

BIDS AND AWARDS COMMITTEE

Supplemental Bid Bulletin No. 2

12 January 2021

PROCUREMENT OF SERVICES OF REGISTRATION AGENCIES FOR PHILSYS (OUTSOURCING OF PHILSYS REGISTRATION) IN NCR AND REGION IV-A

This Bid Bulletin No. 2 modifies respective portions of the Bidding Documents, issued on 22 December 2020.

The changes to the Bidding Documents, as indicated in the succeeding pages, are being issued in compliance with Section 22.5 of the Revised 2016 Implementing Rules and Regulations of RA 9184. Under this section, the procuring entity is directed to issue an amendment at least seven (7) days before the deadline for submission of the bid.

Except as expressly amended by this Bid Bulletin, all other terms and conditions of the Bidding Documents issued on 22 December 2020 shall remain unchanged and shall remain in full force and effect in accordance with their terms.

For guidance and information of all concerned.

(Sgd.)

MINERVA ELOISA P. ESQUIVIAS

OIC Deputy National Statistician
BAC Chairperson

**PROCUREMENT OF SERVICES OF REGISTRATION AGENCIES FOR PHILSYS
(OUTSOURCING OF PHILSYS REGISTRATION) IN NCR AND REGION IV-A**

Bid Bulletin No. 2

12 January 2021

Bid Bulletin Ref. No.	Specific Page / Section in the Bidding Docs.	Query/Issue	BAC Response/Clarification
BB2-1	Pg. 26 Section VI. Schedule of Requirements	Can Registration Service commence 90 days from NTP considering that peripherals will come from various parts of the globe and will take time to produce and arrive in the country?	The first bullet in the third column of Delivery Schedule under Section VI. Schedule of Requirements is hereby revised as follows: "Registration Services to commence within Ninety (90) calendar days from issuance of Notice to Proceed".
BB2-2	Pg.40 TOR 2.3	How will the registration of applicant and registration centers be advertised? What is the approval process for these advertisements?	TOR 2.3 The Role of Registration Agencies is hereby amended to append the following requirement: "j. The Registration Agencies shall advertise or disseminate the availability of PhilSys services in all its RA Registration Centers. The RA shall seek approval from the PSA regarding the advertisements."
BB2-3	Pg. 50 Annex A	Why is a 3-year antivirus license required for a 1-year project?	The specifications for the duration of Anti-Virus for Laptop/Desktop Unit under Annex A is hereby revised as follows: <i>"xxx The enterprise Antivirus license must cover for the duration of the contract. xxx."</i>
BB2-4	Pg. 53 Annex A	On the requirement for the "Fingerprint (4+4+2) slap capture equipment", specifically on the "minimum resolution", "FRR" and "FAR", the bidder inquired whether this is the minimum specification or maximum?	The specifications for Minimum Resolution for " Fingerprint (4+4+2) slap capture equipment " under Annex A is hereby revised as follows: <i>"500 native dpi per minimum recommended. Higher densities are preferred."</i>

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			<p>The specifications for FRR for “Fingerprint (4+4+2) slap capture equipment” under Annex A is hereby revised as follows:</p> <p style="text-align: center;"><i>“The FRR must be less than 2%.”</i></p> <p>The specifications for FAR for “Fingerprint (4+4+2) slap capture equipment” under Annex A is hereby revised as follows:</p> <p style="text-align: center;"><i>“The FAR must be less than 0.01%.”</i></p>
	Pg. 57 Annex A	<p>UPS with AVR</p> <p>Please confirm if this is still a requirement?</p>	<p>UPS with AVR is optional as long as the RA ensures that the RA registration operates without disruption. The UPS with AVR component under Annex A is hereby revised as “UPS with AVR (optional)”.</p>
BB2-5		<p>Considering the current situation, can PhilSys consider moving the bid submission to February 1, 2021 instead?</p>	<p>The date of submission of bids is hereby revised from 18 January 2021 at 01:30 pm to 1 February 2021 at 1:30 pm.</p> <p>Also, the Bid opening is revised from 19 January 2021 at 10:00 AM to 2 February 2021.</p> <p>Paragraphs 7 and 9 of the ITB is hereby revised as follows:</p> <p>“7. Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below, on or before 1 February 2021 at 01:30 PM. Late bids shall not be accepted.”</p> <p>“9. Bid opening shall be on 2 February 2021 at 10:00 AM at the given address below. Bids will be opened in the presence of the bidders’</p>

