

Republic of the Philippine TARLAC STATE UNIVERSITY Romulo Blvd., San Vicente, Tarlac City Tel. No.: (045) 982 4630 Website: www.tsu.edu.ph

Bidding Documents

(This Bidding Documents is in conformance with the Sixth Edition of the Philippine Bidding Documents for the Procurement of Goods)

For the Project

Supply and Delivery of IT Equipment (EPA 2024)

With an Approved Budget for the Contract (ABC) of Fourteen Million Eight Hundred Two Thousand Pesos (₱ 14,802,000.00)

Invitation to Bid No. Goods 2024-001 PhilGEPS Reference No.: 10233057

July 2020 6th Edition

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Glossary of Acronyms, Terms, and Abbreviations

ABC – Approved Budget for the Contract.

BAC – Bids and Awards Committee.

Bid – A signed offer or proposal to undertake a contract submitted by a bidder in response to and in consonance with the requirements of the bidding documents. Also referred to as *Proposal* and *Tender*. (2016 revised IRR, Section 5[c])

Bidder – Refers to a contractor, manufacturer, supplier, distributor and/or consultant who submits a bid in response to the requirements of the Bidding Documents. (2016 revised IRR, Section 5[d])

Bidding Documents – The documents issued by the Procuring Entity as the bases for bids, furnishing all information necessary for a prospective bidder to prepare a bid for the Goods, Infrastructure Projects, and/or Consulting Services required by the Procuring Entity. (2016 revised IRR, Section 5[e])

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

Consulting Services – Refer to services for Infrastructure Projects and other types of projects or activities of the GOP requiring adequate external technical and professional expertise that are beyond the capability and/or capacity of the GOP to undertake such as, but not limited to: (i) advisory and review services; (ii) pre-investment or feasibility studies; (iii) design; (iv) construction supervision; (v) management and related services; and (vi) other technical services or special studies. (2016 revised IRR, Section 5[i])

CDA - Cooperative Development Authority.

Contract – Refers to the agreement entered into between the Procuring Entity and the Supplier or Manufacturer or Distributor or Service Provider for procurement of Goods and Services; Contractor for Procurement of Infrastructure Projects; or Consultant or Consulting Firm for Procurement of Consulting Services; as the case may be, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

CIF – Cost Insurance and Freight.

CIP – Carriage and Insurance Paid.

CPI – Consumer Price Index.

DDP – Refers to the quoted price of the Goods, which means "delivered duty paid."

DTI – Department of Trade and Industry.

EXW – Ex works.

FCA – "Free Carrier" shipping point.

FOB – "Free on Board" shipping point.

Foreign-funded Procurement or Foreign-Assisted Project– Refers to procurement whose funding source is from a foreign government, foreign or international financing institution as specified in the Treaty or International or Executive Agreement. (2016 revised IRR, Section 5[b]).

Framework Agreement – Refers to a written agreement between a procuring entity and a supplier or service provider that identifies the terms and conditions, under which specific purchases, otherwise known as "Call-Offs," are made for the duration of the agreement. It is in the nature of an option contract between the procuring entity and the bidder(s) granting the procuring entity the option to either place an order for any of the goods or services identified in the Framework Agreement List or not buy at all, within a minimum period of one (1) year to a maximum period of three (3) years. (GPPB Resolution No. 27-2019)

GFI – Government Financial Institution.

GOCC – Government-owned and/or –controlled corporation.

Goods – Refer to all items, supplies, materials and general support services, except Consulting Services and Infrastructure Projects, which may be needed in the transaction of public businesses or in the pursuit of any government undertaking, project or activity, whether in the nature of equipment, furniture, stationery, materials for construction, or personal property of any kind, including non-personal or contractual services such as the repair and maintenance of equipment and furniture, as well as trucking, hauling, janitorial, security, and related or analogous services, as well as procurement of materials and supplies provided by the Procuring Entity for such services. The term "related" or "analogous services" shall include, but is not limited to, lease or purchase of office space, media advertisements, health maintenance services, and other services essential to the operation of the Procuring Entity. (2016 revised IRR, Section 5[r])

GOP – Government of the Philippines.

GPPB – Government Procurement Policy Board.

INCOTERMS – International Commercial Terms.

Infrastructure Projects – Include the construction, improvement, rehabilitation, demolition, repair, restoration or maintenance of roads and bridges, railways, airports, seaports, communication facilities, civil works components of information technology projects, irrigation, flood control and drainage, water supply, sanitation, sewerage and solid waste management systems, shore protection, energy/power and electrification facilities, national buildings, school buildings, hospital buildings, and other related construction projects of the government. Also referred to as *civil works or works*. (2016 revised IRR, Section 5[u])

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PhilGEPS - Philippine Government Electronic Procurement System.

Procurement Project – refers to a specific or identified procurement covering goods, infrastructure project or consulting services. A Procurement Project shall be described, detailed, and scheduled in the Project Procurement Management Plan prepared by the agency which shall be consolidated in the procuring entity's Annual Procurement Plan. (GPPB Circular No. 06-2019 dated 17 July 2019)

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

Supplier – refers to a citizen, or any corporate body or commercial company duly organized and registered under the laws where it is established, habitually established in business and engaged in the manufacture or sale of the merchandise or performance of the general services covered by his bid. (Item 3.8 of GPPB Resolution No. 13-2019, dated 23 May 2019). Supplier as used in these Bidding Documents may likewise refer to a distributor, manufacturer, contractor, or consultant.

UN – United Nations.

Section I. Invitation to Bid



Republic of the Philippine TARLAC STATE UNIVERSITY Romulo Blvd., San Vicente, Tarlac City Tel. No.: (045) 982 4630 Website: www.tsu.edu.ph

INVITATION TO BID

For the Project

Supply and Delivery of IT Equipment (EPA 2024)

Invitation to Bid No. Goods 2024-001

- 1. The Tarlac State University, through General Appropriation Act intends to apply the sum of **Fourteen Million Eight Hundred Two Thousand Pesos (₱ 14,802,000.00)** to payments under the contracts for the project: **Supply and Delivery of IT Equipment (EPA 2024)**. Bids received in excess of the ABC shall be automatically rejected at bid opening.
- 2. The Tarlac State University now invites bids for the project: **Supply and Delivery of IT Equipment** (EPA 2024). Delivery of the Goods is required within sixty (60) calendar days from the receipt of the Notice to Proceed. Bidders must have completed, within the last five (5) years prior to the date of submission and receipt of bids, a contract similar to the Project. 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) 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.

4. Interested bidders may obtain further information from **Tarlac State University** and inspect the Bidding Documents at the address given below during Tuesday to Friday from 8:00 A.M. to 5:00 P.M:

BAC Secretariat Motorpool and Administration Building Tarlac State University Romulo Blvd., San Vicente, Tarlac City Tel. No. (045) 606-8142 / 0998 846 0206 Email: **bacsec@tsu.edu.ph**

5. A complete set of Bidding Documents may be acquired by interested Bidders from **October 18, 2023** to **November 09, 2023** from the aforementioned address upon payment of the applicable fee for the

Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **P** 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 Tarlac State University will hold a Pre-Bid Conference on **October 25, 2023 (4:00 P.M.)** at the Business Center Audio-Visual Room, 2nd Floor, Business Center Bldg., Tarlac State University, Romulo Blvd., San Vicente, Tarlac City, which shall be open to prospective bidders.
- 7. Bids must be duly received by the BAC Secretariat at the address below on or before **November 09**, **2023**, **(2:00 P.M.)**.

BAC Secretariat Motorpool and Administration Building Tarlac State University Romulo Blvd., San Vicente, Tarlac City Tel. No. (045) 606-8142 / 0998 846 0206 Email: **bacsec@tsu.edu.ph**

- 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 **November 09, 2023,** at **2:00 P.M.**, at the Business Center Audio-Visual Room, 2nd Floor, Business Center Bldg., Tarlac State University, Romulo Blvd., San Vicente, Tarlac City. Bids will be opened in the presence of the bidders' representatives who choose to attend.
- 10. The Tarlac State University 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 9184, without thereby incurring any liability to the affected bidder or bidders.
- 11. For further information, please refer to:

Ms. Jhenna Micah A. Manankil/ Mr. Joshua Jonathan S. Jacinto BAC Secretariat Motorpool and Administration Building Tarlac State University Romulo Blvd., San Vicente, Tarlac City Tel. No. (045) 606-8142 / 0998 846 0206 Email: **bacsec@tsu.edu.ph**

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DR. MURPHY P. MOHAMMED BAC Chairperson

Section II. Instructions to Bidders

1. Scope of Bid

- 1.1. The Tarlac State University wishes to receive Bids for the project: **Supply and Delivery of IT Equipment (EPA 2024)**, with identification number **Invitation to Bid No. Goods 2024-001.**
- 1.2. The procurement project (referred to herein as "Project") is composed of eleven (11) items, the details of which are described in Section VII. Technical Specifications.

2. Funding Information

- 2.1. The GOP through the source of funding as indicated below for 2023 in the amount of ₱ 14,802,000.00
- 2.2. The source of funding is the General Appropriation Act

3. Bidding Requirements

- 3.1. The Bidding for the Project shall be governed by all the provisions of RA No. 9184 and its 2016 revised IRR, including its Generic Procurement Manuals and associated policies, rules and regulations as the primary source thereof, while the herein clauses shall serve as the secondary source thereof.
- 3.2. Any amendments made to the IRR and other GPPB issuances shall be applicable only to the ongoing posting, advertisement, or IB by the BAC through the issuance of a supplemental or bid bulletin.
- 3.3. The Bidder, by the act of submitting its Bid, shall be deemed to have verified and accepted the general requirements of this Project, including other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

4. Corrupt, Fraudulent, Collusive, and Coercive Practices

The Procuring Entity, as well as the Bidders and Suppliers, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and obstructive practices defined under Annex "I" of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

5. Eligible Bidders

- 5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2. Foreign ownership limited to those allowed under the rules may participate in this Project.
- 5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder must have a SLCC that is similar to the Project, as described in the **BDS**, with a value, adjusted to current prices using the PSA's CPI, that is at least equivalent to fifty percent (50 %) of the ABC.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

6. Origin of Goods

There is no restriction on the origin of goods other than those prohibited by a decision of the UN Security Council taken under Chapter VII of the Charter of the UN, subject to Domestic Preference requirements under ITB Clause 18.

7. Subcontracts

7.1. The Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than twenty percent (20%) of the Project.

The Procuring Entity has prescribed that subcontracting is not allowed

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and at the address indicated in paragraph 6 of the **IB**.

9. Clarification and Amendment of Bidding Documents

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such requests must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the **IB**, at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

10. Documents comprising the Bid: Eligibility and Technical Components

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section VIII. Checklist of Technical and Financial Documents**.
- 10.2. The Bidder's SLCC as indicated in ITB Clause 5.3 should have been completed within five (5) years prior to the deadline for the submission and receipt of bids.
- 10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

11. Documents comprising the Bid: Financial Component

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in Section VIII. Checklist of Technical and Financial Documents.
- 11.2. If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.
- 11.3. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 11.4. For Foreign-funded Procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

12. Bid Prices

- 12.1. Prices indicated on the Price Schedule shall be entered separately in the following manner:
 - a. For Goods offered from within the Procuring Entity's country:
 - i. The price of the Goods quoted EXW (ex-works, ex-factory, ex-warehouse, exshowroom, or off-the-shelf, as applicable);
 - ii. The cost of all customs duties and sales and other taxes already paid or payable;
 - iii. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and
 - iv. The price of other (incidental) services, if any, listed in e.
 - b. For Goods offered from abroad:
 - i. Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted delivered duty paid (DDP) with the place of destination in the Philippines as specified in the **BDS**. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible country. Similarly, the Bidder may obtain insurance services from any eligible source country.
 - ii. The price of other (incidental) services, if any, as listed in **Section VII. Technical Specifications**.

13. Bid and Payment Currencies

- 13.1. For Goods that the Bidder will supply from outside the Philippines, the bid prices may be quoted in the local currency or tradeable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies, shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.
- 13.2. Payment of the contract price shall be made in Philippine Pesos.

14. Bid Security

- 14.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.
- 14.2. The Bid and bid security shall be valid until **March 08, 2024**. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

15. Sealing and Marking of Bids

- 15.1. Each Bidder shall submit one copy of the first and second components of its Bid.
- 15.2. The Procuring Entity may request additional hard copies and/or electronic copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.
- 15.3. If the Procuring Entity allows the submission of bids through online submission or any other electronic means, the Bidder shall submit an electronic copy of its Bid, which must be

digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.

16. Deadline for Submission of Bids

16.1. The Bidders shall submit on the specified date and time and either at its physical address or through online submission as indicated in paragraph 7 of the **IB**.

17. Opening and Preliminary Examination of Bids

17.1. The BAC shall open the Bids in public at the time, on the date, and at the place specified in paragraph 9 of the **IB**. The Bidders' representatives who are present shall sign a register evidencing their attendance. In case videoconferencing, webcasting or other similar technologies will be used, attendance of participants shall likewise be recorded by the BAC Secretariat.

In case the Bids cannot be opened as scheduled due to justifiable reasons, the rescheduling requirements under Section 29 of the 2016 revised IRR of RA No. 9184 shall prevail.

17.2. The preliminary examination of bids shall be governed by Section 30 of the 2016 revised IRR of RA No. 9184.

18. Domestic Preference

18.1. The Procuring Entity will grant a margin of preference for the purpose of comparison of Bids in accordance with Section 43.1.2 of the 2016 revised IRR of RA No. 9184.

19. Detailed Evaluation and Comparison of Bids

- 19.1. The Procuring BAC shall immediately conduct a detailed evaluation of all Bids rated "*passed*," using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of the 2016 revised IRR of RA No. 9184.
- 19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case maybe. In this case, the Bid Security as required by **ITB** Clause 15 shall be submitted for each lot or item separately.
- 19.3. The descriptions of the lots or items are indicated in Section VII. Technical Specifications, and the ABCs of these lots or items are indicated in the BDS for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.
- 19.4. The Project shall be awarded as one project having several items that shall be awarded as one contract.
- 19.5. Except for bidders submitting a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation, all Bids must include the NFCC computation pursuant to Section 23.4.1.4 of the 2016 revised IRR of RA No. 9184, which must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder. For bidders submitting the committed Line of Credit, it must be at least equal to ten percent (10%) of the ABCs for all the lots or items participated in by the prospective Bidder.

20. Post-Qualification

20.1. Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the **BDS**.

21. Signing of the Contract

21.1. The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 shall form part of the Contract. Additional Contract documents are indicated in the **BDS**.

