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Bid Notice Abstract

Request for Quotation (RFQ)

Reference Number 9092911
Procuring Entity PHILIPPINE STATE COLLEGE OF AERONAUTICS
Title Procurement of Computers- Based Air Traffic Control Training Software -Visual Vectoring as a Laboratory for Practical Skills.
Area of Delivery Metro Manila

Solicitation Number:	2022-09-0118	Status	Pending
Trade Agreement:	Implementing Rules and Regulations		
Procurement Mode:	Negotiated Procurement - Small Value Procurement (Sec. 53.9)	Associated Components	1
Classification:	Goods	Bid Supplements	0
Category:	Information Technology		
Approved Budget for the Contract:	PHP 900,000.00	Document Request List	0
Delivery Period:	15 Day/s		
Client Agency:		Date Published	08/10/2022
Contact Person:	Romualdo Salud Intia Canvasser Piccio Garden Villamor Airbase Pasay City Metro Manila Philippines 1300 63-02-4255326 63-02-4255326 mhaldz123@gmail.com	Last Updated / Time	07/10/2022 10:16 AM
		Closing Date / Time	12/10/2022 17:00 PM

Description

1 set Package COMPUTER - BASED AIR TRAFFIC CONTROL TRAINING SOFTWARE - VISUAL VECTORING
 (For the detailed specification, please see attached Terms of reference)

TERMS OF REFERENCE
 As of April 2022

I. NAME OF PROJECT

This project will be known as SUPPLY, DELIVERY, AND INSTALLATION OF COMPUTER-BASED AIR TRAFFIC CONTROL TRAINING SOFTWARE – VISUAL VECTORING FOR PHILIPPINE STATE COLLEGE OF AERONAUTICS – AVIATION COMMUNICATION DEPARTMENT, INSTITUTE OF LIBERAL ARTS AND SCIENCES.

The procurement of this computer-based air traffic control training software – visual vectoring aims to elevate the practical skills of students to a high level of competence that will enable them to manage intense and challenging air traffic scenarios in Enroute/Area Control environment, enhance the formative understanding of the faculty on the provision of practical ATC skills and communication in real-life scenarios and to practice them to a high level of expertise, and to create a greater scope for the researcher under this institute.

II. PROJECT REQUIREMENTS

This project will cover the supply, delivery, and installation of COMPUTER-BASED AIR TRAFFIC CONTROL TRAINING SOFTWARE – VISUAL VECTORING that will be utilized by the Philippine State College of Aeronautics-Aviation Communication Department/ Institute of Liberal Arts and Sciences, the declared ender user. Any company/individual who will be recognized,

manufacturer or first tier distributor, after the bidding process will be considered the third party and will supply and deliver the said items.

A. SOFTWARE

General Specifications:

The usage of the software must be controlled through a USB security device (dongle) that limits operation to one computer per dongle at a time.

A radar (surveillance) skills training course in Enroute/Area surveillance control

The software shall teach the following skills:

1. Radar vectoring of aircraft in all configurations by reading visual cues to movement provided by a radar display;
 2. Separation of aircraft by their radar position and movement;
 3. Separation of aircraft by application of a vertical buffer between their levels;
 4. Separation of crossing and nose-to-nose aircrafts;
 5. Aircraft performance: Speeds, turn rates, climb and descent rates;
 6. Radio telephony phrases for control of aircraft;
 7. Aircraft callsigns format and usage;
 8. Sequencing multiple aircraft to a gate. Same track and multi-track configurations are included;
 9. Transfer of aircraft communication procedures and;
 10. HMI (Human Machine Interface) skills
- Performance reporting is made available and will be collected.

TOR FOR SUPPLY, DELIVERY AND INSTALLATION OF COMPUTER-BASED AIR TRAFFIC CONTROL TRAINING SOFTWARE

Features:

The following learning tools must be presented in the software's operational system:

1. Task trainer functionality
2. Task completion prompts
3. Scoring functionality
4. On-screen feedback of sequencing and separation performance

Subscription Features:

Years of subscription : every 1 year

Renewal : yearly (min. of 3 years)

Dongle : not less than 5 pcs

License

One (1) USB device is supplied with each license purchased.

Years of License : 1 year

Renewal : Renewable per year (min. of 3 yrs.)

B. TRAINING FOR FACULTY MEMBERS

Number of participants : not less than 3 participants

Training can be done through online or face-to-face set-up

Training program must cover the following but not limited to:

1. Fundamentals of the computer-based air traffic control training in terms of:
 - a. Vectoring
 - b. Conflict recognition and solution
 - c. Application of radar / surveillance separation
 - d. Sequencing
 - e. Interface usage
 - f. Multi-tasking
 - g. Scanning
2. Usage of the USB device where the software is installed.

III. Project Details and other Requirements

1. Allocated Budget for the Contract

The allocated budget for this project is nine hundred thousand pesos (P900,000.00) inclusive of taxes and other product inclusions.

2. Project Completion Period

Philippine State College of Aeronautics is expecting that the computer-based air traffic control training software will be delivered within 90 calendar days upon receipt of Notice to Proceed (NTP).

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3. Delivery Place

The product is expected to be delivered at Philippine State College of Aeronautics, Piccio Garden, Villamor, Pasay City.

4. Other Inclusive Services

The supplier shall cover the warranty of software and accessories under a specific duration including:

- a. Provide user manual and conduct training to PhilSCA faculty members for the operation of the computer-based air traffic control training.
- b. Provide service level agreement and discuss escalation procedure
- c. Consultation / Seminar for product use
- d. Product Demonstration
- e. Seminar for students
- f. Assistance with troubleshooting hardware issues on PhilSCA computers.
- g. Prompt email and telephone support for any aspect of the software functionality and training content.

5. Warranty

- a. One year (1) warranty for computer-based air traffic control training system, and services from the date of delivery.
- b. Provide upgrades, support, and bug-fixes for the full-term of the license period.

II. Documentary Requirements

1. Requirements of Product Providers

Valid appointment of the bidder as First Tier Distributor issued by the manufacturer.

Certification that the bidder has been engaged to the sales of manufacturer's product for the period of at least two (2) years.

Must be capable of delivering training for faculty members whether online or actual (face-to-face) training. Trainers profiled shall be available and must be authorized by the software provider/developer.

Supplier must be capable of delivering online technical service and support.

Presentation of product demo either actual or recorded and present brochures of product being offered.

2. Requirements if awarded the contract

- a. For the purpose of information on the components, systems, maintenance and operation of the computer-based air traffic control training software – visual vector shall be provided. Publications/Manuals shall be prepared in English language with electronic copies.

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- b. Technical Documents and Publication for the purpose of operation, maintenance and troubleshooting of the software and its attendant support requirement will be provided such as but not limited to:

1. Maintenance/Troubleshooting Manual
2. Experiment/Laboratory Manual
3. User's Guide Manual
4. Software Manual

The supplier shall ensure that any discrepancy due to material failure shall be corrected and delivered to the end user at supplier's expense 30 calendar days upon the receipt of Notice of Discrepancy from Philippine State College of Aeronautics.

Other Information

All quotations to be submitted ONLY to the official e-mail of Procurement Office addressed to the Acting Procurement Officer.

E-mail address: philscaprocedure@gmail.com

ASST. PROF. NOEL E. LAGUI

Acting Procurement Officer

Created by Romualdo Salud Intia

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