BID BULLETIN NO. 03
20 May 2025

Attention is hereby invited to the Bidders of the Project **Supply, Delivery, Installation, and Commissioning of Safety Oversight Management System (SOMS) for CAAP Including the Software and Hardware Component with Bid No 25-20-04 BRAVO**

Please be informed of the following revisions:

Question	Clarification
Request clarification on the basis for determining the foreign exchange rate or conversion rate in cases where contract amounts are denominated in foreign currency. For example, if the Single Largest Completed Contract (SLCC) is valued at USD 100,000.00 and the Purchase Order was issued in January 2020, what reference or basis will be used to determine the applicable exchange rate or converted peso amount?	**The dollar rate can be based on the Bangko Sentral ng Pilipinas (BSP) Reference Exchange Rate Bulletin for the month and year the contract was signed.**
Request an extension of the project implementation period from 180 days to <u>540 days</u>. Would CAAP consider extending the implementation timeline (Section VI. Schedule of Requirements, items 1 to 5) to <u>3 years</u>? As per our assessment, this timeline will be more amenable as per our experience given the comprehensive requirements of the Authority, including the system integrations & and migrations being required by CAAP. May we confirm if the 18 months duration stated here is the whole project duration? If so, may we request this to be updated to 3 years?	**The implementation period of the whole project will be retained to one hundred eighty (180) calendar days upon issuance of the Notice to Proceed.**

The feasibility of accepting notarized documents in lieu of apostille-certified ones for this international joint venture and any additional measures or documentation that may be required to address concerns regarding authenticity and validity.	**CAAP shall accept notarized documents from their country of origin during the Submission and Opening of Bids. Pursuant to Sec. 20.2.9.2 of the IRR of RA 12009, the required apostilled documents shall be requested during the Post Qualification.**
Can we bring the experience of SLCC on similar projects implemented in an Airlines or a Service Provider and other Private Entities? The Prebid Meeting held on 30th April 2025 in the presence of BAC and CAAP, our proposal was agreed upon. As such, ITB Clause 5.3 may be recoined as follows; "For this purpose, a similar contract for each major category of work, shall be: a. SOFTWARE COMPONENT: Php300,000,000.00 *Installation and Implementation of Safety Oversight Management System for Aviation Authorities and/or, any Airlines, Service Provider and Private Entity including the Cloud Hosting Services or its equivalent;"* [Justification: As we see the Specifications for the Software as advertised under Section VII, Safety Oversight Management is a similar concept for any aviation entities including airlines and aviation service providers. Though CAA/NAA has a bit different requirements often because they have to face an audit. Yet ICAO Audits are also Protocol Question based, and Airlines Audits and Compliance are also often question based. Service providers also have similar modules to address the ICAO Critical Elements and Safety oversight within the Company. Hence, minor	**The provision stated in the Bid Document ITB Clause 5.3 will be:** **For this purpose, a similar contract for each major category of work, shall be:** a. **SOFTWARE COMPONENT: Php300,000,000.00** **Installation and Implementation of Safety Oversight Management System for Aviation Authorities, or any Airlines, or Service Provider related in the Aviation industry, including the Cloud Hosting Services or its equivalent;** b. **HARDWARE COMPONENT: Php50,000,000.00** **Supply and Delivery of ICT Equipment**

tools and deviations can be easily customized as per specifications for CAAP Tools. Such Single Largest Contract experience and large amount investments in airlines inhouse software can bring in more competitive vendors as delivery is end of the day is similar which is to ensure Safety oversight Functions.]
 	
It was also clarified that Single Largest Completed Contract (SLCC) will be half of the Approved Budget for the Contract (ABC) where it can be combined 350 million Pesos or, separate for software is 300 million Pesos and Hardware is 50 million Pesos.
 	
Example:
 	
ABC = 300 million Pesos, and 50% is 150 million Pesos for the Software.
 	
So SLCC Calculation as Follows for the Software Part: 75 Million Pesos (50%) for one Single Contract + Rest 50% with few contractual amounts together another 75 million Pesos.
 	
Similarly for Hardware 50% of 50 million Pesos is 25 million Pesos.
 	