Section III. Bid Data Sheet

ITB Clause				
5.3	For this purpose, contracts similar to the Project shall be the supply and delivery of similar goods comprising the Project.			
7.1	No further instructions.			
12	The price of the Goods shall be quoted DDP Tarlac City, Philippines or the applicable International Commercial Terms (INCOTERMS) for this Project.			
14.1	 The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts: a. The amount of not less than two percent (2 %) of ABC, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or b. The amount of not less than five percent (5 %) of ABC if bid security is in Surety Bond. 			
19.3	The ABC for the project is ₱ 14,802,000.00			
20.2	No further requirements.			
21.2	No further requirements.			

Section IV. General Conditions of Contract

1. Scope of Contract

This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

This is without prejudice to Sections 74.1 and 74.2 of the 2016 revised IRR of RA No. 9184 allowing the GPPB to amend the IRR, which shall be applied to all procurement activities, the advertisement, posting, or invitation of which were issued after the effectivity of the said amendment.

Additional requirements for the completion of this Contract shall be provided in the **Special Conditions of Contract (SCC).**

2. Advance Payment and Terms of Payment

- 2.1. Advance payment of the contract amount is provided under Annex "D" of the revised 2016 IRR of RA No. 9184.
- 2.2. The Procuring Entity is allowed to determine the terms of payment on the partial or staggered delivery of the Goods procured, provided such partial payment shall correspond to the value of the goods delivered and accepted in accordance with prevailing accounting and auditing rules and regulations. The terms of payment are indicated in the **SCC**.

3. Performance Security

Within ten (10) calendar days from receipt of the Notice of Award by the Bidder from the Procuring Entity but in no case later than prior to the signing of the Contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR of RA No. 9184

4. Inspection and Tests

The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Project specifications at no extra cost to the Procuring Entity in accordance with the Generic Procurement Manual. In addition to tests in the **SCC**, **Section IV. Technical Specifications** shall specify what inspections and/or tests the Procuring Entity requires, and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.

All reasonable facilities and assistance for the inspection and testing of Goods, including access to drawings and production data, shall be provided by the Supplier to the authorized inspectors at no charge to the Procuring Entity.

5. Warranty

- 6.1. In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier as provided under Section 62.1 of the 2016 revised IRR of RA No. 9184.
- 6.2. The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, repair or replace the

defective Goods or parts thereof without cost to the Procuring Entity, pursuant to the Generic Procurement Manual.

6. Liability of the Supplier

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

If the Supplier is a joint venture, all partners to the joint venture shall be jointly and severally liable to the Procuring Entity.

Section V. Special Conditions of Contract

GCC Clause				
1	Delivery and Documents –			
	For purposes of the Contract, "EXW," "FOB," "FCA," "CIF," "CIP," "DDP" and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:			
	The delivery terms applicable to this Contract are delivered to Tarlac State University, Romulo Blvd., San Vicente, Tarlac City. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their destination."			
	Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI. Schedule of Requirements.			
	Packaging –			
	The Supplier shall provide such packaging of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.			
	The packaging, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified below, and in any subsequent instructions ordered by the Procuring Entity.			
	The outer packaging must be clearly marked on at least four (4) sides as follows:			
	Name of the Procuring Entity Name of the Supplier Contract Description Final Destination Gross weight Any special lifting instructions Any special handling instructions Any relevant HAZCHEM classifications			
	A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.			
	Transportation –			
	Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.			

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	Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.
	Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure.
	The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.
	Intellectual Property Rights –
	The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.
4	The inspections and tests that will be conducted are: visual and sensory inspection and test.

Section VI. Schedule of Requirements

The delivery date for the Goods covered by the Contract shall be within sixty (60) calendar days upon receipt of the Notice to Proceed.

Section VII. Technical Specifications

Item No.	Description					
1.	PORTABLE VIDEO CONFERENCING SET					
	Camera Specs:					
	T Field of view Horizontal: 180° / Vertical: 54° Number of cameras: 3 Supported resolutions: Panoramic-4K: 3840 x 1080 @ 30fps / 1080 Full HD: 1920 x 1080 @ 30fps / 720p HD: 1280 x 720 @ 30fps Zoom: Up to 6x lossless digital zoom at 720p Electronic Pan-Tilt-Zoom (ePTZ): Yes Adjustable field of view: Choose between 90°, 120°, 140° and 180° Image control: Brightness, contrast, saturation, sharpness and white balance					
	Connectivity: USB-C Certifications and compliance: Microsoft Teams, Zoom works with all leading UC platforms					
	Speakerphone: Microphone range: Up to 2.3m Wireless range: Up to 30m / 98ft (between speakerphone and BT adapter) Up to 10m / 32ft (between speakerphone and smartphone/tablet) Full duplex audio: Yes Noise reduction: Yes Acoustic echo cancellation (AEC): Yes Speaker and microphone frequency range – Conference mode: USB mode & Bluetooth mode 150Hz to 7KHz					
	Talk time: Up to 11 hours Connectivity USB-A, Bluetooth					
	USB cable length: 0.9m / 3ft Certifications and compliance: Microsoft Teams, works with all leading UC platforms					
	Included Accessories: Travel Case same with the brand					
	Warranty: 2 years warranty for camera and speakerphone set					
2.	MULTIFUNCTION COLORED PRINTER					
	Printer Type: Print, Scan, Copy, Fax with ADF Print Method: On-demand inkjet					
	(Piezoelectric) Nozzle Configuration: 180 x 1 nozzles Black, 59 x 1 nozzles per Colour (Cyan, Magenta, Yellow) Maximum Resolution: 5760 x 1440 dpi Print					
	Speed: Photo Default - 10 x 15 cm / 4 x 6 ": Approx. 69 sec per photo (Border) sec per photo (Borderless) Draft, A4 (Black / Colour): Up to 33 ppm / 15 ppm ISO 24734, A4 Simplex (Black / Colour): Up to 10 ipm / 5.0 ipm					
	Maximum Copies from Standalone: 99 copies Maximum Copy Resolution: 600 600 dpi Maximum Copy Size: Legal					
	Scanner Type: Flatbed colour image scanner Sensor Type: CIS					
	Optical Resolution: 1200 x 2400 dpiMaximum Scan Area: 216 x 297 mm Scanne Bit Depth (Colour): 48-bit input, 24-bit output					
	Scanner Bit Depth (Grayscale): 16-bit input, 8-bit output					
	Scanner Bit Depth (Black & White): 16-bit input, 1-bit output					
	Scan Speed (Flatbed / ADF (Simplex)): 200dpi, Black: 12 sec / Up to 4.5 ipm 200dpi, Colour: 29 sec / Up to 4.5 ipm Paper Capacity: 30 pages (A4), 10 pages (Legal) Number of Paper Trays: 1 Maximum Paper Size: 215.9 x 1200 mm Paper					
	Size: Legal (8.5 x 14"), Indian-Legal (215 x 345 mm), 8.5 x 13", Letter, A4, 16K (195 x 270 mm), B5, A5, B6, A6, Hagaki (100 x 148 mm), 5 x 7", 5 x 8", 4 x 6",					
	Envelopes: #10, DL, C6 Print Margin: 0 mm top, left, right, bottom via custom settings in printer driver					
2	Warranty: 2 years Manufacture Warranty					
3.	DESKTOP FOR LABORATORY Processor: Intel i5 12th Gen or latest equivalent					
	OS: Pre-loaded OEM Windows 11 Pro 64bit English (Genuine Microsoft OS Media					
	Kit CD Included, DVD or Flashdrive from OEM, or document proof of OS genuity)					
	Memory: Total 16 GB, 2X8GB DDR4					
	Storage: 512GB SSD Graphics: 6GB of Video Memory, 192-bit interface width Ports: at least 1 RJ-45 port 10/100/1000 Mbps (rear)					
	at least 6 USB Ports (USB 2.0/3.0) Ports (front and rear) 1 Universal Audio Jack (front) 1 Line-out re-tasking Line-in audio port (rear)					

	with Display Output ports (rear) Display: atleast 21" IPS Display, 1920x1080
	Resolution (same brand as system unit and compatible to the unit's primary display
	output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with
	system unit)
	Form Factor: Small Form Factor Warranty: 5-year warranty on all parts and labor
	for Desktop Computer Set. Onsite Repair or Item replacement is delivered by the
	manufacturer's authorized in-region or local technical support engineer.
	Uninterrupted Power Supply
	Rated power in W : 650 W Rated power in VA : 1200 VA Input Connection Type
	: IEC 60320 C14 Output connection : 4 x universal, 1 x IEC 60320 C13 Battery
	type : Lead-acid battery Mounting support Floor Network frequency 50/60 Hz +/-
	5 Hz auto-sensing Input voltage limits 140 to 300 V 230 V AC Output frequency
	50/60 Hz +/- 1 Hz sync to main UPS type Line interactive Wave type : Stepped
	approximation to a sinewave IP degree of protection : IP20 Battery voltage : 12 V
	Battery capacity 9.0 Ah Battery life 2 to 3 year(s) Surge energy rate 273 : J Mercury
	free : Yes Warranty : 2 years Local Supplier Warranty on UPS
4.	DESKTOP COMPUTER FOR CAD LABORATORY
	Processor: Intel core i7 12th gen or latest equivalent
	OS: Genuine / Original Windows 11 Pro 64bit English (Original OS Recovery USB
	Kit by the Manufacturer Included) : Pre-loaded OEM Windows 11 Pro 64bit
	English (Genuine Microsoft OS Media Kit CD Included, DVD or Flashdrive from
	OEM, or document proof of OS genuity) Memory: 16 GB, 2x8 GB, DDR4-2666
	MHz Storage: 512GB NVMe Solid State Drive
	Video Card: Cores: 5,888, Boost Clock 2.48Ghz, Base Clock 1.92Ghz, Standard
	Memory Config: 12GB GDDR6X, Memory Interface Width: 192-bit Ports: 4
	USB 2.0 Type A (2 Front / 2 Rear) 5 USB 3.1 Type A (5Gb) (1 Front / 4 Rear) 1
	Front USB 3.1 Type C^{TM} (10Gb), data only
	1 Front Universal Audio Jack 1 Front Internal SD Card reader (Optional) 2 Rear
	PS2 2 Rear Display Port
	1 Rear Optional Port (VGA, HMDI 2.0, DP++ 1.2, Type C [™] w/DP-Alt mode) 1
	Rear RJ45 Network Connector
	1 Rear Serial 1 Rear Audio Line out Display: at least 21" IPS Display, 1920x1080
	Resolution (same brand as system unit and compatible to the unit's display output
	port)
	Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit)
	Form Factor: Small Form Factor
	Warranty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite
	Repair or Item replacement is delivered by the manufacturer's authorized in-region
	or local technical support engineer.
	Uninterrupted Power Supply
	Rated power in W : 650 W
	Rated power in VA : 1200 VA
	Input Connection Type : IEC 60320 C14
	Output connection : 4 x universal, 1 x IEC 60320 C13
	Battery type : Lead-acid battery
	Mounting support Floor
	Network frequency 50/60 Hz +/- 5 Hz auto-sensing
	Input voltage limits 140 to 300 V 230 V AC
	Output frequency $50/60 \text{ Hz} +/-1 \text{ Hz sync to mains}$
	UPS type Line interactive
	Wave type : Stepped approximation to a sinewave
	IP degree of protection : IP20 Battery voltage : 12 V Battery capacity 9.0 Ah
	Battery life 2 to 3 year(s)
	Surge energy rate 273 : J Mercury free : Yes
	Warranty : 2 years Local Supplier Warranty on UPS
5.	ETHERNET, Module for Core Switch
	Aruba 24-port 10/100/1000BASE-T MACsec v3 zl2 Module
	(J9987A)

	To be used with existing HP Aruba Core Switch					
	Product Type : Expansion Module					
	Maximum Data Transfer Rate : 1 Gbit/s					
	Ethernet Technology : Gigabit Ethernet					
	Number of Ports : 24 x RJ-45 1000Base-T LAN					
	Connector Type : RJ-45					
	Warranty : Limited Lifetime Manufacturer Warranty					
6.	HIGH PERFORMANCE DESKTOP COMPUTER					
0.	Processor: Intel Core i7 12th Generation or latest equivalent					
	Memory: Total of 16GB, 2x8GB DDR4 Memory Storage: 1 TB NVME SSD					
	Graphics: Dedicated Graphics Card, Boost Clock: 2.46Ghz, Standard Memory					
	Config: 8GB GDDR6, Memory Interface Width 128-bit OS: Genuine / Original					
	Windows 11 Pro 64bit English (Original OS Recovery USB Kit by the					
	Manufacturer Included) Connectivity: Front: 1 usb 2.0 port with PowerShare, 1					
	USB 2.0 port, 1 USB 3.2 Gen 2x2 Type-C® port, 1 universal audio Jack Rear: 3					
	USB 3.2 Gen 1 ports, 1 USB 3.2 Gen 2 port, 2 USB 2.0 ports with smart Power On					
	3 DisplayPort 1.4 Ports 1 re-tasking line-out/line-in audio port 1 RJ45 Ethernet port					
	WiFI Connectivity - Yes built-in WiFi Card					
	Display - atleast 24" Wide Screen IPS monitor, 1920 x 1080 resolution, Display					
	Position Adjusments: Height-adjustable stand (130MM), Tilt (-5° to 21°), Swivel (-					
	45° to 45°), Pivot (-90° to 90°) (same brand as system unit and compatible to the					
	unit's primary display output port)					
	Peripherals - Keyboard, Optical scroll mouse (must be same brand with system unit)					
	Warranty : 5-year warranty on all parts and labor for Desktop Computer Set. Onsite					
	Repair or Item replacement is delivered by the manufacturer's authorized in-region					
	or local technical support engineer.					
	Uninterrupted Power Supply					
	Rated power in W : 650 W Rated power in VA : 1200 VA					
	Input Connection Type : IEC 60320 C14					
	Output connection : 4 x universal, 1 x IEC 60320 C13					
	Battery type : Lead-acid battery, Mounting support Floor					
	Network frequency 50/60 Hz +/- 5 Hz auto-sensing					
	Input voltage limits 140 to 300 V 230 V AC					
	Output frequency 50/60 Hz +/- 1 Hz sync to mains					
	UPS type Line interactive					
	Wave type : Stepped approximation to a sinewave					
	IP degree of protection : IP20					
	Battery voltage : 12 V Battery capacity 9.0 Ah Battery life 2 to 3 year(s)					
	Surge energy rate 273 : J, Mercury free : Yes					
	Warranty : 2 years Local Supplier Warranty					
7.	HIGH PERFORMANCE LAPTOP					
	Processor - M2 Chip, 8-core CPU with 4 performance cores and 4 efficiency cores,					
	8-core GPU, 16-core Neural Engine					
	Memory - 8GB unified memory Storage : 256GB SSD storage Operating System :					
	MacOS Connectivity - Two thunderbolt / USB 4 ports with support for: Charging,					
	Display port, Thunderbolt 3 (up to 40Gbps), USB 4 (up to 40Gbps), USB 3.1 Gen					
	2 (up to 10 Gbps)					
	WiFi Connectivity - 802.11ax WiFi 6 Bluetooth : Bluetooth 5.3					
	Display- Liquid Retina display : 13.6-inch (diagonal) LED-backlit display with IPS					
	technology, 2560-by-1664 native resolution at 224 pixels per inch, 500 nits					
	brightness Camera: 1080p FaceTime HD camera, Advance image signal processor					
	with computational video					
	Peripherals : Wireless Rechargeable magic mouse, Carrying bag					
	Warranty - with protection plan 2 years, repair or replacement coverage, both parts					
	and labour, from authorized technicians or service centers					
8	NETWORK ATTACHED STORAGE, 8TB Network Attached Storage					
	CPU : 4-core 2.0 GHz, burst up to 2.7 GHz					

