

TERMS OF REFERENCE

SUBSCRIPTION TO PROFESSIONAL INTEGRATED DEVELOPMENT ENVIRONMENT (IDE) SUITE WITH CLOUD DEVELOPMENT & OPERATIONS (DEVOPS) SERVICES

I. RATIONALE AND BRIEF BACKGROUND

One major objective of the Quezon City University (QCU) is to produce Information Technology (IT) Professionals who are well-versed in cross-platform systems development across various business and industry applications. This thrust can be achieved by providing the students with the necessary tools and training needed for the development of their knowledge and skills.

An Integrated Development Environment (IDE) is among these software tools used by programmers, systems developers and students. An IDE is a software application that helps programmers develop software code efficiently. It increases developer productivity by combining capabilities such as software editing, building, testing, and packaging in an easy-to-use application.

II. PROJECT DESCRIPTION

The required integrated development environment (IDE) must be full-featured, enabling the users to code, debug, test, and deploy applications to any platform. This development solution must work on leading desktop platforms and must enable the trainees / students to create web and mobile apps for Android, iOS, Mac, Windows, web, and cloud. The IDE must have the capability to develop computer programs for Microsoft Windows, Linux as well as websites, web applications, and web services. The platform must have version control, agile planning, and application control for large teams. The required IDE should enable programmers to work on codes on popular platforms like Windows, Mac OS X, and Linux. The IDE platform must have a code editor that supports IntelliSense (the code completion component) as well as code refactoring. It must have built-in tools such as a forms designer for building GUI applications, web designer, class designer, and database schema designer. This IDE platform must support different programming languages.

III. PROJECT SCOPE OF WORK/SERVICES

The Project shall cover the following scope of services:

1. The Project shall cover the acquisition of licensed, registered and legal software program, known as an Integrated Development Environment (IDE) studio suite, which has (but not limited to) the following features:
2. Code editor and Integrated debugger.
3. Other built-in tools include a code profiler, designer for building GUI applications, web designer, class designer, and database schema designer.
4. Supports different programming languages and allows the code editor and debugger to support (to varying degrees) nearly any programming language, provided a language-specific service exists.
5. Built-in languages include C, C++, C++/CLI, Visual Basic .NET, ASP.NET, C#, F#, JavaScript, TypeScript, XML, XSLT, HTML, and CSS. Support for other languages such as Python, Ruby, Node.js, and M among others must be available via plug-ins.

6. Build responsive Web UIs in C# with Blazor.
7. Build, debug, and test .NET and C++ apps in Linux environments.
8. Develop cross-platform mobile and desktop apps with .NET MAUI.
9. Must include subscription services/access for cloud-based storage, development and operations (DevOPs).

IV. PROJECT STANDARDS AND REQUIREMENTS

1. The Provider shall provide an access code for a period of 12 months from the time of activation.
2. The bidder should be a platinum member of PhilGEPS
3. The bidder must have prior government or private contracts involving the same or similar project.
4. Provide aftersales support throughout the subscription period and technical support until the end of the 12 months subscription period from the time of activation.

V. PROJECT DURATION

The Project duration shall be for twelve-month period and shall be accessed within 30 calendar days upon issuance of the Notice to Proceed (NTP).

VI. APPROVED BUDGET FOR THE CONTRACT

The budget for this contract is **TWO MILLION TWO HUNDRED FORTY SIX THOUSAND FOUR HUNDRED PESOS ONLY (Php 2,246,400.00)** for 50 users.

VII. TERMS OF PAYMENT

Procuring entity shall pay the provider 100% of the total amount upon activation of the access and shall be based on the actual number of enrolled students.

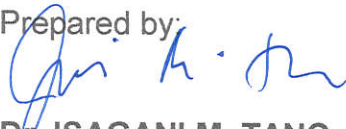
VIII. PENALTIES FOR BREACH OF CONTRACT

Failure to deliver the 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.

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