So SLCC for Hardware Part Calculation: 12.5 million Pesos (50%) one Single Contract for any items of IT + rest 50% with few contractual amounts together another 12.5 million Pesos.
	For clarification:
	
	Option 1: SLCC shall be at least one (1) contract similar to the Project, which must be at least equivalent to at least fifty percent (50%) of the ABC. Hence:
	
	  a. **1 similar contract for Software, where the single similar contract must be at least 150 Million Pesos**
	            AND
	  b. **1 similar contract for Hardware, where the single similar contract must be at least 25 Million Pesos.**
	
	Option 2: SLCC shall consist of at least two (2) similar contracts. The aggregate contract amounts should be equivalent to at least 50% of the ABC, and the largest of these similar contracts must be equivalent to at least half of the 50% of the ABC. Hence:
	
	  a. **For Software: 1 similar contract amounting to at least 75 million Pesos, plus one or more contracts totaling 75 million Pesos, with the total amount of all contracts amounting to 150 million Pesos.**
	            AND
	  b. **1 similar contract at least amounting to 12.5 million Pesos, plus one or more contracts amounting to 12.5 million Pesos, with the total amount of all contracts amounting to at least 25 million Pesos.**

Can we confirm that bidders can propose public clouds as part of the	**Bidders can propose any Solution from a reputable Public Cloud Service Provider.**

solution under item 3 of Sec VII of the bid documents.	
Public clouds do not publish the tiering categories of their data center but they publish their SLAs. Can we confirm that we can submit documents as proof of tier 3 in alignment to the required SLA of the bid documents.	**Tier 3 or its equivalent is acceptable.**
What is the preferred region of CAAP for the main cloud DC and the region for backup and DR?	**The Primary Cloud Data Center is preferably within NCR or the Greater Manila Area (GMA). The DR site should be at least 20 kilometers from the Primary Cloud Data Center.**
Can the bidder submit equivalent certification to show proof of compliance for ANSI/TIA 942B. Public clouds comply with ISO22301. It sets out requirements for organizations to plan, establish, implement, operate, monitor, review, maintain, and continually improve business continuity management system.	**The TOR requirement is retained.**
Can we confirm that CAAP requires a dedicated server infrastructure as it states a specific CPU, memory requirements.	**It is indicated in the TOR that the Cloud Hosting minimum requirements should be in High Availability (or equivalent), shared compute, network, storage, and security configuration for the primary and disaster recovery site.** **The CPU, Memory requirements/specifications are the minimum; equivalent or higher specifications are acceptable.**
If CAAP does not require a dedicated server infrastructure, can the bidder propose an equivalent PaaS design and components to satisfy the TOR.	**Platform as a Service (PaaS) is acceptable if it is technically compliant with the TOR minimum requirement.**
Can the bidder submit equivalent documents/proof of compliance on the specifications and required physical security of the proposed public cloud provider?	**TOR requirement is retained.**

Can the bidder submit URLs as reference and proof of compliance to the TOR?	**Bidders should submit a printed proof of compliance.**
For the required Annual Financial Statement (AFS), can a bidder submit an electronically accepted AFS.	**Yes, bidders can submit their electronically accepted Latest Audited Financial Statements (electronically accepted AFS).**
For Ongoing Government and Private Contracts, do we need to attach supporting documents e.g. NOA or NTP or Contract/PO upon bid submission?	**Attachments are not required during the bid opening. However, these may be requested during the post-qualification.**
Also, may we know what is the existing system being used by CAAP?	**The existing system being used by CAAP is the Civil Aviation Safety Oversight Reporting and Tracking (CASORT).**
Proposed new payment terms: Above proposed terms will help us, CAAP & the prospective bidders align project deliverables with our financial planning, ensuring that adequate resources are allocated to support successful project execution and delivery.	**The existing payment terms stated in Section V. Special Conditions of the Contract under 2.2 will remain as stated in the Bidding Document.**
For the purpose of accurately scoping the integration requirements with your existing infrastructure, we would like to request CAAP to provide information regarding CAAP's current payment portal: • Brand/Technology being used • System Information, such as version, OS, platform being used, etc. • Database & Security Protocols being used Limitations of the current system such as compatibility, etc. Also, may we know what specific data needs to be shared between our proposed payment portal and CAAP's existing one.	**The payment portal presently being used by CAAP is the Land Bank of the Philippines Link.Biz Portal. The specific data needed for the payment portal will be discussed with the winning bidder.**