r	
	Hardware encryption engine : Yes (AES-NI) Memory : 4 GB DDR4 onboard
	Compatible drive type • 4 x 3.5" or 2.5" SATA HDD/SSD (drives not included) • 2
	x M.2 2280 NVMe SSD (drives not included)
	Hot swappable drive : Yes External port • 2 x USB 3.0 port • 1 x eSATA port LAN
	: 2 x Gigabit (RJ-45) Wake on LAN/WAN : Yes Scheduled power on/off : Yes
	System fan: 2 (92 x 92 x 25 mm) Warranty : 3 years manufacture warranty for
	diskstation Network-Attached Storage Hard Drive Recording Technology : SMR
	Interface : SATA 6 Gb/s Formatted Capacity : 4TB Form Factor : 3.5 inch Interface
	Transfer Rate : up to 180 MB/s Cache (MB) : 256 Performance Class : 5400 RPM
	Class Warranty : 3 years manufacture warranty for Hard Drive
9.	OFFICE COMPUTER
9.	
	Processor: Intel i3 12th Gen or latest equivalent
	OS: Pre-loaded OEM Windows 11 Pro 64bit English (Genuine Microsoft OS Media
	Kit CD Included, DVD or Flashdrive from OEM, or document proof of OS genuity)
	Memory: Total 8 GB, 2X4GB DDR4
	Storage: 512GB SSD Graphics: Integrated Graphics
	Ports: at least 1 RJ-45 port 10/100/1000 Mbps (rear)
	at least 6 USB Ports (USB 2.0/3.0) Ports (front and rear) 1 Universal Audio Jack
	(front) 1 Line-out re-tasking Line-in audio port (rear)
	with Display Output ports (rear) Display: atleast 21" Wide Screen Monitor with
	LED Back Light (same brand as system unit and compatible to the unit's primary
	display output port) Peripherals: Keyboard, Optical scroll mouse (must be same
	brand with system unit) Form Factor: Small Form FactorWarranty: 5-year warranty
	on all parts and labor for Desktop Computer Set. Onsite Repair or Item replacement
	is delivered by the manufacturer's authorized in-region or local technical support
	engineer.
	Uninterrupted Power Supply
	Rated power in W : 650 W
	Rated power in VA : 1200 VA
	Input Connection Type : IEC 60320 C14
	Output connection : 4 x universal, 1 x IEC 60320 C13
	Battery type : Lead-acid battery
	Mounting support Floor
	Network frequency 50/60 Hz +/- 5 Hz auto-sensing
	Input voltage limits 140 to 300 V 230 V AC
	Output frequency 50/60 Hz +/- 1 Hz sync to mains
	UPS type Line interactive
	Wave type : Stepped approximation to a sinewave
	IP degree of protection : IP20
	Battery voltage : 12 V
	Battery capacity 9.0 Ah
	Battery life 2 to 3 year(s)
	Surge energy rate 273 : J
	Mercury free : Yes
10	Warranty : 2 years Local Supplier Warranty on UPS
10.	OFFICE LAPTOP
	Processor: AMD Ryzen 7 latest generation
	Memory : 16GB DDR4
	Graphics : Built-in Graphics
	Storage : 512GB SSD
	OS : Windows 11 64-bit, Genuine
	Display : 15.6-inch Display. 1920x1080 Resolution
	Peripherals : Carrying Bag
	Warranty: 3-year warranty on all parts and labor for Laptop. Onsite Repair or Item
	replacement is delivered by the manufacturer's authorized in-region or local
	technical support engineer.

11.	DATA CENTER UPS						
	Presentation High density, double-conversion on-line power protection with						
	scalable runtime. Lead time Usually in Stock						
	Main Input Voltage : 230 V Other Input Voltage : 220 V, 240 V						
	Main Output Voltage : 230 V Other Output Voltage : 220 V, 240 V						
	Rated power in W : 6000 W Rated power in VA 6000 VA						
	Output connection type 6 IEC 60320 C13 2 IEC Jumpers 4 IEC 60320 C19 Output						
	connector type Hard wire 3-wire (H N + E) 1 Input Connections : Single Phase:						
	Wire to L, N Output Connections : Wire to L, N Battery type: Lead-acid battery						
	Battery voltage : 192 V Battery charger power : 597 W rated Battery power in VAH						
	: 902 VAh runtime						
	Mounting position : Vertical Form Factor : Tower Type Network frequency : 4070						
	Hz auto-sensing Number of input connectors : 1 hard wire 3 -wire $(1P + N + E)$ Input						
	voltage limits : 100275 V adjustable (half load) Maximum configurable power in						
	W : 6000 W						
	Harmonic distortion : Less than 2 % Output frequency : 50/60 Hz +/- 3 Hz sync to						
	mains Crest factor : 3 : 1 UPS type : Double conversion online Wave type : Sine						
	wave Bypass type : Internal bypass (automatic and manual) Maximum configurable						
	power in VA : 6000 VA Emergency power off: Yes						
	Surge energy rate : 480 J						
	Sustainable offer status : Green Premium product						
	REACh Regulation REACh Declaration						
	EU RoHS Directive Compliant						
	EU RoHS Declaration						
	Mercury free Yes BoHS exemption information Yes						
	RoHS exemption information Yes Environmental Disclosure Product Environmental Profile						
	Warranty : 3 years repair or replace (excluding battery) and 2 years for battery						

Note: Bidders must state in the Statement of Compliance either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provision of **ITB** Clause 4.

Section VIII. Bid Documents Checklist

This Bid Documents Checklist is provided to guide the Bidder in preparing his/her bid. The checklist may be used by the Bidder to verify if the Bid includes all the prescribed documents.

The Bidder, in submitting the required documents, must use the prescribed forms found in Section X. Bidding Forms. However, should a bidder choose to use a different formatting style for a required document, the bidder must ensure that the substance in the form given in Section X for that particular document is substantially captured in the equivalent document.

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

(a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages) in accordance with Section 8.5.2 of the IRR;

Technical Documents

- (b) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; and
- (c) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents; and
- (d) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission <u>or</u> Original copy of Notarized Bid Securing Declaration; and
- (e) Conformity with the Technical Specifications, which may include production/delivery schedule, manpower requirements, and/or after-sales/parts, if applicable; and
- (f) Original duly signed Omnibus Sworn Statement (OSS) <u>and</u> if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Financial Documents

(g) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC) <u>or</u> A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

Class "B" Documents

(h) If applicable, a duly signed joint venture agreement (JVA) in case the joint venture is already in existence <u>or</u> duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

II. FINANCIAL COMPONENT ENVELOPE

- (i) Original of duly signed and accomplished Financial Bid Form; and
- (j) Original of duly signed and accomplished Price Schedule(s).

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[Date]

To: Tarlac State University Re: Invitation to Bid No.

List of All Ongoing Government and Private Contracts, Including Contracts Awarded But Not Yet Started

Row 1: Name of Contract Row 2: Location of Project Row 3: Contract Price	Row 1: Procuring Entity Row 2: Contact Person/Address Row 3: Telephone No.	Description of Goods	Row 1: Date of Award Row 2: Date Started Row 3: Contract Duration	Value of Outstanding Goods

Attached herewith are the following documents: Notice of Award, Notice to Proceed, and Official Receipts/Invoices, as evidences in support of the foregoing information.

I/We certify that the foregoing information and all of the supporting documents are true and correct.

[Signature] [Name of Bidder or Authorized Representative] [Position or Title]

[Date]

To: Tarlac State University Re: Invitation to Bid No.

Statement of Single Largest Completed Contract Similar to the Contract to be Bid

Row 1: Name of Contract Row 2: Location	Contract Price	Row 1: Procuring Entity Row 2: Address Row 3: Contact Person/Tel. No.	Description of Goods	Date of Award	Date Completed

Attached herewith are the following documents: Contract Agreement, Notice of Award, Notice to Proceed, Official Receipt/Invoice, Certificate of Final Inspection, and Certificate of Acceptance, as evidences in support of the foregoing information.

I/We certify that the foregoing information and all of the supporting documents are true and correct.

[Signature] [Name of Bidder or Authorized Representative] [Position or Title

Bid-Securing Declaration

Republic of the Philippines City/Municipality Of ______) **S.S.**

X-----X

Invitation to Bid [Insert reference number]

To: Tarlac State University

I/We, the undersigned, declare that:

- 1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid-Securing Declaration.
- 2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1 (f), of the IRR of RA 9184; without prejudice to other legal action the government may undertake.
- 3. I/We understand that this Bid-Securing Declaration shall cease to be valid on the following circumstances:
 - a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
 - b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and
 - i) I/we failed to timely file a request for reconsideration or
 - ii) I/we filed a waiver to avail of said right;
 - c. I am/we are declared as the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this _____ day of [month] [year] at [place of execution].

[Signature] [Name of Bidder's Authorized Representative [Signatory's legal capacity] Affiant **SUBSCRIBED AND SWORN** to before me this ____ day of [month] [year] at [place of execution], Philippines. Affiant/s is/are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her [insert type of government identification card used], with his/her photograph and signature appearing thereon, with no. _____.

Witness my hand and seal this ____ day of [month] [year].

[Name and Signature of Notary Public]

Serial No. of Commission _____

Notary Public for _____ until _____

Roll of Attorneys No. _____

PTR No. __, [date issued], [place issued]

IBP No. __, [date issued], [place issued]

Doc. No. ____

Page No. ____

Book No. ____

Series of ____.

[Date]

To: Tarlac State University Re: Invitation to Bid No.

Compliance to the Technical Specifications

Item No.	Description	Bidder's Compliance State "Comply" below <i>if</i> <i>your offer is complying</i> <i>with the specifications,</i> <i>otherwise state</i> "We are offering the same goods with the following specifications [State the complete specifications of the alternative offer]
1.	 PORTABLE VIDEO CONFERENCING SET Camera Specs: T Field of view Horizontal: 180° / Vertical: 54° Number of cameras: 3 Supported resolutions: Panoramic-4K: 3840 x 1080 @ 30fps / 1080 Full HD: 1920 x 1080 @ 30fps / 720p HD: 1280 x 720 @ 30fps Zoom: Up to 6x lossless digital zoom at 720p Electronic Pan-Tilt-Zoom (ePTZ): Yes Adjustable field of view: Choose between 90°, 120°, 140° and 180° Image control: Brightness, contrast, saturation, sharpness and white balance Connectivity: USB-C Certifications and compliance: Microsoft Teams, Zoom, works with all leading UC platforms Speakerphone: Microphone range: Up to 2.3m Wireless range: Up to 30m / 98ft (between speakerphone and BT adapter) Up to 10m / 32ft (between speakerphone and smartphone/tablet) Full duplex audio: Yes Noise reduction: Yes Acoustic echo cancellation (AEC): Yes Speaker and microphone frequency range – Conference mode: USB mode & Bluetooth mode 150Hz to 7KHz Talk time: Up to 11 hours Connectivity USB-A, Bluetooth USB cable length: 0.9m / 3ft Certifications and compliance: Microsoft Teams, works with all leading UC platforms Included Accessories: Travel Case same with the brand Warranty: 2 years warranty for camera and speakerphone set 	
2.	MULTIFUNCTION COLORED PRINTER Printer Type: Print, Scan, Copy, Fax with ADF Print Method: On- demand inkjet (Piezoelectric) Nozzle Configuration: 180 x 1 nozzles Black, 59 x 1 nozzles per Colour (Cyan, Magenta, Yellow) Maximum Resolution: 5760 x 1440 dpi Print Speed: Photo Default - 10 x 15 cm / 4 x 6 ": Approx. 69 sec per photo (Border) / 90 sec per photo (Borderless) Draft, A4 (Black / Colour): Up to 33 ppm / 15 ppm ISO 24734, A4 Simplex (Black / Colour): Up to 10 ipm / 5.0 ipm Maximum Copies from Standalone: 99 copies Maximum Copy Resolution: 600 x 600 dpi Maximum Copy Size: Legal Scanner Type: Flatbed colour image scanner Sensor Type: CIS Optical Resolution: 1200 x 2400 dpiMaximum Scan Area: 216 x 297 mm Scanner Bit Depth (Colour): 48-bit input, 24-bit output Scanner Bit Depth (Grayscale): 16-bit input, 8-bit output	

