Republic of the Philippines
QUEZON CITY GOVERNMENT
BAC – Goods and Services
2nd floor, Procurement Department,
Finance Building, Quezon City Hall Compound

QUEZON CITY
Great.Green.Growing.

REQUEST FOR QUOTATION
SECTION 53.9
SMALL VALUE PROCUREMENT

DATE	:	**MARCH 14, 2023**
PROJECT NO.	:	**QCU-22-IT-1593B**

Name of Company	:	
Address	:	
Contact No.	:	
Project Title	:	SUPPLY, DELIVERY AND INSTALLATION WITH TRAINING OF COMPLETE ELECTRONICS 3D CIRCUIT DESIGN, SIMULATION AND CIRCUIT ANALYSIS SOFTWARE FOR THE BACHELOR OF SCIENCE IN ELECTRONICS ENGINEERING OF THE QUEZON CITY UNIVERSITY
Approved Budget of the Contract	:	**P 650,000.00**
End-User / Implementing Office	:	**QUEZON CITY UNIVERSITY**

Please quote your best offer for the item/s described below, subject to the Terms and Conditions provided. Submit your quotation duly signed by you or your duly authorized representative not later than **MARCH 17, 2023, 10:00 AM** Philippine Standard Time, together with the following documents of your company:

1. PhilGEPS certificate (not expired on the time of opening of quotations);
2. Business Registration (DTI/SEC)
3. Mayor's/Business Permit (2023);
4. Tax Clearance; and
5. Omnibus Sworn Statement prescribed by the **QC BAC- Goods and Services**
6. Income/Business Tax Return (for FY 2021) (For ABCs above P500,000.00)
7. If applicable, the JVA in case the joint venture is already in existence, or 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.

in a **SEALED LONG BROWN ENVELOPE** issued by **QC BAC- Goods and Services.**

ATTY. DOMINIC B. GARCIA
Officer-in-Charge / Head, BAC-Secretariat

TERMS AND CONDITIONS

1. Bidders shall **provide correct and accurate** information required in this form.
2. Price quotation/s must be valid for a period of thirty (30) calendar days from the date of submission.
3. Price quotation/s, to be denominated in Philippine Peso shall include all taxes, duties and/or levies payable.
4. Quotation **exceeding** the Approved Budget for the Contract (ABC) shall be **rejected.**
5. Award of contract shall be made to the lowest quotation (for goods) or the highest rated offer (for consulting services) which complies with the minimum technical specifications and other terms and conditions stated herein.
6. Any interlineations, erasures or overwriting shall be valid only if they are signed or initialed by you or any of your duly authorized representative/s.
7. The City General Services Department (CGSD) shall have the right to inspect the goods.
8. Non-submission of eligibility documents shall mean disqualification of Quotation.
9. Liquidated damages equivalent to one tenth (1/10) of one percent (1%) of the value of the goods not delivered within the prescribed delivery period shall be imposed per day of delay. CGSD shall rescind the contract once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, without prejudice to other courses of action and remedies open to it.
10. Failure to follow these instructions will disqualify your entire quotation.

After having carefully read and accepted the Terms and Conditions, I/We submit our quotation/s as follows:

ITEM NO.	ITEM & DESCRIPTION	UNIT OF ISSUE	QTY.	UNIT PRICE	ITEM TOTAL
1	This project aims to provide the Bachelor of Science in Electronics Engineering of QCU with that **Complete Electronics 3D Circuit Design, Simulation and Circuit Analysis Software** package of 5 Perpetual License - License is transferable to other device; by informing the provider, the license code will be released from the bind to the original device and will then be used for another device. The Project shall cover the following scope of services: A. SCOPE OF WORK 1. Delivery and Installation of the software at QCU. 2. The Service Provider shall provide at least 2 days training with total of 15 hours to at least 5 assigned lead trainers/faculty members through online courses available. B. TECHNICAL SUPPORT 1. The Service Provider shall assign a dedicated Account Manager to QCU for assistance upon request. 2. Deliver the technical installation and orientation to QCU team. 3. Supplier must immediately inform the client if there are any patches or upgrades available and how much it will cost, if any, after the purchase of the software.	license	5		

4. On site and remote/offsite support for technical concerns and course consultation. 5. Dedicated Technical support team shall be assigned 24/7 to answer all queries and concerns from the students, faculty and administrators/management via call, sms or e-mail.					
with attached Terms of Reference					
				TOTAL:	

Amount in Words: _____

_____

Delivery Period : **Forty (40) Calendar Days**

Warranty : _____

_____
Signature over printed name

_____
Office Telephone No./Fax/Mobile No.

_____
Date

_____
Email Address

Other Requirements:

1. Notarized Affidavit of Undertaking stating compliance to the following:

   THE SUPPLIER WILL PROVIDE THE FOLLOWING:
   ➢ On-site Training Course Consultation - provide support, insight and techniques for the effective delivery of the concepts and processes to the students.
   ➢ Materials - complimentary softcopy of presentation slides, manuals, quick guides, for use of lead trainers/faculty members.