May we confirm that delivery and acceptance of the Hardware components will be in: Civil Aviation Authority of the Philippines, Old MIA Road, Pasay City, 1300 Metro Manila As for the **100 units Mini PC, 10 Units Pen tab, and 10 Units Webcam**, we have observed that these requirements are not linked to any specific use case in the SOMS project. Since they don't seem to directly support system development, integration, or setup, would it be possible to omit these requirements instead? Omitting these will help us allocate more resources to the more important components of the project.	**The delivery and acceptance of the Hardware components (mini PC, tablet, laptop, webcam, and pen tab) will be at the Civil Aviation Authority of the Philippines, Old MIA Road, Pasay City, 1300 Metro Manila, as stated in the Bidding Document.** **All the required IT equipment is essential for effectively and efficiently accomplishing the CAAP's oversight functions, such as certification, surveillance, and resolution of safety concerns, and hence they are retained.**
Regarding the Commercial Off-The-Shelf (COTS) solution, we recommend that CAAP consider looking for a solution that is widely recognized and used internationally. This will help ensure that the proposed solution meets global standards and provides the scalability, support, and integration needed to support CAAP's long-term goals and growth.	**TOR requirement is retained.**
Regarding the system ownership requirement outlined in the Terms of Reference, we kindly propose updating this to a 'license to use' model, which is the standard for most enterprise-grade solutions. We want to assure you that all data provided by or originating from CAAP will remain solely owned by CAAP. Full ownership is typically associated with custom-built solutions, where the client is responsible for updates, maintenance, and security. In contrast, enterprise systems are generally provided under a subscription or license model, granting CAAP full access to use the system as long as the	**Revision on the Bid Document** **Section VII item 2.1.9 Ownership** **Once developed, the ownership of the database shall be retained by the CAAP. The winning bidder shall provide a license certificate for the continuous use of the developed system. (Perpetual or subscription certificates are qualified to bid)**

subscription is active, without the need for ownership of the system itself.	
We kindly request that mobile offline availability be omitted due to concerns around data accuracy and security. Key functions, such as payment processing, report generation, and real-time updates, require an internet connection for proper verification and synchronization. Offline use could lead to data conflicts, security risks, and compliance violations. We recommend focusing on mobile availability that is online to ensure smooth and secure operations. Also, is smartphone support mandatory, or would support for Windows-based portable devices (e.g., tablets, laptops) be sufficient?	**For revision of the Bid Document:** **The offline capability of the system may be provided, but it is not mandatory.** **The system's offline capability applies to the templates, checklists, job aids, and forms that are downloadable from the system. All tasks accomplished offline may be saved on the system and synchronized once the internet is available.** **The proposed system must be accessible through a PC, tablet, and smartphone.**

We kindly request the removal of offline capability for the employee application portal due to potential risks related to data accuracy, security, and compliance. Offline access could lead to data discrepancies and expose sensitive employee information to security vulnerabilities. To ensure accurate information, real-time synchronization, and security, we recommend an online-only solution. Could CAAP clarify if the term "offline" refers only to specific modules (e.g., audits), rather than full offline capability for the entire system?	***See reply above***
May we ask how many participants are expected to join the training sessions? • Training for Software (DBA, Trainors, EUs) • Training for Cloud Hosting Also, will the trainings be a one-time session at CAAP's main office? Kindly confirm whether CAAP or the winning bidder will be responsible for organizing the training venue and handling related logistical arrangements, such as meals, accommodation, and transportation for the trainees.	**The implementation of training will be discussed with the winning bidder. As stated in item 6 of the TOR, the winning bidder must submit the training course outline subject to approval of CAAP. The submitted course outline shall determine to flow of the training.** **CAAP will be responsible for the training venue and participants.** **The winning bidder will be responsible for logistics, meals, training certificates, and other incidental expenses during the training.**
We respectfully request CAAP to clarify the expected scope of system	**As specified in item 5.2 of the TOR, the maintenance service shall**

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enhancements and updates during the three-year maintenance period. Specifically, we would like to confirm whether the scope will be limited to routine maintenance, such as bug fixes and performance improvements, or if it will also include major feature upgrades or system changes. This will help us prepare a more accurate proposal and allocate the appropriate level of support and resources. For instance, if updates are expected to meet new ICAO requirements, such as changes in security protocols or reporting formats, these may require not only software modifications but also additional testing, validation, and user training. Also, can we also request CAAP to share your change request process to govern user-driven enhancements?	**include updates in accordance with the ICAO requirements, system enhancements, new features, bug fixes, and support for error handling.** **The change request handling is included as a requirement from the winning bidder as stated in item 1.2 of the TOR and will be discussed with the winning bidder during the implementation of the project.**
For the Technical Library: Will CAAP accept a third-party solution that can comply with these requirements?	**As long as the third-party solution is integrated into the proposed system.**
Could CAAP specify which systems must be integrated at a minimum (e.g., HR, finance, safety databases)? We would also like to request detailed technical information for each of the systems that need to be integrated. This includes details such as the operating system, database type, platform or technology stack, and any available APIs or integration tools.	**The specific requirement on page 55 pertains to the requirements for the Safety Issue Database; therefore, the integration and links will include safety issue databases.** **The TOR provides the minimum requirement; any upgrade and/or additional features are welcome as long as they do not cost CAAP additional cost.**
As confirmed by CAAP representatives during the Pre-Bid Conference, the requirement specifies Public Cloud Hosting. With this in mind, we'd like to suggest a revision to the current technical	**TOR requirement is retained.**