	Scanner Bit Depth (Black & White): 16-bit input, 1-bit output	
	Scan Speed (Flatbed / ADF (Simplex)): 200dpi, Black: 12 sec / Up	
	to 4.5 ipm 200dpi, Colour: 29 sec / Up to 4.5 ipm Paper Capacity:	
	30 pages (A4), 10 pages (Legal) Number of Paper Trays: 1	
	Maximum Paper Size: 215.9 x 1200 mm Paper Size: Legal (8.5 x	
	14"), Indian-Legal (215 x 345 mm), 8.5 x 13", Letter, A4, 16K (195	
	x 270 mm), B5, A5, B6, A6, Hagaki (100 x 148 mm), 5 x 7", 5 x	
	8", 4 x 6", Envelopes: #10, DL, C6	
	Print Margin: 0 mm top, left, right, bottom via custom settings in	
	printer driver Warranty: 2 years Manufacture Warranty	
3.	DESKTOP FOR LABORATORY	
	Processor: Intel i5 12th Gen or latest equivalent	
	OS: Pre-loaded OEM Windows 11 Pro 64bit English (Genuine	
	Microsoft OS Media Kit CD Included, DVD or Flashdrive from	
	OEM, or document proof of OS genuity) Memory: Total 16 GB,	
	2X8GB DDR4	
	Storage: 512GB SSD Graphics: 6GB of Video Memory, 192-bit	
	interface width Ports: at least 1 RJ-45 port 10/100/1000 Mbps	
	(rear)	
	at least 6 USB Ports (USB 2.0/3.0) Ports (front and rear) 1	
	Universal Audio Jack (front) 1 Line-out re-tasking Line-in audio	
	port (rear)	
	with Display Output ports (rear) Display: atleast 21" IPS Display,	
	1920x1080 Resolution (same brand as system unit and compatible	
	to the unit's primary display output port) Peripherals: Keyboard,	
	Optical scroll mouse (must be same brand with system unit)	
	Form Factor: Small Form Factor Warranty: 5-year warranty on all	
	parts and labor for Desktop Computer Set. Onsite Repair or Item	
	replacement is delivered by the manufacturer's authorized in-	
	region or local technical support engineer. Uninterrupted Power	
	Supply	
	Rated power in W : 650 W Rated power in VA : 1200 VA Input	
	Connection Type : IEC 60320 C14 Output connection : 4 x	
	universal, 1 x IEC 60320 C13 Battery type : Lead-acid battery	
	Mounting support Floor Network frequency 50/60 Hz +/- 5 Hz	
	auto-sensing Input voltage limits 140 to 300 V 230 V AC Output	
	frequency 50/60 Hz +/- 1 Hz sync to main UPS type Line	
	interactive Wave type : Stepped approximation to a sinewave IP	
	degree of protection : IP20 Battery voltage : 12 V	
	Battery capacity 9.0 Ah Battery life 2 to 3 year(s) Surge energy	
	rate 273 : J Mercury free : Yes Warranty : 2 years Local Supplier	
	Warranty on UPS	
4.	DESKTOP COMPUTER FOR CAD LABORATORY	
	Processor: Intel core i7 12th gen or latest equivalent	
	OS: Genuine / Original Windows 11 Pro 64bit English (Original	
	OS Recovery USB Kit by the Manufacturer Included) : Pre-loaded	
	OEM Windows 11 Pro 64bit English (Genuine Microsoft OS	
	Media Kit CD Included, DVD or Flashdrive from OEM, or	
	document proof of OS genuity) Memory: 16 GB, 2x8 GB, DDR4-	
	2666 MHz Storage: 512GB NVMe Solid State Drive	
	Video Card: Cores: 5,888, Boost Clock 2.48Ghz, Base Clock	
	1.92Ghz, Standard Memory Config: 12GB GDDR6X, Memory	
	Interface Width: 192-bit Ports: 4 USB 2.0 Type A (2 Front / 2	
	Rear) 5 USB 3.1 Type A (5Gb) (1 Front / 4 Rear) 1 Front USB 3.1	
	Type C [™] (10Gb), data only	
	1 Front Universal Audio Jack 1 Front Internal SD Card reader	
	(Optional) 2 Rear PS2 2 Rear Display Port	
1	1 (Optional) 2 Near 152 2 Near Display 101	1

	1 Rear Optional Port (VGA, HMDI 2.0, DP++ 1.2, Type C TM	
	w/DP-Alt mode) 1 Rear RJ45 Network Connector	
	1 Rear Serial 1 Rear Audio Line out Display: at least 21" IPS	
	Display, 1920x1080 Resolution (same brand as system unit and	
	compatible to the unit's display output port)	
	Peripherals: Keyboard, Optical scroll mouse (must be same brand	
	with system unit) Form Factor: Small Form Factor	
	Warranty: 5-year warranty on all parts and labor for Desktop	
	Computer Set. Onsite Repair or Item replacement is delivered by	
	the manufacturer's authorized in-region or local technical support	
	engineer.	
	Uninterrupted Power Supply	
	Rated power in W: 650 W	
	Rated power in VA : 1200 VA	
	Input Connection Type : IEC 60320 C14	
	Output connection : 4 x universal, 1 x IEC 60320 C13	
	Battery type : Lead-acid battery	
	Mounting support Floor	
	Network frequency 50/60 Hz +/- 5 Hz auto-sensing	
	Input voltage limits 140 to 300 V 230 V AC	
	Output frequency 50/60 Hz +/- 1 Hz sync to mains	
	UPS type Line interactive	
	Wave type : Stepped approximation to a sinewave	
	IP degree of protection : IP20 Battery voltage : 12 V Battery	
	capacity 9.0 Ah Battery life 2 to 3 year(s)	
	Surge energy rate 273 : J Mercury free : Yes	
	Warranty : 2 years Local Supplier Warranty on UPS	
5.	ETHERNET, Module for Core Switch	
5.	Aruba 24-port 10/100/1000BASE-T MACsec v3 zl2 Module	
	(J9987A)	
	To be used with existing HP Aruba Core Switch	
	Product Type : Expansion Module	
	Maximum Data Transfer Rate : 1 Gbit/s	
	Ethernet Technology : Gigabit Ethernet	
	Number of Ports : 24 x RJ-45 1000Base-T LAN	
	Connector Type : RJ-45	
	Warranty : Limited Lifetime Manufacturer Warranty	
6.	HIGH PERFORMANCE DESKTOP COMPUTER	
	Processor: Intel Core i7 12th Generation or latest equivalent	
	Memory: Total of 16GB, 2x8GB DDR4 Memory Storage: 1 TB	
	NVME SSD Graphics: Dedicated Graphics Card, Boost Clock:	
	2.46Ghz, Standard Memory Config: 8GB GDDR6, Memory	
	Interface Width 128-bit OS: Genuine / Original Windows 11 Pro	
	64bit English (Original OS Recovery USB Kit by the	
	Manufacturer Included) Connectivity: Front: 1 usb 2.0 port with	
	PowerShare, 1 USB 2.0 port, 1 USB 3.2 Gen 2x2 Type-C® port, 1	
	universal audio Jack Rear: 3 USB 3.2 Gen 1 ports, 1 USB 3.2 Gen	
	2 port, 2 USB 2.0 ports with smart Power On 3 DisplayPort 1.4	
	Ports 1 re-tasking line-out/line-in audio port 1 RJ45 Ethernet port	
	WiFI Connectivity - Yes built-in WiFi Card	
	Display - atleast 24" Wide Screen IPS monitor, 1920 x 1080	
	resolution, Display Position Adjusments: Height-adjustable stand	
	(130MM), Tilt (-5° to 21°), Swivel (-45° to 45°), Pivot (-90° to	
	(1501111), find (5021) , switch (15010) , (15010)	
	primary display output port)	
	Peripherals - Keyboard, Optical scroll mouse (must be same brand	
	with system unit) Warranty : 5-year warranty on all parts and labor	
	for Desktop Computer Set. Onsite Repair or Item replacement is	

	delivered by the manufacturer's authorized in-region or local	
	technical support engineer.	
	Uninterrupted Power Supply	
	Rated power in W : 650 W Rated power in VA : 1200 VA	
	Input Connection Type : IEC 60320 C14	
	Output connection : 4 x universal, 1 x IEC 60320 C13	
	Battery type : Lead-acid battery , Mounting support Floor	
	Network frequency $50/60$ Hz $+/- 5$ Hz auto-sensing	
	Input voltage limits 140 to 300 V 230 V AC	
	Output frequency 50/60 Hz +/- 1 Hz sync to mains	
	UPS type Line interactive	
	Wave type : Stepped approximation to a sinewave	
	IP degree of protection : IP20	
	Battery voltage : 12 V Battery capacity 9.0 Ah Battery life 2 to 3	
	year(s)	
	Surge energy rate 273 : J, Mercury free : Yes	
	Warranty : 2 years Local Supplier Warranty	
7.	HIGH PERFORMANCE LAPTOP	
	Processor - M2 Chip, 8-core CPU with 4 performance cores and 4	
	efficiency cores, 8-core GPU, 16-core Neural Engine	
	Memory - 8GB unified memory Storage : 256GB SSD storage	
	Operating System : MacOS Connectivity - Two thunderbolt / USB	
	4 ports with support for: Charging, Display port, Thunderbolt 3 (up	
	to 40Gbps), USB 4 (up to 40Gbps), USB 3.1 Gen 2 (up to 10 Gbps)	
	WiFi Connectivity - 802.11ax WiFi 6 Bluetooth : Bluetooth 5.3	
	Display- Liquid Retina display : 13.6-inch (diagonal) LED-backlit	
	display with IPS technology, 2560-by-1664 native resolution at	
	224 pixels per inch, 500 nits brightness Camera: 1080p FaceTime	
	HD camera, Advance image signal processor with computational	
	video	
	Peripherals : Wireless Rechargeable magic mouse, Carrying bag	
	Warranty - with protection plan 2 years, repair or replacement	
	coverage, both parts and labour, from authorized technicians or	
	service centers	
8	NETWORK ATTACHED STORAGE, 8TB Network Attached	
	Storage	
	CPU : 4-core 2.0 GHz, burst up to 2.7 GHz	
	Hardware encryption engine : Yes (AES-NI) Memory : 4 GB	
	DDR4 onboard Compatible drive type • 4 x 3.5" or 2.5" SATA	
	HDD/SSD (drives not included) • 2 x M.2 2280 NVMe SSD	
	(drives not included)	
	Hot swappable drive : Yes External port • 2 x USB 3.0 port • 1 x	
	eSATA port LAN : 2 x Gigabit (RJ-45) Wake on LAN/WAN :	
	Yes Scheduled power on/off : Yes System fan: 2 (92 x 92 x 25	
	mm) Warranty : 3 years manufacture warranty for diskstation	
	Network-Attached Storage Hard Drive Recording Technology :	
	SMR Interface : SATA 6 Gb/s Formatted Capacity : 4TB Form	
	Factor : 3.5 inch Interface Transfer Rate : up to 180 MB/s Cache	
	(MB) : 256 Performance Class : 5400 RPM Class Warranty : 3	
	years manufacture warranty for Hard Drive	
9.	OFFICE COMPUTER	
	Processor: Intel i3 12th Gen or latest equivalent	
	OS: Pre-loaded OEM Windows 11 Pro 64bit English (Genuine	
	Microsoft OS Media Kit CD Included, DVD or Flashdrive from	
	OEM, or document proof of OS genuity) Memory: Total 8 GB,	
	2X4GB DDR4	
	Storage: 512GB SSD Graphics: Integrated Graphics	
	Ports: at least 1 RJ-45 port 10/100/1000 Mbps (rear)	
1	r	

	at least 6 USB Ports (USB 2.0/3.0) Ports (front and rear) 1	
	Universal Audio Jack (front) 1 Line-out re-tasking Line-in audio	
	port (rear)	
	with Display Output ports (rear) Display: atleast 21" Wide Screen	
	Monitor with LED Back Light (same brand as system unit and	
	compatible to the unit's primary display output port) Peripherals:	
	Keyboard, Optical scroll mouse (must be same brand with system	
	unit) Form Factor: Small Form FactorWarranty: 5-year warranty	
	on all parts and labor for Desktop Computer Set. Onsite Repair or	
	Item replacement is delivered by the manufacturer's authorized in-	
	region or local technical support engineer.	
	Uninterrupted Power Supply	
	Rated power in W : 650 W	
	Rated power in VA : 1200 VA	
	Input Connection Type : IEC 60320 C14	
	Output connection : 4 x universal, 1 x IEC 60320 C13	
	Battery type : Lead-acid battery	
	5 51	
	Mounting support Floor	
	Network frequency 50/60 Hz +/- 5 Hz auto-sensing	
	Input voltage limits 140 to 300 V 230 V AC	
	Output frequency 50/60 Hz +/- 1 Hz sync to mains	
	UPS type Line interactive	
	Wave type : Stepped approximation to a sinewave	
	IP degree of protection : IP20	
	Battery voltage : 12 V	
	Battery capacity 9.0 Ah	
	Battery life 2 to 3 year(s)	
	Surge energy rate 273 : J	
	Mercury free : Yes	
	Warranty : 2 years Local Supplier Warranty on UPS	
10.	OFFICE LAPTOP	
	Processor: AMD Ryzen 7 latest generation	
	Memory : 16GB DDR4	
	Graphics : Built-in Graphics	
	Storage : 512GB SSD	
	OS : Windows 11 64-bit, Genuine	
	Display : 15.6-inch Display. 1920x1080 Resolution	
	Peripherals : Carrying Bag	
	Warranty: 3-year warranty on all parts and labor for Laptop. Onsite	
	Repair or Item replacement is delivered by the manufacturer's	
	authorized in-region or local technical support engineer.	
11.	DATA CENTER UPS	
	Presentation High density, double-conversion on-line power	
	protection with scalable runtime. Lead time Usually in Stock	
	Main Input Voltage : 230 V Other Input Voltage : 220 V, 240 V	
	Main Output Voltage : 230 V Other Output Voltage : 220 V, 240	
	V	
	Rated power in W: 6000 W Rated power in VA 6000 VA	
	Output connection type 6 IEC 60320 C13 2 IEC Jumpers 4 IEC	
	60320 C19 Output connector type Hard wire 3-wire (H N + E) 1	
	Input Connections : Single Phase: Wire to L, N Output	
	Connections : Wire to L, N Battery type: Lead-acid battery Battery	
	voltage : 192 V Battery charger power : 597 W rated Battery power	
	in VAH : 902 VAh runtime	
	Mounting position : Vertical Form Factor : Tower Type Network	
	frequency : 4070 Hz auto-sensing Number of input connectors :	
L		

	1
1 hard wire 3-wire $(1P + N + E)$ Input voltage limits : 100275 V	
adjustable (half load) Maximum configurable power in W : 6000	
W	
Harmonic distortion : Less than 2 % Output frequency : 50/60 Hz	
+/- 3 Hz sync to mains Crest factor : 3 : 1 UPS type : Double	
conversion online Wave type : Sine wave Bypass type : Internal	
bypass (automatic and manual) Maximum configurable power in	
VA : 6000 VA Emergency power off: Yes	
Surge energy rate : 480 J	
Sustainable offer status : Green Premium product	
REACh Regulation REACh Declaration	
EU RoHS Directive Compliant	
EU RoHS Declaration	
Mercury free Yes	
RoHS exemption information Yes	
Environmental Disclosure Product Environmental Profile	
Warranty : 3 years repair or replace (excluding battery) and 2 years	
for battery	

Attached herewith are the manufacturer's product literature(s) and certification(s) that we are authorized to sell the goods.

We certify that the foregoing information and the supporting documents are true and correct.

[Signature] [Name of Authorized Signatory] [Position/Title of Authorized Signatory]

REPUBLIC OF THE PHILIPPINES) CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

I, [*Name of Affiant*], of legal age, [*Civil Status*], [*Nationality*], and residing at [*Address of Affiant*], after having been duly sworn in accordance with law, do hereby depose and state that:

1. Select one, delete the other:

- b. *If a sole proprietorship:* I am the sole proprietor or authorized representative of *[Name of Bidder]* with office address at *[address of Bidder]*;
- c. *If a partnership, corporation, cooperative, or joint venture:* I am the duly authorized and designated representative of *[Name of Bidder]* with office address at *[address of Bidder]*;

2. Select one, delete the other:

- a. If a sole proprietorship: As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney;
- b. *If a partnership, corporation, cooperative, or joint venture:* I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for *[Name of the Project]* of the *[Name of the Procuring Entity]*, as shown in the attached *[state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable;)];*
- 3. *[Name of Bidder]* is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;
- 4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
- 5. *[Name of Bidder]* is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;
- 6. Select one, delete the rest:
 - a. *If a sole proprietorship:* The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;
 - b. *If a partnership or cooperative:* None of the officers and members of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of

the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

- c. *If a corporation or joint venture:* None of the officers, directors, and controlling stockholders of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;
- 7. [Name of Bidder] complies with existing labor laws and standards; and
- 8. [Name of Bidder] is aware of and has undertaken the following responsibilities as a Bidder:
 - a. Carefully examine all of the Bidding Documents;
 - b. Acknowledge all conditions, local or otherwise, affecting the implementation of the Contract;
 - c. Made an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d. Inquire or secure Supplemental/Bid Bulletin(s) issued for the [Name of the Project].
- 9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
- 10. In case advance payment was made or given, failure to perform or deliver any of obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to delivery certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.

