supports: Steel;
 Power Transmission:
 Planetary Gear (X-Axis);
 5 mm. HTD Belt (Y-Axis);
 Power Requirements: must be Single-Phase only, 230 Vac, 20A breaker;
 Air Pressure: Between 90 - 120 psi (620 kPa - 825 kPa);
 Origin: Must be from the USA;
 Machine Controller Features:
 - Cloud-based simulator;
 - Intuitive conversational programming;
 - DXF import capability;
 - Auto Cut Feeds & Speeds Calculator built in;
 - Usable G-Code Memory: Brix Controller: at least 80 GB, Console: at least 40 GB
 - Built-in Cloud storage support for seamlessly transferring programs

Package Inclusions:

- 1 unit Plasma Table;
- 1 unit Owner's Kit;
- 1 unit System Controller Program Licensed Software;
- 1 unit Machine Controller Peripherals;
- 1 unit Hypertherm Plasma Cutter;
- 1 set Hypertherm Essential Consumable;
- 1 unit Air Compressor;
- 1 unit Auto-Voltage Regulator (AVR) and
- 1 set of initial consumables

Other Inclusions and General Conditions:

Certificate of authority to sell from the manufacturer or local distributor/reseller;
 Training certificate provided by manufacturer to certified trainer.
 After-Sales Support certificate issued by the manufacturer: A dedicated Technical Professional will be assigned to the cooperator as its point-person during and after warranty period;
 Parts Availability certificate issued by the manufacturer;
 On-Site Machine Assembly and Installation: Manufacturer-trained technicians will install the machinery and equipment with the utmost skill and care, helping to get the equipment up and running for optimal machine performance;
 On-Site Training: With on-site training sessions with certified technician where a training outline is provided;
 At least twelve (12) months warranty for parts & services from acceptance date and
 Delivery: Within sixty (60) days upon receipt of Notice to Proceed (NTP).

1

unit



(sample prototype, for visualization purposes only)

1,322,070,00

1,322,070,00

DESKTOP WATERJET CUTTER

USEFULNESS:

A Desktop Waterjet Cutter is a compact, computer-controlled machine that uses a high-pressure jet of water to cut through various materials like stone, glass, metal, and even plastic. It's perfect for small-scale projects and prototyping.

ADVANTAGES:

1. **PRECISION** - The Desktop Waterjet Cutter can make precise cuts with high accuracy, even in complex shapes.
2. **FLEXIBILITY** - The machine can cut through various materials, including hard-to-cut materials like glass, stone, and metal.
3. **SPEED** - Cutting speeds are relatively fast, making it ideal for small-scale production environments.
4. **COST EFFECTIVENESS** - The machine is relatively affordable and can be used in small-scale projects, reducing the need for large-scale manufacturing equipment.
5. **ENVIRONMENTAL BENEFITS** - The waterjet cutting process is eco-friendly, producing minimal waste and no toxic fumes.

INDUSTRIES THAT WILL BENEFIT FROM DESKTOP WATERJET CUTTERS:

1. **DESIGN AND PROTOTYPING** - For creating precise prototypes, architectural models, and product designs.
2. **ARTISTIC APPLICATION** - For creating unique sculptures, jewelry, and other artistic pieces.
3. **SMALL-SCALE MANUFACTURING** - For producing small batches of products, such as custom parts, tools, and fixtures.
4. **EDUCATION AND RESEARCH FACILITIES** - For teaching students about precision cutting and material science.
5. **MEDICAL AND HEALTHCARE INSTITUTIONS AND ESTABLISHMENTS** - For cutting medical devices, implants, and other healthcare-related materials.

TARGET CLIENTELES:

1. **DESIGNERS AND ARTISTS** - Graphic designers, architects, jewelers, and other creatives who need precise cutting for their projects.
2. **SMALL-SCALE MANUFACTURERS** - Entrepreneurs and small businesses that require precision cutting for their products.
3. **EDUCATORS AND RESEARCHERS** - Professors, students, and researchers in fields like engineering, materials science, and biology.
4. **MEDICAL PROFESSIONALS** - Medical device manufacturers, surgeons, and healthcare professionals who require precise cutting for medical devices or implants.

OVERVIEW:

The Desktop Waterjet Cutter is a versatile tool that can benefit a wide range of industries and professionals. Its advantages include precision cutting, flexibility, speed, cost-effectiveness, and environmental benefits. By targeting the right clientele with the right marketing strategies and messaging, you can effectively promote the benefits of the Desktop Waterjet Cutter and generate interest among potential customers.