2. Statement of Warranty

   ➢ Minimum of one (1) year warranty for the maintenance and services.
   ➢ The supplier must provide one (1) year after-sales service and continuous technical support after warranty period. For Technical Support, supplier must have a locally hired technical expert for the quick response of any concern and a second level of expert from developer for the high-level concern.

TERMS OF REFERENCE

Supply, Delivery and Installation with Training of Complete Electronics 3D Circuit Design, Simulation and Circuit Analysis Software for the Bachelor of Science in Electronics Engineering of the Quezon City University

I. RATIONALE AND BRIEF BACKGROUND

Major subjects of the Bachelor of Science in Electronic Engineering of the Quezon City University includes Computer Programming, Circuits 1 and 2, Electronics Devices and Circuits, Circuit Analysis and Design, Electronic Systems and Design, Logic Circuits & Switching Theory, Microprocessor/Microcontroller Design, Principle of Communication, Modulation & Coding Techniques, Microelectronics (Analog & Digital IC), Power Electronics and Instrumentation & Control. These topics will be performed using **Complete Electronics 3D Circuit Design, Simulation and Circuit Analysis Software**

Complete Electronics 3D Circuit Design, Simulation and Circuit Analysis Software is a powerful yet affordable circuit simulator, circuit designer and PCB design software package for analyzing, designing, and real time testing of analog, digital, IBIS, HDL, MCU, and mixed electronic circuits and their PCB layouts. You can also analyze SMPS, RF, communication and optoelectronic circuits; generate and debug MCU code using the integrated flowchart tool; and test microcontroller applications in a mixed circuit environment.

Typical uses include:

- A Powerful Circuit design software that can be used with a perpetual license.
- Features and uses: Schematic Design, Circuit Analysis, PCP Layout, Interactive Animated 3D View, 3D Model Import, Bill of Material, Embedded System, VHDL and VERILOG, Education and Training learning materials
- Can be used for the following subjects: Electronics 1&2, Industrial Electronics, Electric Circuit 1&2, Logic Circuit and Switching Theory/Digital Electronics, Advanced Logic Circuits Design, Introduction to HDL, Embedded System, and Communication.
- Can be used to create teaching materials and examination
- Can customized or design your own electronics component
- Can combine or work with graphical schematic design with the Hard Coding circuit design in one main working area.
- Can be used in analyzing the circuit or a circuit troubleshooting with the help of available circuit analysis such as DC Analysis, AC Analysis, Transient Analysis, Digital Analysis, Fourier Analysis, Symbolic Analysis, and Noise Analysis
- With lots of pre-made circuit design examples to use or to modify depends on the subject matter.
- With lots of virtual instruments like: Multimeter, Volt Meter, Current Meter, Power Meter, Impedance Meter, Ohm meter, Logic Analyzer, Oscilloscope, Function Generator, Signal Analyzer, Spectrum Analyzer, Network Analyzer, Frequency Meter, Efficiency Meter, Average Meter, and Digital Signal Generator.
- Can be used in PCB layout with customized footprints creator if no footprint available.
- The Schematic Design can be view and interact with Interactive Animated 3D View.

It is in this light that this project is requested to ensure that students will have available software to use this 2nd semester of SY 2022-2023. In view of the preparation for the upcoming full or limited face to face where the laboratories are deeply needed it is required that **Complete Electronics 3D Circuit Design, Simulation and Circuit Analysis Software** will be purchased so that the students will have 3D Circuit Design, Simulation and Circuit Analysis Software developed for electronics and communication engineering courses.

II. PROJECT DESCRIPTION

This project aims to provide the Bachelor of Science in Electronics Engineering of QCU with that **Complete Electronics 3D Circuit Design, Simulation and Circuit Analysis Software** package of 5 Perpetual License – License is transferable to other device; by informing the provider, the license code will be released from the bind to the original device and will then be used for another device).

<u>Technical Feature:</u>
FEATURES AND CAPABILITIES:

- **Editing and Presentation Tools**
  - Schematic, Netlist, and Symbol Editor
  - Schematic Symbol and Footprint Editor
  - Macros and user defined components
  - Live 3D Breadboard View
  - Interpreter
  - Flowchart Editor and Debugger
  - Sophisticated Diagram Tool with Post-processor

- **Analog, Digital, VHDL, Verilog, SystemC, MCU, Symbolic Mixed-mode and Interactive Simulation**
  - DC Analysis
  - AC Analysis
  - Transient Analysis
  - Digital Simulation
  - HDL Simulation
  - Microcontroller Support
  - Mixed mode Simulation
  - Interactive mode
  - Symbolic Analysis

- **Microcontrollers**
  - MCU Simulation and Debugger
  - Linux and Android Simulation
  - Mixed Spice-MCU Simulation and Debugging

- **Simulated Measurement with Virtual Instruments**
  - Digital Multimeter
  - Function Generator
  - Signal and Network Analyzer
  - Digital Signal Generator
  - Logic Analyzer