IN WITNESS WHEREOF, I have hereunto set my hand this ____ day of ____, 20___ at _____, Philippines.

Bidder's Representative/Authorized Signatory

SUBSCRIBED AND SWORN to before me this ____ day of [month] [year] at [place of execution], Philippines. Affiant/s is/are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her [insert type of government identification card used], with his/her photograph and signature appearing thereon, with no. _____ and his/her Community Tax Certificate No. _____ issued on _____ at ____.

Witness my hand and seal this <u>day of [month] [year]</u>.

NAME OF NOTARY PUBLIC

Serial No. of Commission	
Notary Public for	_until
Roll of Attorneys No.	
PTR No [date iss	ued], [place issued]
IBP No [date iss	ued], [place issued]

Doc. No. _____ Page No. _____ Book No. _____ Series of _____

[Date]

To: Tarlac State University Re: Invitation to Bid No.

NET FINANCIAL CONTRACTING CAPACITY

Based on our Income Tax Return and Audited Financial Statement for the Fiscal Year [*YEAR*], duly submitted to the Bureau of Internal Revenue, and which form part of our Bid, the summary of our firm's financial condition is as given below:

		Year [YEAR]
1.	Total Assets	
2.	Current Assets	
3.	Total Liabilities	
4.	Current Liabilities	
5.	Net Worth (1-3)	
6.	Net Working Capital (2-4)	

Based on the aforementioned data and the Value of Outstanding Works from the Statement of All Ongoing Government and Private Contracts, which also form part of our Bid, our Net Financial Contracting Capacity (NFCC) is:

NFCC = [(current asset minus current liabilities) (<u>15</u>)] minus [value of all outstanding or uncompleted portions of the projects under ongoing contracts including awarded contracts yet to be started coinciding with the contract to be bid].

NFCC =

I/We certify that the foregoing information and all of the supporting documents are true and correct.

[Signature] [Name of Bidder or Authorized Representative] [Position or Title]

[Date]

FINANCIAL BID FORM

To: Tarlac State University Re: Invitation to Bid No.

Having examined the Bidding Documents [*insert if any or delete, if none:* including Bid Bulletin Numbers [*insert numbers*], the receipt of which is hereby duly acknowledged], we, the undersigned, offer to [*supply/deliver/perform*] [*description of the Goods*] in conformity with the said Bidding Documents for the sum of [*total Bid amount in words and figures*] or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid.

If our Bid is accepted, we commit to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

If our Bid is accepted, we undertake to provide a performance security in the form, amounts, and within the times specified in the Bidding Documents.

We agree to abide by this Bid for the Bid Validity Period specified in **ITB** Clause 14.2 and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your Notice of Award, shall be binding upon us.

We understand that you are not bound to accept the Lowest Calculated Bid or any Bid you may receive.

We certify/confirm that we comply with the eligibility requirements as per **ITB** Clause 5 of the Bidding Documents.

We likewise certify/confirm that the undersigned, [for sole proprietorships, insert: as the owner and sole proprietor or authorized representative of [Bidder], has the full power and authority to participate, submit the bid, and to sign and execute the ensuing contract, on the latter's behalf for the [Name of Project] of the Tarlac State University] [for partnerships, corporations, cooperatives, or joint ventures, insert: is granted full power and authority by the [Bidder], to participate, submit the bid, and to sign and execute the ensuing contract on the latter's behalf for [Name of Project] of the Tarlac State University.

We acknowledge that failure to sign each and every page of this Financial Bid Form, including the attached Schedule of Prices, shall be a ground for the rejection of our bid.

Dated this ______ day of ______ 20____.

[signature]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of _____

[Date]

To: Tarlac State University Re: Invitation to Bid No.

SCHEDULE OF PRICES

Item No.	Description	Qty.	Unit	Unit Price	Total Price
1.	 PORTABLE VIDEO CONFERENCING SET Camera Specs: T Field of view Horizontal: 180° / Vertical: 54° Number of cameras: 3 Supported resolutions: Panoramic-4K: 3840 x 1080 @ 30fps / 1080 Full HD: 1920 x 1080 @ 30fps / 720p HD: 1280 x 720 @ 30fps Zoom: Up to 6x lossless digital zoom at 720p Electronic Pan-Tilt-Zoom (ePTZ): Yes Adjustable field of view: Choose between 90°, 120°, 140° and 180° Image control: Brightness, contrast, saturation, sharpness and white balance Connectivity: USB-C Certifications and compliance: Microsoft Teams, Zoom, works with all leading UC platforms Speakerphone: Microphone range: Up to 2.3m Wireless range: Up to 30m / 98ft (between speakerphone and BT adapter) Up to 10m / 32ft (between speakerphone and smartphone/tablet) Full duplex audio: Yes Noise reduction: Yes Acoustic echo cancellation (AEC): Yes Speaker and microphone frequency range – Conference mode: USB mode & Bluetooth mode 150Hz to 7KHz Talk time: Up to 11 hours Connectivity USB-A, Bluetooth USB cable length: 0.9m / 3ft Certifications and compliance: Microsoft Teams, works with all leading UC platforms Included Accessories: Travel Case same with the brand Warranty: 2 years warranty for camera and 	1	set		
2.	speakerphone set MULTIFUNCTION COLORED PRINTER Printer Type: Print, Scan, Copy, Fax with ADF Print Method: On-demand inkjet (Piezoelectric) Nozzle Configuration: 180 x 1 nozzles Black, 59 x 1 nozzles per Colour (Cyan, Magenta, Yellow) Maximum Resolution: 5760 x 1440 dpi Print Speed: Photo Default - 10 x 15 cm / 4 x 6 ": Approx. 69 sec per photo (Border) / 90 sec per photo (Borderless) Draft, A4 (Black / Colour): Up to 33 ppm / 15 ppm ISO 24734, A4 Simplex (Black / Colour): Up to 10 ipm / 5.0 ipm	1	unit		

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	Maximum Copies from Standalone: 99 copies				
	Maximum Copy Resolution: 600 x 600 dpi Maximum				
	Copy Size: Legal				
	Scanner Type: Flatbed colour image scanner Sensor				
	Type: CIS				
	Optical Resolution: 1200 x 2400 dpiMaximum Scan				
	-				
	Area: 216 x 297 mm Scanner Bit Depth (Colour): 48-				
	bit input, 24-bit output				
	Scanner Bit Depth (Grayscale): 16-bit input, 8-bit				
	output				
	Scanner Bit Depth (Black & White): 16-bit input, 1-				
	bit output				
	Scan Speed (Flatbed / ADF (Simplex)): 200dpi,				
	Black: 12 sec / Up to 4.5 ipm 200dpi, Colour: 29 sec				
	/ Up to 4.5 ipm Paper Capacity: 30 pages (A4), 10				
	pages (Legal) Number of Paper Trays: 1 Maximum				
	Paper Size: 215.9 x 1200 mm Paper Size: Legal (8.5				
	x 14"), Indian-Legal (215 x 345 mm), 8.5 x 13",				
	Letter, A4, 16K (195 x 270 mm), B5, A5, B6, A6,				
	Hagaki (100 x 148 mm), 5 x 7", 5 x 8", 4 x 6",				
	Envelopes: #10, DL, C6				
	Print Margin: 0 mm top, left, right, bottom via				
	custom settings in printer driver Warranty: 2 years				
	Manufacture Warranty				
3.	DESKTOP FOR LABORATORY	30	set		
	Processor: Intel i5 12th Gen or latest equivalent				
	OS: Pre-loaded OEM Windows 11 Pro 64bit English				
	6				
	(Genuine Microsoft OS Media Kit CD Included,				
	DVD or Flashdrive from OEM, or document proof of				
	OS genuity) Memory: Total 16 GB, 2X8GB DDR4				
	Storage: 512GB SSD Graphics: 6GB of Video				
	Memory, 192-bit interface width Ports: at least 1 RJ-				
	45 port 10/100/1000 Mbps (rear)				
	at least 6 USB Ports (USB 2.0/3.0) Ports (front and				
	rear) 1 Universal Audio Jack (front) 1 Line-out re-				
	tasking Line-in audio port (rear)				
	with Display Output ports (rear) Display: atleast 21"				
	IPS Display, 1920x1080 Resolution (same brand as	1			
	system unit and compatible to the unit's primary				
	system unit and compatible to the unit's primary display output port) Peripherals: Keyboard, Optical				
	system unit and compatible to the unit's primary display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit)				
	system unit and compatible to the unit's primary display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor Warranty: 5-year				
	system unit and compatible to the unit's primary display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor Warranty: 5-year warranty on all parts and labor for Desktop Computer				
	system unit and compatible to the unit's primary display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor Warranty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite Repair or Item replacement is delivered				
	system unit and compatible to the unit's primary display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor Warranty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite Repair or Item replacement is delivered by the manufacturer's authorized in-region or local				
	system unit and compatible to the unit's primary display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor Warranty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite Repair or Item replacement is delivered				
	system unit and compatible to the unit's primary display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor Warranty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite Repair or Item replacement is delivered by the manufacturer's authorized in-region or local				
	system unit and compatible to the unit's primary display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor Warranty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite Repair or Item replacement is delivered by the manufacturer's authorized in-region or local technical support engineer. Uninterrupted Power Supply				
	system unit and compatible to the unit's primary display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor Warranty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite Repair or Item replacement is delivered by the manufacturer's authorized in-region or local technical support engineer. Uninterrupted Power Supply Rated power in W : 650 W Rated power in VA : 1200				
	system unit and compatible to the unit's primary display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor Warranty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite Repair or Item replacement is delivered by the manufacturer's authorized in-region or local technical support engineer. Uninterrupted Power Supply Rated power in W : 650 W Rated power in VA : 1200 VA Input Connection Type : IEC 60320 C14 Output				
	system unit and compatible to the unit's primary display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor Warranty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite Repair or Item replacement is delivered by the manufacturer's authorized in-region or local technical support engineer. Uninterrupted Power Supply Rated power in W : 650 W Rated power in VA : 1200 VA Input Connection Type : IEC 60320 C14 Output connection : 4 x universal, 1 x IEC 60320 C13 Battery				
	system unit and compatible to the unit's primary display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor Warranty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite Repair or Item replacement is delivered by the manufacturer's authorized in-region or local technical support engineer. Uninterrupted Power Supply Rated power in W : 650 W Rated power in VA : 1200 VA Input Connection Type : IEC 60320 C14 Output connection : 4 x universal, 1 x IEC 60320 C13 Battery type : Lead-acid battery Mounting support Floor				
	system unit and compatible to the unit's primary display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor Warranty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite Repair or Item replacement is delivered by the manufacturer's authorized in-region or local technical support engineer. Uninterrupted Power Supply Rated power in W : 650 W Rated power in VA : 1200 VA Input Connection Type : IEC 60320 C14 Output connection : 4 x universal, 1 x IEC 60320 C13 Battery type : Lead-acid battery Mounting support Floor Network frequency 50/60 Hz +/- 5 Hz auto-sensing				
	system unit and compatible to the unit's primary display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor Warranty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite Repair or Item replacement is delivered by the manufacturer's authorized in-region or local technical support engineer. Uninterrupted Power Supply Rated power in W : 650 W Rated power in VA : 1200 VA Input Connection Type : IEC 60320 C14 Output connection : 4 x universal, 1 x IEC 60320 C13 Battery type : Lead-acid battery Mounting support Floor				
	system unit and compatible to the unit's primary display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor Warranty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite Repair or Item replacement is delivered by the manufacturer's authorized in-region or local technical support engineer. Uninterrupted Power Supply Rated power in W : 650 W Rated power in VA : 1200 VA Input Connection Type : IEC 60320 C14 Output connection : 4 x universal, 1 x IEC 60320 C13 Battery type : Lead-acid battery Mounting support Floor Network frequency 50/60 Hz +/- 5 Hz auto-sensing Input voltage limits 140 to 300 V 230 V AC Output				
	system unit and compatible to the unit's primary display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor Warranty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite Repair or Item replacement is delivered by the manufacturer's authorized in-region or local technical support engineer. Uninterrupted Power Supply Rated power in W : 650 W Rated power in VA : 1200 VA Input Connection Type : IEC 60320 C14 Output connection : 4 x universal, 1 x IEC 60320 C13 Battery type : Lead-acid battery Mounting support Floor Network frequency 50/60 Hz +/- 5 Hz auto-sensing Input voltage limits 140 to 300 V 230 V AC Output frequency 50/60 Hz +/- 1 Hz sync to main UPS type				
	system unit and compatible to the unit's primary display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor Warranty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite Repair or Item replacement is delivered by the manufacturer's authorized in-region or local technical support engineer. Uninterrupted Power Supply Rated power in W : 650 W Rated power in VA : 1200 VA Input Connection Type : IEC 60320 C14 Output connection : 4 x universal, 1 x IEC 60320 C13 Battery type : Lead-acid battery Mounting support Floor Network frequency 50/60 Hz +/- 5 Hz auto-sensing Input voltage limits 140 to 300 V 230 V AC Output frequency 50/60 Hz +/- 1 Hz sync to main UPS type Line interactive Wave type : Stepped approximation				
	system unit and compatible to the unit's primary display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor Warranty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite Repair or Item replacement is delivered by the manufacturer's authorized in-region or local technical support engineer. Uninterrupted Power Supply Rated power in W : 650 W Rated power in VA : 1200 VA Input Connection Type : IEC 60320 C14 Output connection : 4 x universal, 1 x IEC 60320 C13 Battery type : Lead-acid battery Mounting support Floor Network frequency 50/60 Hz +/- 5 Hz auto-sensing Input voltage limits 140 to 300 V 230 V AC Output frequency 50/60 Hz +/- 1 Hz sync to main UPS type				