Specifications:

Cutting Area (XY): At least 305 mm. x 460 mm.;

Cut Bed Size: At least 330 mm. x 485 mm.;

Width of cut: At least 1.1 mm.;

Abrasive Rate: 0.33 lb./min, 0.15 kg./min. or better;

Water Source: Filtered tap water;

Cutting Materials: Cuts metal, glass, plastic, composites, tile, rubber and foam among others.;

Input Water Filter: at least 300 mesh;

Input Water Flow Rate: 1 GPM (3.8 L/min.);
 Water Drainage Flow Rate (maximum): 1.5 GPM (5.7 L/min.);
 Abrasive Capacity: 13kgs. or better;
 Gantry Max Speed: 59 IPM (1,500 mm./min.);
 Gantry Positional Accuracy: 0.003 in (0.08 mm) or better;
 Gantry Positional Precision: 0.08 mm or better;
 Compatible File Types: dxf, svg;
 Connectivity: Secure Digital (SD) Card;
 Noise Emission: 74 + / - 3dB;
 Noise Pressure Level: 87 + / - 3dB;
 Machine Unit Size: at least 850 mm. x 640 mm. x 550 mm. or equivalent;
 Power Requirement: Single phase only 110V-220V / 50-60Hz

Package Inclusions:

1 unit Pump Box;
 100kgs. Abrasive material;
 1 unit Uninterrupted Power Supply (UPS);
 Nozzles;
 1 set Accessory Kit and
 User's Manual

Other Inclusions and General Conditions:

Certificate of authority to sell from the manufacturer or local distributor/reseller;
 Training certificate provided by manufacturer to certified trainer.
 After-Sales Support certificate issued by the manufacturer: A dedicated Technical Professional will be assigned to the cooperator as its point-person during and after warranty period;
 Parts Availability certificate issued by the manufacturer;
 On-Site Machine Assembly and Installation: Manufacturer-trained technicians will install the machinery and equipment with the utmost skill and care, helping to get the equipment up and running for optimal machine performance;
 On-Site Training: With on-site training sessions with certified technician where a training outline is provided;
 At least twelve (12) months warranty for parts & services from acceptance date and
 Delivery: Within sixty (60) days upon receipt of Notice to Proceed (NTP).

1 unit



(sample prototype, for visualization purposes only)

HANDHELD 3D SCANNER WITH BUILT-IN INTERFACE

A handheld 3D scanner with a built-in interface is a device that allows users to scan objects quickly and easily, without the need for a separate computer or tablet.

USEFULNESS:

1. **QUALITY CONTROL AND INSPECTION** - Manufacturers can use handheld 3D scanners to inspect and measure products quickly and accurately, ensuring compliance with quality standards.
2. **MEDICAL AND HEALTHCARE** - Handheld scanners can be used in medical settings to create detailed 3D models of patient anatomy, which can be used for planning surgeries, creating custom implants, or tracking patient progress.

TARGET CLIENTELES:

1,058,200.00

1,058,200.00

1. **QUALITY CONTROL PROFESSIONALS** - Companies in industries such as automotive, consumer goods, and healthcare can use handheld 3D scanners to ensure quality control and inspection.
2. **MEDICAL PROFESSIONALS** - Doctors, surgeons, and medical researchers can use handheld scanners to create detailed 3D models to track patients progress.

BENEFITS OF HANDHELD 3D SCANNER WITH BUILT-IN INTERFACE:

- Quickly and easily capture objects in 3D
- Accurately measure and inspect objects
- Create detailed 3d models for design, prototyping, or animation

Specifications:

Scanner Type: Handheld with Built-in touchscreen interface;
Description: Hand-held 3D scanner meant to capture medium and large objects (from 30cm. to 10m. in length). With Built-in touchscreen for ease-of-use during scanning;
3D Point Accuracy: 0.1 mm. or better;
3D Resolution: 0.6 mm. or better;
Depth of view: at least 55-95 cm.;
Field of view: at least 280 x 360 mm. (min.) to 490 x 650 mm. (max.);
3D Light source: White Light Emitting Diode (LED);
Texture Resolution: 2.3 mp;
Frame Rate: 35 fps or better;
Data acquisition speed: at least 3 Million points/sec. (min.);
Multi core processing: Yes;
3D Formats: .obj, polygon (PLY), stereolithography (STL), etc.;
Interface: Built-in touchscreen - 4 inches or bigger;
Tracking Modes: Geometry, Markers, Texture;
Capable of scanning: Black surfaces, Glossy objects, Sharp edges, Human hair;
Dimensions: At least 165 x 85 x 270 mm. or equivalent;
Software: Includes license operating software that can fill holes, simplify the mesh, apply texture;
Power: Built-in rechargeable battery and
Power charger: 12V, 60W

