REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
PHILIPPINE COCONUT AUTHORITY
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Central Office Bids and Awards Committee
SUPPLEMENTAL BID BULLETIN NO. 02

Supply, Delivery, Installation and Configuration of National Coconut Farmers Registry System Software with Geographic Information System (GIS)

Bidders are hereby notified of the clarifications, modifications, revisions and amendments to certain provisions of the Bid Documents particularly as published in the PhilGeps website. This shall form an integral part of the Bid Documents.

1) **SECTION VII. TECHNICAL SPECIFICATIONS:**

REVISED TERMS OF REFERNCE

SPECIFICATIONS	COMPLIANCE
Key Application Modules	
· Farmers Portal	
· Farmers Registration (Coconut and Oil Palm)	
· Dashboard	
· Reports	
· User Management	
· Task Management, Calendar and Scheduling	
· Native Mobile Application	
· Search Engine/Lookup	
System Features	
· User license: unlimited	
· Web-based system with native mobile application (for offline processing)	
· Responsive/Adaptive design for compatibility with various devices	
· Compatible for integration with existing PCA information systems	
· Scalable design for future upgrade/enhancement, and integration with software programs	
· System must be multi-site and multi-user	
· Built-in Short Messaging System (SMS) based on user grouping or departments with preloaded 5,000 SMS to any network	
· Customizable executive and user- level dashboards for monitoring and analytics	
· Built-in instant messaging system (for internal system users)	
· Built-in E-mail messaging capability via SMTP (for internal system users)	
· Centralize and Aggregation of Data capability	
· System must be capable of information dissemination in the form of global announcements, push-notifications and alerts	
· Executive Dashboard for high-level monitoring and analytics	
· Customizable Dashboard capable of up to 10 templates	
· Generate online and offline thematic maps	

· System and database maintenance management	
· Customizable reports	
· User activity monitor	
· Capable of managing global calendars	
· Compatibility with ArcGIS, QGIS, Google Map, OpenStreet Map, OpenOffice, OCR, LDAP, QR Code, Bar Code	
Additional Requirements	
· The system must be able to support popular/leading programming language (Java, Java Script ExpressJS/NodeJS, PHP, C/C++/C#, Python, Scala, Kotlin, Dart)	
· The system must be extended to native mobile applications development preferably Android.	
· Must have supporting native mobile application for offline/online processing. Application Programming Interface (API) used/provided by the developer must be turned over to PCA as part of the User Acceptance Testing (UAT)	
Security and Support	
· Centralized management of user roles/access rights	
· Audit trail and Activity Log	
· Captcha	
· 2 Form Factor Authentication	
· 256-bit database encryption	
· Remote monitoring of system health status	
· Compatibility with popular/leading platforms (MS Windows, MacOS/iOS, Android, Linux)	
· Compatibility and support for popular/leading web browsers (Chrome, Edge/Explorer, Safari, Firefox)	
Vendor's Qualification	
· The provider of the system must provide certification training for PCA Programmers and certify them for the use of the platform and its software they develop Distributor/Manufacturer.	
· Supplier must submit the following as part of eligibility and technical documents: a) Certificate of exclusivity or authorized reseller or equivalent (if reseller or partner) and/or b) Certificate of ownership of the software to be developed.	
· Vendor must have completed a complex software deployment with contact value of at least 50% of the ABC.	
Implementation Services	
· Software delivery after Notice to Proceed (NTP) = 90 calendar days	
· Installation and Configuration of the software	
· System testing and user acceptance testing	
· Training for system administrator and users (classroom type) after completion of system testing and user acceptance testing and until the system is operational	
Mode of Payment	
· Payment shall be paid in full upon acceptance of the software	

Warranty and Support	
· Two-year free maintenance and technical support for operational assistance, code adjustment, bug fixes, security vulnerability effective upon acceptance of the software.	
· The bidder must provide as part of their technical support during the two-year warranty the following personnel:	
➢ **At least one (1) Project Manager/s**	
· must have a Bachelor's Degree.	
· must be Project Management Institute (PMI) accredited as Project Management Professional (PMP) with active certificate which expiry must be valid at least until the provided project timeline is completed.	
· must be Project Management Institute (PMI) accredited as PMI Agile Certified Practitioner (PMI-ACP) with active certificate which expiry must be valid at least until the provided project timeline is completed.	
· must be a Lean Six Sigma Belt Professional with active and valid certificate issued by a certifying body which expiry must valid at least until the provided project timeline is completed.	
· must have extensive knowledge in Project Management	
➢ **At least three (3) Software Programmers**	
At least (1) of these Programmers must have:	
· at least (10) years experience in Software Development	
· extensive knowledge and experience in Microsoft Active Directory, Exchange, Sharepoint	
· and other Microsoft Applications	
· extensive knowledge and experience in software development in the following languages (vb.Net, Java, JavaScript	
· NodeJS, JavaScript ExpressJS, PHP, C/C#/ C++, Scala, Python, Kotlin, Dart)	
· extensive knowledge and experience in Windows, Linux, and Unix operating system	
· extensive knowledge and experience in MYSQL, MSSQL, Oracle SQL, Postgre Databases	
· advance knowledge in network security using PFSense	
All (3) Programmers must have:	
· at least (1) year experience in Software Development	
· extensive knowledge and experience in software development in the following languages (Java, JavaScript NodeJS, JavaScript ExpressJS)	
· extensive knowledge and experience in Windows and Linux operating system	
· extensive knowledge and experience in MYSQL, MSSQL, Databases	
Note: The bidder must submit the above list of personnel to be assigned for their technical support including its curriculum vitae with supporting certificates as required during the Post-Qualification.	
· Support for patches and software upgrades to its latest version within coverage period	
· Service-Level Agreement (SLA): 4-hour response time, 24 hours, 7 days a week including holidays	

2) SECTION III. BID DATA SHEET

FROM:

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20.2	No further instructions.

TO:

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20.2	In addition to the submission of the Bidder of its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) during the post Qualification stage, the following documents must be submitted: • List of personnel to be assigned under the warranty and support provision including their curriculum vitae with supporting certificates as required under the TOR.

3) DEADLINE FOR SUBMISSION AND OPENING OF BIDS:

FROM	TO
May 14, 2021; 10:00AM	May 18, 2021; 10:00AM;

Note: Bids must be duly received by the BAC Secretariat through **manual/physical submission** at 5th Floor, PCA R&D Building, Elliptical Road, Diliman, Quezon City, on or before the date and time indicated above. Late bids shall not be accepted.

Any provisions in the Bid Documents inconsistent herewith are hereby amended, modified and superseded accordingly. For the information and guidance of all concerned.

ERLENE C. MANOHAR
Chairperson, Bids and Awards
Committee