Buttery capacity 9.0 Ah Buttery life 2 to 3 year(s) Surge energy rate 273 : J Mecruty free : Yes Warranty : 2 years Local Supplier Warranty on UPS 4. DESKTOP COMPUTER FOR CAD 51 set LABORATORY Processor: Intel core i7 12th gen or latest equivalent 55 set OS: Genuine / Original Windows 11 Pro 64bit English (Original Contended) CEM vindows 11 11 Pro 64bit English (Genuine Microsoft OS Media Kit tO Included, DVD - Tlashdrive from OFM, or document proof of OS genuity) Memory: 16 GB, 288 GB, DDR4-2666 MHz Storage: 512GB NVMe Solid State Drive Video Card: Cores: 5,888, Boost Clock 2.48Ghz, Base Clock 1.92Ghz, Standard Memory Config: 12GB GIDDROX, Memory Interface Width: 192-bit Ports: 4 USB 2.0 Type A (2 Front / 2 Rear) S USB 3.1 Type CI [™] (10Gb), data only 1 Front Universal Audio Jack 1 Front Internal SD Card reader (Optional) 2 Rear PS2 2 Rear Display Port 1 Rear Optional Port (VGA, HMDI 2.0, DP++ 1.2, Type CI [™] (WDC-Alt mode) 1 Rear RJ45 Network Connector 1 Rear Audio Line out Display: at least 21 [™] IPS Display, 1920x1080 Resolution (same brand as system unit and compatible to the unit's display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor			1	1	ſ
Warranty: 2 years Local Supplier Warranty on UPS 51 4. DESKTOP COMPUTER FOR CAD 51 set LABORATORY Processor: Intel core i7 12th gen or latest equivalent OS: Genuine / Original Windows 11 Pro 64bit English (Original OS Recovery USB Kit by the Mamufacturer Included): Pre-loaded OEM Windows II Pro 64bit English (Genuine Windrows: 11 Pro 64bit Kit CD Included, DVD or Flashdrive from OEM, or document proof of OS genuity) Memory: 16 6B, 2x8 GB, DDR4-2666 MHz Storage: 512GB NVMe Solid State Drive Video Card: Cores: 5.888, Boost Clock 2.48Ghz, Base Clock 1.92Ghz, Standard Memory Config: 12GB GDDR6X, Memory Interface Width: 192-bit Ports: 4 USB 2.0 Type A (2 Front / 2 Rear) 5 USB 3.1 Type A (GBb) (1 Front / 4 Rear) 1 Front USB 3.1 Type C7M (UGGh), data only 1 Front Internal SD Card reader (Optional) 2 Rear PS2 2 Rear Display Port 1 Rear Audio Line out Display: at least 21" 'IPS Display, 1920x1080 Resolution (same brand as system unit and compatible to the unit's display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor Warranty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite Repair or Item replacement is delivered by the manufacturer's authorized in-region or local technical support engineer. Uninterrupted Power Supply <td>Battery capacity 9.0 Ah Battery life 2 to 3 year(s)</td> <td></td> <td></td> <td></td> <td></td>	Battery capacity 9.0 Ah Battery life 2 to 3 year(s)				
 DESKTOP COMPUTER FOR CAD 51 set LABORATORY Processor: Intel core i7 12th gen or latest equivalent. OS: Genuine / Original Windows 11 Pro 64bit English (Original OS Recovery USB Kit by the Manufacturer Included): Pre-loaded OEM Windows 11 Pro 64bit English (Genuine Microsoft OS Media Kit CD Included, DVD or Flashdrive from OEM, or document proof of OS genuity) Memory: 16 GB, 2x8 GB, DDR4-2666 MHz Storage: 512GB NVMe Solid State Drive Video Card: Cores: 5,888, Boost Clock 2.48Ghz, Base Clock 1.92Ghz, Standard Memory Config: 12GB GDDR6X, Memory Interface Width: 192-bit Ports: 4 USB 2.0 Type A (2 Front / 2 Rear) 5 USB 3.1 Type A (5Gb) (1 Front / 4 Rear) 1 Front USB 3.1 Type C^{IM} (I0Gb), data only 1 Front Universal Audio Jack 1 Front Internal SD Card reader (Optional) 2 Rear PS2 2 Rear Display Port 1 Rear Optional Port (VGA, HMDI 2.0, DP++ 1.2, Type C^{IM} w/DP-Alt mode) 1 Rear R445 Network Connector 1 Rear Serial 1 Rear Audio Line out Display: at least 21" IPS Display, 120201800 Resolution (same brand as system unit and compatible to the unit's display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor Warranty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite Repair or Item replacement is delivered by the manufacturer's authorized in-region or local technical support engineer. Uninterrupted Power Supply Rated power in W: 650 W Rated power in W: 650 W Rated power in W: 6030 V 230 V AC Ounput Connection : FLC 60320 C13 Battery type : Lead-acid battery Mouning support Floor Network frequence; 50:60 Hz +/- 5 Hz auto-sensing Input voltage limits 140 to 300 V 230 V AC Output forquence 50:60 Hz +/- 5 Hz auto-sensing Input voltage limits 140 to 300 V 230 V AC Output frequency 50:60 Hz +/- 5 Hz auto-sensing Input voltage li	Surge energy rate 273 : J Mercury free : Yes				
 DESKTOP COMPUTER FOR CAD 51 set LABORATORY Processor: Intel core i7 12th gen or latest equivalent. OS: Genuine / Original Windows 11 Pro 64bit English (Original OS Recovery USB Kit by the Manufacturer Included): Pre-loaded OEM Windows 11 Pro 64bit English (Genuine Microsoft OS Media Kit CD Included, DVD or Flashdrive from OEM, or document proof of OS genuity) Memory: 16 GB, 2x8 GB, DDR4-2666 MHz Storage: 512GB NVMe Solid State Drive Video Card: Cores: 5,888, Boost Clock 2.48Ghz, Base Clock 1.92Ghz, Standard Memory Config: 12GB GDDR6X, Memory Interface Width: 192-bit Ports: 4 USB 2.0 Type A (2 Front / 2 Rear) 5 USB 3.1 Type A (5Gb) (1 Front / 4 Rear) 1 Front USB 3.1 Type Cf^M (10Gb), data only I Front Universal Audio Jack 1 Front Internal SD Card reader (Optional) 2 Rear PS2 2 Rear Display Port 1 Rear Optional Port (VGA, HMDI 2.0, DP++ 1.2, Type Cf^M wDP-Att mode) 1 Rear R145 Network Connector 1 Rear Serial 1 Rear Audio Line out Display: at least 21" IPS Display. 1920;1080 Resolution (same brand as system unit and compatible to the unit's display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor Warranty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite Repair or Item replacement is delivered by the manufacturer's authorized in-region or local technical support engineer. Uninterrupted Power Supply Rated power in W: 650 W Rated power in W: 650 W Rated power in W: 6030 V 230 V AC Output former, 14 x universal, 1 x IEE 60320 C13 Battery type : Lead-acid battery Mounting support Floor Network frequence; 50:60 Hz +/- 5 Hz auto-sensing Input voltage limits 140 o 300 V 230 V AC Output forquency 50:60 Hz +/- 5 Hz auto-sensing Input voltage limits 140 is 300 V 230 V AC Output frequency 50:60 Hz +/- 5 Hz auto-sensing In	Warranty : 2 years Local Supplier Warranty on UPS				
LABORATORY Processor: Intel core i7 12th gen or latest equivalent. OS: Genuine / Original Windows 11 Pro 64bit English (Original OS Recovery USB Kit by the Manufacturer Included): Pre-loaded OEM Windows 11 Pro 64bit English (Genuine Microsoft OS Media Kit CD Included). DVD or Flashdrive from OEM, or document proof of OS genuity) Memory: 16 GB, 2x8 GB, DDR4-2666 MHz Storage: 512GB NVMe Solid State Drive Video Card: Cores: 5,888, Boost Clock 2.48Ghz, Base Clock 1.92Ghz, Standard Memory Config: 12GB GDDR6X, Memory Interface Widht: 192-bit Ports: 4 USB 2.0 Type A (2 Front / 2 Rear) 5 USB 3.1 Type A (3Gb) (1 Front / 4 Rear) 1 Front INSB 3.1 Type C ^{MM} (10Gb), data only 1 Front Universal Audio Jack 1 Front Internal SD Card reader (Optional) 2 Rear PS2 2 Rear Display Port 1 Rear Optional Port (VGA, HMDI 2.0, DP++ 1.2, Type C ^{MM} (10Gb), data only 1 Rear Serial 1 Rear Audio Line out Display: at least 21" IPS Display, 1920x1080 Resolution (same brand as system unit and compatible to the unit's display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor Warranty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite Repair or Item replacement is delivered by the manufacturer's authorized in-region or local technical support engineer. Uninterrupted Power Supply Rated power in W: 650 W Rated power in W: 65020 C14 Output connection Type : IEC 60320 C13 Battery type : Lead-acid battery Mounting support Floor Network frequency 50:60 Hz z+/-5 Hz auto-sensing Input voltage limits 140 to 300 V 230 V AC Output frequency 50:60 Hz z+/-5 Hz auto-sensing Input voltage limits 140 to 300 V 230 V AC Output frequency 50:60 Hz z+/-5 Hz auto-sensing Network fr		51	set		
Processor: Intel core i7 12th gen or latest equivalent OS: Gennine / Original Windows 11 Pro 64bit English (Original OS Recovery USB Kit by the Manufacturer Included) : Pre-loaded OEM Windows 11 Pro 64bit English (Gennine Microsoft OS Media Kit CD Included, DVD or Flashdrive from OEM, or document proof of OS genuity) Memory: 16 GB, 2x8 GB, DDR4-2666 MHz Storage: 512GB NVMe Solid State Drive Video Card: Cores: 5,888, Boost Clock 2.48Ghz, Base Clock 1.92Ghz, Standard Memory Config: 12GB GDDR6X, Memory Interface Width: 192-bit Ports: 4 USB 2.0 Type A (2 Front / 2 Rear) 5 USB 3.1 Type A (5Gb) (1 Front / 4 Rear) 1 Front USB 3.1 Type CTM (10Gb), data only 1 Front Universal Audio Jack 1 Front Internal SD Card reader (Optional) 2 Rear PS2 2 Rear Display Port 1 Rear Optional Port (VGA, HMDI 2.0, DP++ 1.2, Type CTM w/DP-Alt mode) 1 Rear RJ45 Network Connector 1 Rear Serial 1 Rear Audio Line out Display: at least 21" IPS Display, 1920x1080 Resolution (same brand as system unit and compatible to the unit's display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor Warranty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite Repair or Item replacement is delivered by the manufacturer's authorized in-region or local technical support engineer. Uninterrupted Power Supply Rated power in W : 650 W Rated power in W : 650 W Rated power in W : 500 W Rated power in W : 500 W Rated power in W : 5100 VA Input Connection 74 x universal, 1 x IEC 60320 C13 Battery type : Lead-acid battery Mounting support Floor Network frequency 50/60 Hz +/- 5 Hz auto-sensing Input voltage limits 140 to 300 V 230 V AC Output troquency 50/60 Hz +/- 5 Hz auto-sensing Input voltage limits 140 to 300 V 230 V AC Output frequency 50/60 Hz +/- 1 Hz sync to mains UPS type Line interactive Wave type : Stepped approximation to a sinewave IP degree of protection : IP20 Battery voltage : 12 V Battery capacity 9.0 Ah Battery life 2 to 3 year(s) Surge energy rate 273 : J M		01	500		
 OS: Genuine / Original Ŵindows 11 Pro 64bit English (Original OS Recovery USB Kit by the Manufacturer Included): Pre-loaded OEM Windows 11 Pro 64bit English (Genuine Microsoft OS Media Kit CD Included, DVD or Flashdrive from OEM, or document proof of OS genuity) Memory: 16 GB, 2x8 GB, DDR4-2666 MHz Storage: 512GB NVMe Solid State Drive Video Card: Cores: 5,888, Boost Clock 2.48Ghz, Base Clock 1.92Ghz, Standard Memory Config: 12GB GDDR6X, Memory Interface Width: 192-bit Ports: 4 USB 2.0 Type A (2 Front / 2 Rear) 5 USB 3.1 Type A (56h) (1 Front / 4 Rear) 1 Front USB 3.1 Type C[™] (10Gb), data only 1 Front Universal Audio Jack 1 Front Internal SD Card reader (Optional) 2 Rear PS2 2 Rear Display Port 1 Rear Optional Port (VGA, HMDI 2.0, DP++ 1.2, Type C[™] w/DP-Alt mode) 1 Rear R145 Network Connector 1 Rear Serial 1 Rear Audio Line out Display: at least 21" IPS Display, 1920x1080 Resolution (same brand as system unit and compatible to the unit's display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor Warranty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite Repair or Item replacement is delivered by the manufacturer's authorized in-region or local technical support engineer. Uninterrupted Power Supply Rated power in W: 650 W Rated power in W: 650 W Rated power in V: 1200 VA Input Connection Type: IEC 60320 C14 Output ronnection: 4x universal, 1x IEC 60320 C13 Battery type : Lead-acid battery Mounting support Floor Network frequency 50/60 Hz +/- 5 Hz auto-sensing Input voltage limits 140 to 300 V 230 V AC Output frequency 50/60 Hz +/- 5 Hz auto-sensing Input voltage limits 140 to 300 V 230 V AC Output frequency 50/60 Hz +/- 5 Hz auto-sensing Input voltage limits 140 to 300 V 230 V AC Output frequency 50/60 Hz +/- 1 Hz sync to mains UPS type Line interactive Wave ty					
English (Original OS Recovery USB Kit by the Manufacturer Included) : Pre-loaded OEM Windows 11 Pro 64bit English (Genuine Microsoft OS Media Kit CD Included, DVD or Flashdrive from OEM, or document proof of OS genuity) Memory: 16 GB. 2x8 GB, DDR4-2666 MH2 Storage: 512GB NVMe Solid State Drive Video Card: Cores: 5,888, Boost Clock 2.48Ghz, Base Clock 1.92Ghz, Standard Memory Config: 12GB GDDR6X, Memory Interface Width: 192-bit Ports: 4 USB 2.0 Type A (2 Front / 2 Rear) 5 USB 3.1 Type A (5Gb) (1 Front / 4 Rear) 1 Front USB 3.1 Type C TM (10Gb), data only 1 Front Universal Audio Jack 1 Front Internal SD Card reader (Optional) 2 Rear PS2 2 Rear Display Port 1 Rear Optional Port (VGA, HMDI 2.0, DP++ 1.2, Type C TM w/DP-Alt mode) 1 Rear RJ45 Network Connector 1 Rear Serial 1 Rear Audio Line out Display: at least 21" IPS Display, 1920x1080 Resolution (same brand as system unit and compatible to the unit's display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor Warranty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite Repair or Item replacement is delivered by the manufacturer's authorized in-region or local technical support engineer. Uninterrupted Power Supply Rated power in W : 650 W Rated power in W : 650 W Rated power in W : 650 W Rated power in W : 650 QC C14 Output connection: 4 x universal, 1 x IEC 60320 C13 Battery type : Lead-acid battery Mounting support Floor Network frequency 50/60 Hz +/- 5 Hz auto-sensing Input voltage limits 140 to 300 V 230 V AC Output trounce; 50/60 Hz +/- 1 Hz sync to mains UPS type Line interactive Wave type : Stepped approximation to a sinewave PF degree of protection : FP20 Battery voltage : 12 V Battery capacity 9.0 Ah Battery Iffe 2 to 3 year(s) Surge energy rate 273 : J Mercury free : Yes Warranty : 2 years Local Supplier Warranty on UPS	· · ·				
Manufacture-Included) : Pre-loaded OEM Windows 11 Pro 64bit English (Genuine Microsoft OS Media Kit CD Included, DVD or Flashdrive from OEM, or document proof of OS genuity) Memory: 16 GB, 2x8 GB, DDR4-2666 MHz Storage: 512GB NVMe Solid State Drive Video Card: Cores: 5,888, Boost Clock 2.48Ghz, Base Clock 192Ghz, Standard Memory Config: 12GB GDDR&X, Memory Interface Width: 192-bit Ports: 4 USB 2.0 Type A (2 Front / 2 Rear) 5 USB 3.1 Type A (56b) (1 Front / 4 Rear) 1 Front USB 3.1 Type C TM (10Gb), data only Port 1 Rear Optional Port (VGA, HMDI 2.0, DP++ 1.2, Type C TM w(PP-Alt mode) 1 Rear RJ45 Network Connector 1 Rear Serial 1 Rear Audio Line out Display: at least 21" PS Display, 1920x1080 Resolution (same brand as system unit and compatible to the unit's display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor Waranty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite Repair or Item replaeer. unitorrupt Power is 50 W Rated power in W : 650 W Rat	•				
 11 Pro 64bit English (Genuine Microsoft OS Media Kit CD Included, DVD or Flashdrive from OEM, or document proof of OS genuity) Memory: 16 GB, 2x8 GB, DDR4-2666 MHz Storage: 512GB NVMe Solid State Drive Video Card: Cores: 5,888, Boost Clock 2.48Ghz, Base Clock 1.92Ghz, Standard Memory Config: 12GB GDDR6X, Memory Interface Width: 192-bit Ports: 4 USB 2.0 Type A (2 Front / 2 Rear) 5 USB 3.1 Type A (5Gb) (1 Front / 4 Rear) 1 Front USB 3.1 Type CTM (106b), data only 1 Front Universal Audio Jack 1 Front Internal SD Card reader (Optional) 2 Rear PS2 2 Rear Display Port 1 Rear Optional Port (VGA, HMDI 2.0, DP++ 1.2, Type CTM w/DP-Alt mode) 1 Rear RJ45 Network Connector 1 Rear Serial 1 Rear Audio Line out Display: at least 21" IPS Display, 1920x1080 Resolution (same brand as system unit and compatible to the unit's display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor Warrarty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite Repair or Item replacement is delivered by the manufacturer's authorized in-region or local technical support engineer. Uninterrupted Power Supply Rated power in W: 650 W Rated power in W: 650 W Rated power in W: 41200 VA Input Connection : 4 x universal, 1 x IEC 60320 C13 Battery type : Lead-acid battery Mounting support Floor Network frequency 50/60 Hz +/- 5 Hz auto-sensing Input voltage limits 140 to 300 V 230 V AC Output frequency 50/60 Hz +/- 1 Hz sync to mains UPS type Line interactive Wave type : Stepped approximation to a sinewave IP degree of protection : IP20 Battery voltage : 12 V Battery type : Ize Acid battery Ware usite : Ize Acid battery voltage : 12 V Battery type : Ize Acid battery voltage : 12 V Battery type : Ize Acid battery voltage : 12 V Battery type : Stepped approximation to a sinewave IP degree of protection : IP20 Battery typ					
 Kit CD Included, DVD or Flashdrive from OEM, or document proof of OS genuity) Memory: 16 GB, 2x8 GB, DDR4-2666 MHz Storage: 512GB NVMe Solid State Drive Video Card: Cores: 5,888, Boost Clock 2.48Ghz, Base Clock 1.92Ghz, Standard Memory Config: 12GB GDDR6X, Memory Interface Width: 192-bit Ports: 4 USB 2.0 Type A (2 Front / 2 Rear) 5 USB 3.1 Type A (3Gb) (1 Front / 4 Rear) 1 Front USB 3.1 Type CTM (10Gb), data only 1 Front Universal Audio Jack 1 Front Internal SD Card reader (Optional) 2 Rear PS2 2 Rear Display Port 1 Rear Optional Port (VGA, HMDI 2.0, DP++ 1.2, Type CTM w/DP-Alt mode) 1 Rear R145 Network Connector 1 Rear Serial 1 Rear Audio Line out Display: at least 21" IPS Display, 1920x1080 Resolution (same brand as system unit and compatible to the unit's display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor Warranty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite Repair or Item replacement is delivered by the manufacturer's authorized in-region or local technical support engineer. Uninterrupted Power Supply Rated power in W : 650 W Rated power in W : 650 W Rated power in W : 650 W Rated power in W : 650 W Rated power in W : 650 V Rated					
document proof of OS genuity) Memory: 16 GB, 2x8 GB, DDR4-2666 MHz Storage: 512GB NVMe Solid State Drive Video Card: Cores: 5,888, Boost Clock 2.48Ghz, Base Clock 1.92Ghz, Standard Memory Config: 12GB GDDR6X, Memory Interface Width: 192-bit Ports: 4 USB 2.0 Type A (2 Front / 2 Rear) 5 USB 3.1 Type A (SGb) (1 Front / 4 Rear) 1 Front USB 3.1 Type C [™] (106b), data only 1 Front Universal Audio Jack 1 Front Internal SD Card reader (Optional) 2 Rear PS2 2 Rear Display Port 1 Rear Optional Port (VGA, HMDI 2.0, DP++ 1.2, Type C [™] wiDP-Alt mode) 1 Rear RJ45 Network Connector 1 Rear Serial 1 Rear Audio Line out Display: at least 21° IPS Display, 1920x1080 Resolution (same brand as system unit and compatible to the unit's display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor Warranty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite Repair or Item replacement is delivered by the manufacturer's authorized in-region or local technical support engineer. Uninterrupted Power Supply Rated power in VA : 1200 VA Input Connection Type : IEC 60320 C14 Output connection i 4 x universal, 1 x IEC 60320 C13 Battery type : Lead-acid battery Mounting support Floor Network frequency 50/60 Hz +/- 5 Hz auto-sensing Input voltage limits 140 to 300 V 230 V AC Output frequency 50/60 Hz +/- 1 Hz sync to mains UPS type Line interactive Wave type : Stepped approximation to a sinewave IP degree of protection : P20 Battery voltage : 12 V Battery capacity 9.0 Ah Battery Iffe 2 to 3 year(s) Surge energy rate 273 : J Mercury free : Yes Warranty : 2 years Local Supplier Warranty on UPS	11 Pro 64bit English (Genuine Microsoft OS Media				
GB, DDR ¹ -2666 MHz Storage: 512GB NVMe Solid State Drive Video Card: Cores: 5,888, Boost Clock 2.48Ghz, Base Clock 1.92Ghz, Standard Memory Config: 12GB GDDR6X, Memory Interface Width: 192-bit Ports: 4 USB 2.0 Type A (2 Front / 2 Rear) 5 USB 3.1 Type A (5Gb) (1 Front / 4 Rear) 1 Front USB 3.1 Type C TM (10Gb), data only 1 Front Universal Audio Jack 1 Front Internal SD Card reader (Optional) 2 Rear PS2 2 Rear Display Port 1 Rear Optional Port (VGA, HMDI 2.0, DP++ 1.2, Type C TM w/DP-Alt mode) 1 Rear RJ45 Network Connector 1 Rear Serial 1 Rear Audio Line out Display: at least 21" IPS Display, 1920x1080 Resolution (same brand as system unit and compatible to the unit's display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor Warranty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite Repair or Item replacement is delivered by the manufacturer's authorized in-region or local technical support engineer. Uninterrupted Power Supply Rated power in W : 650 W Rated power in V : 1200 VA Input Connection 7 pre : IEC 60320 C14 Output connection : 4 x universal, 1 x IEC 60320 C13 Battery type : Lead-acid battery Mounting support Floor Network frequency 50/60 Hz +/- 5 Hz auto-sensing Input voltage limits 140 to 300 V 230 V AC Output frequency 50/60 Hz +/- 1 Hz sync to mains UPS type Line interactive Wave type : Stepped approximation to a sinewave IP degree of protection : IP20 Battery voltage : 12 V Battery capacity 9.0 Ah Battery life 2 to 3 year(s) Surge energy rate 273 : J Mercury free : Yes Warranty : 2 years Local Supplier Warranty on UPS	Kit CD Included, DVD or Flashdrive from OEM, or				
GB, DDR ¹ -2666 MHz Storage: 512GB NVMe Solid State Drive Video Card: Cores: 5,888, Boost Clock 2.48Ghz, Base Clock 1.92Ghz, Standard Memory Config: 12GB GDDR6X, Memory Interface Width: 192-bit Ports: 4 USB 2.0 Type A (2 Front / 2 Rear) 5 USB 3.1 Type A (5Gb) (1 Front / 4 Rear) 1 Front USB 3.1 Type C TM (10Gb), data only 1 Front Universal Audio Jack 1 Front Internal SD Card reader (Optional) 2 Rear PS2 2 Rear Display Port 1 Rear Optional Port (VGA, HMDI 2.0, DP++ 1.2, Type C TM w/DP-Alt mode) 1 Rear RJ45 Network Connector 1 Rear Serial 1 Rear Audio Line out Display: at least 21" IPS Display, 1920x1080 Resolution (same brand as system unit and compatible to the unit's display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form Factor Warranty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite Repair or Item replacement is delivered by the manufacturer's authorized in-region or local technical support engineer. Uninterrupted Power Supply Rated power in W : 650 W Rated power in V : 1200 VA Input Connection 7 pre : IEC 60320 C14 Output connection : 4 x universal, 1 x IEC 60320 C13 Battery type : Lead-acid battery Mounting support Floor Network frequency 50/60 Hz +/- 5 Hz auto-sensing Input voltage limits 140 to 300 V 230 V AC Output frequency 50/60 Hz +/- 1 Hz sync to mains UPS type Line interactive Wave type : Stepped approximation to a sinewave IP degree of protection : IP20 Battery voltage : 12 V Battery capacity 9.0 Ah Battery life 2 to 3 year(s) Surge energy rate 273 : J Mercury free : Yes Warranty : 2 years Local Supplier Warranty on UPS	document proof of OS genuity) Memory: 16 GB, 2x8				
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V Battery capacity 9.0 Ah Battery life 2 to 3 year(s) Surge energy rate 273 : J Mercury free : Yes Warranty : 2 years Local Supplier Warranty on UPS	IP degree of protection : IP20 Battery voltage : 12				
Surge energy rate 273 : J Mercury free : Yes Warranty : 2 years Local Supplier Warranty on UPS					
Warranty : 2 years Local Supplier Warranty on UPS					
		1	unit		
		1	uiiit		
Aruba 24-port 10/100/1000BASE-T MACsec v3 zl2	1				
Module					
(J9987A)	(J9987A)				