Bundle Inclusions:

- Calibration Board;
- Magnetic Marker;
- Universal Serial Bus (USB) Cable;
- Licensed Software;
- Carry Case and
- Compatible Desktop/Laptop Requirement (at least 16", Windows 10, Intel Core i9, 16G DDR5, 5600MHZ, 1TB NVME with SSD)

Other Inclusions and General Conditions:

Certificate of authority to sell from the manufacturer or local distributor/reseller;
Training certificate provided by manufacturer to certified trainer.
After-Sales Support certificate issued by the manufacturer: A dedicated Technical Professional will be assigned to the cooperator as its point-person during and after warranty period;
Parts Availability certificate issued by the manufacturer;
On-Site Machine Assembly and Installation: Manufacturer-trained technicians will install the machinery and equipment with the utmost skill and care, helping to get the equipment up and running for optimal machine performance;
On-Site Training: With on-site training sessions with certified technician where a training outline is provided;
At least twelve (12) months warranty for parts & services from acceptance date and
Delivery: Within sixty (60) days upon receipt of Notice to Proceed (NTP).

Total Approved Budget for the Contract (ABC) <i>(Inclusive of 12% VAT)</i>	PhP18,257,000.00 <i>(PhP2,190.840.00)</i>
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e. PAYMENT SCHEMES/ SCHEDULE

Payment will be done upon complete delivery of the project, submission of all necessary documents and subject to COA auditing rules and procedures.

f. LIQUIDATED DAMAGES

Where the Supplier refuses or fails to satisfactorily complete the work within the specified contract time, plus any extension duly granted and is hereby in default under the contract, the Supplier shall pay DTI for liquidated damages, and not by way of penalty, an amount, as provided in the conditions of the contract, equal to at least one tenth (1/10) of one percent (1%) of the cost of the unperformed portion of the works for every day of delay. Should the amount of liquidated damages reach ten percent (10%) of the contract amount, DTI may, at its own discretion, terminate the contract without prejudice to any further action it may take to recover whatever losses incurred due to non-performance of the Supplier.

To be entitled to such liquidated damages, DTI does not have to prove that it has incurred actual damages. Such amount shall be deducted from any money due or which may become due the Supplier under the contract and/or shall be paid by the Supplier within five (5) days from notice of such default, whichever is convenient to the DTI.

g. SUPPLIER'S WARRANTY SECURITY

The Supplier shall assume full responsibility for the Works from the time the work commenced up to final acceptance by the Procuring Entity and shall be held responsible for any damage or destruction of the Works except those occasioned by *force majeure*. The Supplier shall be fully responsible for the safety, protection, security, and convenience of his personnel, third parties, and the public at large, as well as the Works, equipment, and installation, and the like to be affected by his work.

In order to assure that manufacturing defects shall be corrected by the supplier, a warranty security shall be required from the contract awardee for a minimum period of three (3) months, in the case of Expandable Supplies, or a minimum period of one (1) year, in the case of Non-expandable Supplies, after acceptance by the Procuring Entity of the delivered supplies,

The obligation for the warranty shall be covered by either retention money in an amount equivalent to at least one percent (1%) of every progress payment, or a special bank guarantee equivalent to at least one percent (1%) of the total contract price. The said amounts shall only be released after the lapse of the warranty period or, in the case of Expendable Supplies, after consumption thereof: Provided however, that the supplies delivered are free from patent and latent defects and all the conditions imposed under the contract have been fully met.

h. LIABILITY OF THE SUPPLIER

The Supplier's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

i. RESOLUTION OF DISPUTES

If any dispute or difference of any kind whatsoever shall arise between the parties in connection with the implementation of the contract covered by Republic Act No. 9184 and its IRR, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.

Any and all disputes arising from the implementation of a contract covered by R.A. No. 9184 and its IRR shall be submitted to arbitration in the Philippines according to the provisions of R.A. 876, otherwise known as the "Arbitration Law" and R.A. 9285, otherwise known as the "Alternative Dispute Resolution Act of 2004": *Provided, however,* that by mutual agreement, the parties may agree in writing to resort to other alternative modes of dispute resolution.

IX. QUALIFICATION REQUIREMENTS

a. Qualification Requirements

- Philippine Government Electronic Procurement System Accreditation (PhilGEPS) Certificate of Registration and Membership with platinum level

b. Criteria for Selection

- To be decided by Bids and Awards Committee during the pre-bid conference.