specifications, which currently describe a co-location facility setup. The existing language seems to align with a particular local data center provider, potentially limiting the flexibility of vendor options. To ensure a more open and competitive process, which could ultimately benefit CAAP, we recommend adjusting the specifications to reflect a true public cloud setup. This would allow for greater flexibility, while still meeting the necessary requirements for security, scalability, and reliability.	
Could you specify the current database brand and version in use by CAAP? What is the approximate size of CAAP's existing database (in GB or TB) to help us assess storage and performance requirements? Does CAAP have a preferred database solution for this project, or would alternative database technologies be considered based on compatibility and performance needs?	**This will be discussed with the winning bidder.** **CAAP requirements are stated in the TOR.** **CAAP preferences are all stated in the TOR.**
On page 56, under Regulatory Standards Development Division, the use of AI to automate State Letter processing and identify affected areas is still an experimental approach and poses significant risks—especially in the aviation industry, where precision, safety, and regulatory compliance are paramount. Implementing AI in this context without proven reliability could lead to serious consequences. In light of these concerns, may we respectfully request that this requirement be reconsidered for removal from the current scope, or deferred to a future phase where it can be more safely evaluated and implemented?	**TOR requirement is retained.** **As stated in page 56 "The system should come up with a module capable of online collaboration within the division in the development of the regulation. "** **There is no mention that the bidder must use AI technology.** **The bidder has the opportunity to recommend how the requirement of the RSDD may be accomplished.**
On page 56, under Regulatory Standards Development Division, tools	**As stated in page 56, "the online collaboration is within the division**

for online collaboration in regulation authoring and publishing are typically outside standard system offerings. Is the provision of such collaborative authoring tools expected as part of this bid, or will it be handled separately?	**in the development of the regulation."** **The bidder has the opportunity to recommend how the requirement of the RSDD may be accomplished.**
Could the authority consider a model based on the **lowest evaluated bid** (most economically advantageous offer)? If so, will a formal evaluation formula be provided?	**CAAP follows the "Lowest Calculated Responsive Bid" provided under the Procurement Law.**
We are currently exploring a partnership with a foreign entity for this project. In line with this, we would like to seek confirmation from CAAP on whether our potential foreign partner may submit their required documents notarized in their country of origin, rather than in the Philippines. Allowing notarization in their home country would significantly streamline document preparation and reduce processing time, especially considering the logistical and administrative constraints. Alternatively, would a formal confirmation or attestation from the relevant foreign authority suffice in lieu of notarization?	**CAAP shall accept notarized documents from their country of origin during the Submission and Opening of Bids. Pursuant to Sec. 20.2.9.2 of the IRR of RA 12009, the required apostilled documents shall be requested during the Post Qualification.**
We respectfully request reconsideration of the eligibility requirement stated in the bidding documents, specifically: *"Supplier's proposed brand of Tablet, Laptop and Mini PC must have been locally and internationally marketed and sold for at least twenty (20) years prior to the scheduled date of bid opening."* We propose that the required number of years be reduced to 5 to 10 years to tablet, to allow broader participation and ensure competitive bidding while	Revision the TOR *"Supplier's proposed brand of Tablet, Laptop and Mini PC must have been locally and internationally marketed and sold for at least ten (10) years prior to the scheduled date of bid opening."*

still ensuring that only reputable and established brands are considered. We believe this adjustment will encourage more qualified suppliers to participate and ultimately support the procurement of high-quality devices that meet your technical and service requirements.	
*** Nothing Follows***	

For the information and guidance of all concerned.

Noted by:

JOSE DENNIS S. AREVALO
Officer-in-Charge
Information and Technology Department

ATTY. DANJUN G. LUCAS
Chairperson
Bids and Awards Committee – Bravo