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	To be used with existing HP Aruba Core Switch				
	Product Type : Expansion Module				
	Maximum Data Transfer Rate : 1 Gbit/s				
	Ethernet Technology : Gigabit Ethernet				
	Number of Ports : 24 x RJ-45 1000Base-T LAN				
	Connector Type : RJ-45				
	Warranty : Limited Lifetime Manufacturer Warranty				
6.	HIGH PERFORMANCE DESKTOP COMPUTER	13	set		
0.	Processor: Intel Core i7 12th Generation or latest	15	501		
	equivalent				
	Memory: Total of 16GB, 2x8GB DDR4 Memory				
	Storage: 1 TB NVME SSD Graphics: Dedicated				
	Graphics Card, Boost Clock: 2.46Ghz, Standard				
	Memory Config: 8GB GDDR6, Memory Interface				
	Width 128-bit OS: Genuine / Original Windows 11				
	Pro 64bit English (Original OS Recovery USB Kit				
	by the Manufacturer Included) Connectivity: Front: 1				
	usb 2.0 port with PowerShare, 1 USB 2.0 port, 1 USB				
	3.2 Gen 2x2 Type-C® port, 1 universal audio Jack				
	Rear: 3 USB 3.2 Gen 1 ports, 1 USB 3.2 Gen 2 port,				
1					
	2 USB 2.0 ports with smart Power On 3 DisplayPort				
	1.4 Ports 1 re-tasking line-out/line-in audio port 1				
	RJ45 Ethernet port WiFI Connectivity - Yes built-in				
	WiFi Card				
	Display - atleast 24" Wide Screen IPS monitor, 1920				
	x 1080 resolution, Display Position Adjusments:				
	Height-adjustable stand (130MM), Tilt (-5° to 21°),				
	Swivel (-45° to 45°), Pivot (-90° to 90°) (same brand				
	as system unit and compatible to the unit's primary				
	display output port)				
	Peripherals - Keyboard, Optical scroll mouse (must				
	be same brand with system unit) Warranty : 5-year				
	warranty on all parts and labor for Desktop Computer				
	Set. Onsite Repair or Item replacement is delivered				
	by the manufacturer's authorized in-region or local				
	technical support engineer.				
	Uninterrupted Power Supply				
	Rated power in W : 650 W Rated power in VA : 1200				
	VA				
	Input Connection Type : IEC 60320 C14				
	Output connection : 4 x universal, 1 x IEC 60320 C13				
	Battery type : Lead-acid battery , Mounting support				
	Floor				
	Network frequency 50/60 Hz +/- 5 Hz auto-sensing				
	Input voltage limits 140 to 300 V 230 V AC				
1	Output frequency 50/60 Hz +/- 1 Hz sync to mains				
	UPS type Line interactive				
	Wave type : Stepped approximation to a sinewave				
	IP degree of protection : IP20				
	Battery voltage : 12 V Battery capacity 9.0 Ah Battery				
	life 2 to 3 year(s)				
	Surge energy rate 273 : J, Mercury free : Yes				
	Warranty : 2 years Local Supplier Warranty				
7.	HIGH PERFORMANCE LAPTOP	2	0.04		
/.		Z	set		
	Processor - M2 Chip, 8-core CPU with 4 performance				
	cores and 4 efficiency cores, 8-core GPU, 16-core				
	Neural Engine				