X. MODE OF PROCUREMENT:

The project shall be procured through Sections 23 & 25 (Competitive Bidding) of RA No. 9184 and its revised IRR.


XI. FUND SOURCE AND APPROVED BUDGET FOR THE CONTRACT:

- Fund source: 2024 General Appropriations Act (GAA)
- The Pre-Approved Budget for the Contract (ABC) for the SSF Project is *Eighteen Million and Two Hundred Fifty-Seven Pesos (PhP18,257,000.00)* inclusive of all taxes and fees.


Prepared by:


EMIL PAOLO B. GALANG
STIDS/DTI-SSF Point Person
Date Submitted: 07/31/2024

Reviewed by:


MA. CRISTINA B. EVANGELISTA
CTIDS, DTI Pampanga
Date: 07/31/2024

Approved by:


ELENITA R. ORDONIO
Provincial Director, DTI Pampanga
Date: 07/31/2024


EDNA D. DIZON
OIC-Regional Director/SSF RTWG Chairperson
Date: 07/31/2024



**Department of Trade and Industry
Regional Office III**

SECTION I. INVITATION TO BID

**Supply and Delivery of SSF Equipment on Fabrication
Laboratory for Inclusive Innovation and Entrepreneurship
Development (Pampanga State Agricultural University (PSAU))**

1. The *Department of Trade and Industry Region 3*, through the *General Appropriations Act of the Philippines* intends to apply the sum of *Eighteen Million Two Hundred Fifty-Seven Thousand Pesos (PHP 18,257,000.00)*, *tax inclusive*, being the ABC to payments under the contract for *BD25-001*. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The *Department of Trade and Industry Region 3* now invites bids for the above Procurement Project. Delivery of the Goods is required *within Sixty (60) days upon receipt of the Notice to Proceed*. Bidders should have completed a contract similar to the project within Two (2) years prior to the date of submission and receipt of bids. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
3. 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) No. 9184.

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 No. 5183.
4. Prospective Bidders may obtain further information from *Department of Trade and Industry Region 3* and inspect the Bidding Documents at the address given below during office hours *Monday to Friday, 8:00 AM to 5:00 PM*.
5. A complete set of Bidding Documents may be acquired by interested Bidders on *February 19, 2025* from the given address and website(s) below *and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of Twenty-Five Thousand Pesos (Php 25,000.00)*.

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.

6. The *Department of Trade and Industry Region 3* will hold a Pre-Bid Conference¹ on *February 27, 2025, 9:30am* PST at *DTI Regional Office 3, Malikhain Street corner Maagap Street, Diosdado Macapagal Government Center, Maimpis, City of San Fernando, Pampanga* which will be simultaneously broadcasted via zoom teleconference (zoom link to be provided), which shall be open to prospective bidders. *Prospective bidders are advised to send a letter of intent containing the names and email address of interested participants on or before the given date above.*
7. Bids must be duly received by the BAC Secretariat *through manual submission* at the address below on or before *March 11, 2025, 2:30pm* P.S.T. Late bids shall not be accepted.
8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.
9. Bid opening shall be on *March 11, 2025, 3:00pm* PST at DTI Regional Office 3, Malikhain Street corner Maagap Street, Diosdado Macapagal Government Center, Maimpis, City of San Fernando, Pampanga *which will be simultaneously broadcasted via zoom teleconference (zoom link to be provided)*. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
10. The *Department of Trade and Industry Region 3* 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 Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
11. For further information, please refer to:

**Nanette D. Linatoc/Ma. Providencia P. Dizon/ Jan Ricardo I. Pilarca/
Carla Pangan**
Bids and Awards Committee Secretariat
Department of Trade and Industry – Region 3
Malikhain Street corner Maagap Street,
Diosdado Macapagal Government Center,
Maimpis, City of San Fernando, Pampanga
Telephone No. +63(45) 625-9290
E-mail Address: R03@dti.gov.ph, nanettelinatoc@dti.gov.ph,
janpilarca@dti.gov.ph,ma.providenciadizon@dti.gov.ph,
carlacunananpangan@dti.gov.ph

¹ May be deleted in case the ABC is less than One Million Pesos (PhP1,000,000) where the Procuring Entity may not hold a Pre-Bid Conference.



A handwritten signature in black ink, appearing to read 'Richard V. Simangan'.

RICHARD V. SIMANGAN
Chairperson
DTI- 3 Bids and Awards Committee

GERARDO P. MAGLALANG
Vice - Chairperson
DTI- 3 Bids and Awards Committee