- **Hardware Description Languages**
  - VHDL
  - Verilog
    - Verilog-A
    - Verilog-AMS
  - System C
- **Advanced Analysis and Synthesis Tools**
  - Multiparameter Optimization and Design tool
  - Noise Analysis
  - Monte Carlo and Worst-Case Analysis
  - Fourier Analysis
  - Network Analysis
  - SMPS Analysis
  - Filter Design
  - Logic and Finite State Machine Design

- **PCB Layout and Design**
  - PCB Design
  - Automatic and Manual Design Tools
  - Creating flex PCBs
  - Importing Enclosures
  - Animated 3D view

- **Learning, Teaching and Training**
  - 1200 circuits and Integrated E-Books
  - Problem Solving
  - Teach and Learn Troubleshooting
  - as a Learning Management Tool

Minimum Hardware and Software Requirements:
- Intel Pentium or equivalent processor
- 1 GB of RAM
- 1 GB of available hard disk space
- CD-ROM (if delivered on CD)

- Mouse
- VGA adapter card and monitor
- For 3D breadboard and PCB preview hardware OpenGL is suggested, but not required
- Operating System: Microsoft XP / Windows 7 / Windows 8 / Windows 10
- Supported Networks (for Network versions): MS Windows 2000/2003/2008/2012 Server or later, Novell Netware version 3.12 or later, Linux with Samba file server for SMB clients, Citrix Presentation Server If the program is copy protected by a hardware key (dongle), the minimum hardware configuration includes also a USB port

III. PROJECT SCOPE OF WORK AND DELIVERABLES

The Project shall cover the following scope of services:

A. SCOPE OF WORK
  1. Delivery and Installation of the software at QCU.
  2. The Service Provider shall provide at least 2 days training with total of 15 hours to at least 5 assigned lead trainers/faculty members though online courses available.
B. TECHNICAL SUPPORT
  1. The Service Provider shall assign a dedicated Account Manager to QCU for assistance upon request.
  2. Deliver the technical installation and orientation to QCU team.
  3. Supplier must immediately inform the client if there are any patches or upgrades available and how much it will cost if any after the purchase of the software.
  4. On site and remote/offsite support for technical concerns and course consultation.
  5. Dedicated Technical support team shall be assigned 24/7 to answer all queries and concerns from the students, faculty and administrators/management via call, sms or e-mail.

IV. PROJECT STANDARDS AND REQUIREMENTS

A. SUPPLIER WILL PROVIDE THE FOLLOWING:
  1. On-site Training Course Consultation - provide support, insight and techniques for the effective delivery of the concepts and processes to the students.
  2. Materials - complimentary softcopy of presentation slides, manuals, quick guides, for use of lead trainers/faculty members.
  3. Provide 1 Year after-sales service and continuous technical Support after warranty period. For Technical Support, supplier must have a locally hired technical expert for the quick response of any concern and a second level of expert from developer for the high-level concern.
  4. Inclusive of 1 year warranty for the maintenance and services.
  5. As part of the requirements in RA 9184, the bidder must have completed a government or private contract that is similar in nature to this project within the last three (3) years equivalent to at least fifty (50%) of the approved budget of the contract.

B. END-USER IS EXPECTED TO:
  1. Provide a Laboratory Assistant in-charge who will work closely for the Laboratory Room.
  2. Provide five (5) computers in the Laboratory Room.

V. APPROVED BUDGET FOR THE CONTRACT

The budget for this contract is Six Hundred Fifty Thousand Pesos and 00/100 only **(Php 650,000.00).**

VI. DELIVERY PERIOD

The delivery period is 40 calendar days upon issuance of Notice to Proceed.

VII. BASIS FOR PAYMENT

The payment shall be a one-time payment upon completion of the project, subject to full compliance to the Procurement Law (RA 9184) and auditing rules and regulations.

VIII. PENALTIES FOR BREACH OF CONTRACT

Failure to deliver the goods and services according to the standards and requirements set by the City Government shall constitute an offense and shall subject the Contractor/Service provider to penalties and/or liquidated damages pursuant to RA 9184 and its revised implementing rules and regulations.

IX. CANCELLATION OR TERMINATION OF CONTRACT

The guidelines contained in RA 9184 and its revised implementing rules and regulations shall be followed in the termination of any service contract. In the event the City Government terminated the contract due to default, insolvency, or for any cause, it may enter into negotiated procurement pursuant to Section 53(d) of RA 9184 and its IRR.
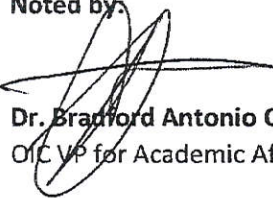
X. EFFECTIVITY

Upon approval of the contract by the Honorable Mayor or his duly authorized representative.

Prepared by:

Engr. RYAN E. ARAGO
OIC Dean, College of Engineering

Noted by:

Dr. Bradford Antonio C. Martinez
OIC VP for Academic Affairs

THERESITA V. ATIENZA, DEM
University President