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8	Memory - 8GB unified memory Storage : 256GB SSD storage Operating System : MacOS Connectivity - Two thunderbolt / USB 4 ports with support for: Charging, Display port, Thunderbolt 3 (up to 40Gbps), USB 4 (up to 40Gbps), USB 3.1 Gen 2 (up to 10 Gbps) WiFi Connectivity - 802.11ax WiFi 6 Bluetooth : Bluetooth 5.3 Display- Liquid Retina display : 13.6-inch (diagonal) LED-backlit display with IPS technology, 2560-by- 1664 native resolution at 224 pixels per inch, 500 nits brightness Camera: 1080p FaceTime HD camera, Advance image signal processor with computational video Peripherals : Wireless Rechargeable magic mouse, Carrying bag Warranty - with protection plan 2 years, repair or replacement coverage, both parts and labour, from authorized technicians or service centers NETWORK ATTACHED STORAGE, 8TB Network Attached Storage CPU : 4-core 2.0 GHz, burst up to 2.7 GHz Hardware encryption engine : Yes (AES-NI) Memory : 4 GB DDR4 onboard Compatible drive type • 4 x 3.5" or 2.5" SATA HDD/SSD (drives not included) Hot swappable drive : Yes External port • 2 x USB 3.0 port • 1 x eSATA port LAN : 2 x Gigabit (RJ- 45) Wake on LAN/WAN : Yes Scheduled power on/off : Yes System fan: 2 (92 x 92 x 25 mm) Warranty : 3 years manufacture warranty for diskstation Network-Attached Storage Hard Drive Recording Technology : SMR Interface : SATA 6	1	unit	
	Gb/s Formatted Capacity : 4TB Form Factor : 3.5 inch Interface Transfer Rate : up to 180 MB/s Cache (MB) : 256 Performance Class : 5400 RPM Class Warranty : 3 years manufacture warranty for Hard Drive			
	Drive	~ ~		
9.	OFFICE COMPUTER Processor: Intel i3 12th Gen or latest equivalent OS: Pre-loaded OEM Windows 11 Pro 64bit English (Genuine Microsoft OS Media Kit CD Included, DVD or Flashdrive from OEM, or document proof of OS genuity) Memory: Total 8 GB, 2X4GB DDR4 Storage: 512GB SSD Graphics: Integrated Graphics Ports: at least 1 RJ-45 port 10/100/1000 Mbps (rear) at least 6 USB Ports (USB 2.0/3.0) Ports (front and rear) 1 Universal Audio Jack (front) 1 Line-out re- tasking Line-in audio port (rear) with Display Output ports (rear) Display: atleast 21" Wide Screen Monitor with LED Back Light (same brand as system unit and compatible to the unit's primary display output port) Peripherals: Keyboard, Optical scroll mouse (must be same brand with system unit) Form Factor: Small Form FactorWarranty: 5-year warranty on all parts and labor for Desktop Computer Set. Onsite Repair or Item replacement is delivered by the manufacturer's	57	set	

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	authorized in-region or local technical support				
	engineer.				
	Uninterrupted Power Supply				
	Rated power in W : 650 W				
	Rated power in VA: 1200 VA				
	Input Connection Type : IEC 60320 C14				
	Output connection : 4 x universal, 1 x IEC 60320 C13				
	Battery type : Lead-acid battery				
	Mounting support Floor				
	0 11				
	Network frequency 50/60 Hz +/- 5 Hz auto-sensing				
	Input voltage limits 140 to 300 V 230 V AC				
	Output frequency 50/60 Hz +/- 1 Hz sync to mains				
	UPS type Line interactive				
	Wave type : Stepped approximation to a sinewave				
	IP degree of protection : IP20				
	Battery voltage : 12 V				
	Battery capacity 9.0 Ah				
	Battery life 2 to 3 year(s)				
	Surge energy rate 273 : J				
	Mercury free : Yes				
10	Warranty : 2 years Local Supplier Warranty on UPS	_			
10.	OFFICE LAPTOP	7	unit		
	Processor: AMD Ryzen 7 latest generation				
	Memory : 16GB DDR4				
	Graphics : Built-in Graphics				
	Storage : 512GB SSD				
	OS : Windows 11 64-bit, Genuine				
	Display : 15.6-inch Display. 1920x1080 Resolution				
	Peripherals : Carrying Bag				
	Warranty: 3-year warranty on all parts and labor for				
	Laptop. Onsite Repair or Item replacement is				
	delivered by the manufacturer's authorized in-region				
	or local technical support engineer.				
1					
11.	DATA CENTER UPS	1	unit		
11.	Presentation High density, double-conversion on-line	1	unit		
11.		1	unit		
11.	Presentation High density, double-conversion on-line	1	unit		
11.	Presentation High density, double-conversion on-line power protection with scalable runtime. Lead time	1	unit		
11.	Presentation High density, double-conversion on-line power protection with scalable runtime. Lead time Usually in Stock	1	unit		
11.	Presentation High density, double-conversion on-line power protection with scalable runtime. Lead time Usually in Stock Main Input Voltage : 230 V Other Input Voltage : 220 V, 240 V	1	unit		
11.	Presentation High density, double-conversion on-line power protection with scalable runtime. Lead time Usually in Stock Main Input Voltage : 230 V Other Input Voltage : 220 V, 240 V Main Output Voltage : 230 V Other Output Voltage :	1	unit		
11.	Presentation High density, double-conversion on-line power protection with scalable runtime. Lead time Usually in Stock Main Input Voltage : 230 V Other Input Voltage : 220 V, 240 V Main Output Voltage : 230 V Other Output Voltage : 220 V, 240 V	1	unit		
11.	Presentation High density, double-conversion on-line power protection with scalable runtime. Lead time Usually in Stock Main Input Voltage : 230 V Other Input Voltage : 220 V, 240 V Main Output Voltage : 230 V Other Output Voltage : 220 V, 240 V Rated power in W : 6000 W Rated power in VA 6000	1	unit		
11.	Presentation High density, double-conversion on-line power protection with scalable runtime. Lead time Usually in Stock Main Input Voltage : 230 V Other Input Voltage : 220 V, 240 V Main Output Voltage : 230 V Other Output Voltage : 220 V, 240 V Rated power in W : 6000 W Rated power in VA 6000 VA	1	unit		
11.	Presentation High density, double-conversion on-line power protection with scalable runtime. Lead time Usually in Stock Main Input Voltage : 230 V Other Input Voltage : 220 V, 240 V Main Output Voltage : 230 V Other Output Voltage : 220 V, 240 V Rated power in W : 6000 W Rated power in VA 6000 VA Output connection type 6 IEC 60320 C13 2 IEC	1	unit		
11.	Presentation High density, double-conversion on-line power protection with scalable runtime. Lead time Usually in Stock Main Input Voltage : 230 V Other Input Voltage : 220 V, 240 V Main Output Voltage : 230 V Other Output Voltage : 220 V, 240 V Rated power in W : 6000 W Rated power in VA 6000 VA Output connection type 6 IEC 60320 C13 2 IEC Jumpers 4 IEC 60320 C19 Output connector type	1	unit		
11.	Presentation High density, double-conversion on-line power protection with scalable runtime. Lead time Usually in Stock Main Input Voltage : 230 V Other Input Voltage : 220 V, 240 V Main Output Voltage : 230 V Other Output Voltage : 220 V, 240 V Rated power in W : 6000 W Rated power in VA 6000 VA Output connection type 6 IEC 60320 C13 2 IEC Jumpers 4 IEC 60320 C19 Output connector type Hard wire 3-wire (H N + E) 1 Input Connections :	1	unit		
11.	Presentation High density, double-conversion on-line power protection with scalable runtime. Lead time Usually in Stock Main Input Voltage : 230 V Other Input Voltage : 220 V, 240 V Main Output Voltage : 230 V Other Output Voltage : 220 V, 240 V Rated power in W : 6000 W Rated power in VA 6000 VA Output connection type 6 IEC 60320 C13 2 IEC Jumpers 4 IEC 60320 C19 Output connector type	1	unit		
11.	Presentation High density, double-conversion on-line power protection with scalable runtime. Lead time Usually in Stock Main Input Voltage : 230 V Other Input Voltage : 220 V, 240 V Main Output Voltage : 230 V Other Output Voltage : 220 V, 240 V Rated power in W : 6000 W Rated power in VA 6000 VA Output connection type 6 IEC 60320 C13 2 IEC Jumpers 4 IEC 60320 C19 Output connector type Hard wire 3-wire (H N + E) 1 Input Connections :	1	unit		
11.	Presentation High density, double-conversion on-line power protection with scalable runtime. Lead time Usually in Stock Main Input Voltage : 230 V Other Input Voltage : 220 V, 240 V Main Output Voltage : 230 V Other Output Voltage : 220 V, 240 V Rated power in W : 6000 W Rated power in VA 6000 VA Output connection type 6 IEC 60320 C13 2 IEC Jumpers 4 IEC 60320 C19 Output connector type Hard wire 3-wire (H N + E) 1 Input Connections : Single Phase: Wire to L, N Output Connections : Wire to L, N Battery type: Lead-acid battery Battery	1	unit		
11.	Presentation High density, double-conversion on-line power protection with scalable runtime. Lead time Usually in Stock Main Input Voltage : 230 V Other Input Voltage : 220 V, 240 V Main Output Voltage : 230 V Other Output Voltage : 220 V, 240 V Rated power in W : 6000 W Rated power in VA 6000 VA Output connection type 6 IEC 60320 C13 2 IEC Jumpers 4 IEC 60320 C19 Output connector type Hard wire 3-wire (H N + E) 1 Input Connections : Single Phase: Wire to L, N Output Connections : Wire to L, N Battery type: Lead-acid battery Battery voltage : 192 V Battery charger power : 597 W rated	1	unit		
11.	Presentation High density, double-conversion on-line power protection with scalable runtime. Lead time Usually in Stock Main Input Voltage : 230 V Other Input Voltage : 220 V, 240 V Main Output Voltage : 230 V Other Output Voltage : 220 V, 240 V Rated power in W : 6000 W Rated power in VA 6000 VA Output connection type 6 IEC 60320 C13 2 IEC Jumpers 4 IEC 60320 C19 Output connector type Hard wire 3-wire (H N + E) 1 Input Connections : Single Phase: Wire to L, N Output Connections : Wire to L, N Battery type: Lead-acid battery Battery voltage : 192 V Battery charger power : 597 W rated Battery power in VAH : 902 VAh runtime	1	unit		
11.	Presentation High density, double-conversion on-line power protection with scalable runtime. Lead time Usually in Stock Main Input Voltage : 230 V Other Input Voltage : 220 V, 240 V Main Output Voltage : 230 V Other Output Voltage : 220 V, 240 V Rated power in W : 6000 W Rated power in VA 6000 VA Output connection type 6 IEC 60320 C13 2 IEC Jumpers 4 IEC 60320 C19 Output connector type Hard wire 3-wire (H N + E) 1 Input Connections : Single Phase: Wire to L, N Output Connections : Wire to L, N Battery type: Lead-acid battery Battery voltage : 192 V Battery charger power : 597 W rated Battery power in VAH : 902 VAh runtime Mounting position : Vertical Form Factor : Tower	1	unit		
11.	Presentation High density, double-conversion on-line power protection with scalable runtime. Lead time Usually in Stock Main Input Voltage : 230 V Other Input Voltage : 220 V, 240 V Main Output Voltage : 230 V Other Output Voltage : 220 V, 240 V Rated power in W : 6000 W Rated power in VA 6000 VA Output connection type 6 IEC 60320 C13 2 IEC Jumpers 4 IEC 60320 C19 Output connector type Hard wire 3-wire (H N + E) 1 Input Connections : Single Phase: Wire to L, N Output Connections : Wire to L, N Battery type: Lead-acid battery Battery voltage : 192 V Battery charger power : 597 W rated Battery power in VAH : 902 VAh runtime Mounting position : Vertical Form Factor : Tower Type Network frequency : 4070 Hz auto-sensing	1	unit		
11.	Presentation High density, double-conversion on-line power protection with scalable runtime. Lead time Usually in Stock Main Input Voltage : 230 V Other Input Voltage : 220 V, 240 V Main Output Voltage : 230 V Other Output Voltage : 220 V, 240 V Rated power in W : 6000 W Rated power in VA 6000 VA Output connection type 6 IEC 60320 C13 2 IEC Jumpers 4 IEC 60320 C19 Output connector type Hard wire 3-wire (H N + E) 1 Input Connections : Single Phase: Wire to L, N Output Connections : Wire to L, N Battery type: Lead-acid battery Battery voltage : 192 V Battery charger power : 597 W rated Battery power in VAH : 902 VAh runtime Mounting position : Vertical Form Factor : Tower Type Network frequency : 4070 Hz auto-sensing Number of input connectors : 1 hard wire 3-wire (1P	1	unit		
11.	Presentation High density, double-conversion on-line power protection with scalable runtime. Lead time Usually in Stock Main Input Voltage : 230 V Other Input Voltage : 220 V, 240 V Main Output Voltage : 230 V Other Output Voltage : 220 V, 240 V Rated power in W : 6000 W Rated power in VA 6000 VA Output connection type 6 IEC 60320 C13 2 IEC Jumpers 4 IEC 60320 C19 Output connector type Hard wire 3-wire (H N + E) 1 Input Connections : Single Phase: Wire to L, N Output Connections : Wire to L, N Battery type: Lead-acid battery Battery voltage : 192 V Battery charger power : 597 W rated Battery power in VAH : 902 VAh runtime Mounting position : Vertical Form Factor : Tower Type Network frequency : 4070 Hz auto-sensing Number of input connectors : 1 hard wire 3-wire (1P + N + E) Input voltage limits : 100275 V adjustable	1	unit		
11.	Presentation High density, double-conversion on-line power protection with scalable runtime. Lead time Usually in Stock Main Input Voltage : 230 V Other Input Voltage : 220 V, 240 V Main Output Voltage : 230 V Other Output Voltage : 220 V, 240 V Rated power in W : 6000 W Rated power in VA 6000 VA Output connection type 6 IEC 60320 C13 2 IEC Jumpers 4 IEC 60320 C19 Output connector type Hard wire 3-wire (H N + E) 1 Input Connections : Single Phase: Wire to L, N Output Connections : Wire to L, N Battery type: Lead-acid battery Battery voltage : 192 V Battery charger power : 597 W rated Battery power in VAH : 902 VAh runtime Mounting position : Vertical Form Factor : Tower Type Network frequency : 4070 Hz auto-sensing Number of input connectors : 1 hard wire 3-wire (1P	1	unit		

Harmonic distortion : Less than 2 % Output		
frequency : 50/60 Hz +/- 3 Hz sync to mains Crest		
factor : 3 : 1 UPS type : Double conversion online		
Wave type : Sine wave Bypass type : Internal bypass		
(automatic and manual) Maximum configurable		
power in VA : 6000 VA Emergency power off: Yes		
Surge energy rate : 480 J		
Sustainable offer status : Green Premium product		
REACh Regulation REACh Declaration		
EU RoHS Directive Compliant		
EU RoHS Declaration		
Mercury free Yes		
RoHS exemption information Yes		
Environmental Disclosure Product Environmental		
Profile		
Warranty : 3 years repair or replace (excluding		
battery) and 2 years for battery		
Т	otal Bid Price	

[Signature] [Name of Authorized Signatory] [Position/Title of Authorized Signatory]