Bid Bulletin Ref. No.	Specific Page / Section in the Bidding Docs.	Query/Issue	BAC Response/Clarification												
			representatives who choose to attend the activity.”												
BB2-6		Does PhilSys handles or in charge of the project advertisements/awareness campaign?	Please refer to BB2-2.												
BB2-7	Pg. 45 TOR 15.1	Does the “targeted volume” for reference only or the actual target volume?	<p>The targeted volume refers to the actual target volume.</p> <p>The first row on TOR 15.1 Maintain Operational Service Level Agreement is hereby revised as follows:</p> <p>“The RA shall upload daily the registration data packets to PhilSys Server.</p> <p>The minimum volume of successful registrations by the RA is 95% of the target volume for its area of coverage as given below:</p> <table border="1" data-bbox="1008 1354 1461 1776"> <thead> <tr> <th data-bbox="1008 1354 1224 1540">Region</th> <th data-bbox="1224 1354 1461 1540">Minimum number of successful registrations</th> </tr> </thead> <tbody> <tr> <td data-bbox="1008 1540 1224 1658">NCR</td> <td data-bbox="1224 1540 1461 1658">7,505,000 (95% of 7.9 M)</td> </tr> <tr> <td data-bbox="1008 1658 1224 1776">Region IV-A</td> <td data-bbox="1224 1658 1461 1776">8,550,000 (95% of 9M)</td> </tr> </tbody> </table> <p>The following table shows the penalty for registrations below the minimum required successful registrations.</p> <table border="1" data-bbox="1008 2040 1461 2429"> <thead> <tr> <th data-bbox="1008 2040 1235 2153">Percent Registered</th> <th data-bbox="1235 2040 1461 2153">Penalty</th> </tr> </thead> <tbody> <tr> <td data-bbox="1008 2153 1235 2257">95% and above</td> <td data-bbox="1235 2153 1461 2257">NO PENALTY</td> </tr> <tr> <td data-bbox="1008 2257 1235 2429">90%-94%</td> <td data-bbox="1235 2257 1461 2429">1/10th of 1% of 5% of proposed bid amount</td> </tr> </tbody> </table>	Region	Minimum number of successful registrations	NCR	7,505,000 (95% of 7.9 M)	Region IV-A	8,550,000 (95% of 9M)	Percent Registered	Penalty	95% and above	NO PENALTY	90%-94%	1/10th of 1% of 5% of proposed bid amount
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			85%-89%	1/10th of 1% of 10% of proposed bid amount
			below 85%	1/10th of 1% of 15% of proposed bid amount
			<p>The RA shall not incur penalty for registrations 95% and above the minimum number of successful registrations for each lot.”</p>	

**PROCUREMENT OF SERVICES OF REGISTRATION AGENCIES FOR PHILSYS
(OUTSOURCING OF PHILSYS REGISTRATION) IN NCR AND REGION IV-A**

**QUESTION AND ANSWER
(as of 12 January 2021)**

Q&A Ref. No.	Specific Page / Section in the Bidding Docs.	Query/Issue	BAC Response/Clarification
Q&A - 1	Pg. 26 Section VI. Schedule of Requirements	Can you provide locations where list of 7.9M and 9M are located? What are the requirements of PSA on the location of the Registration Centers?	The PSA shall not provide the list of persons to be registered in NCR and Region IV-A. The RA shall be responsible on how the targeted volume of 7.9M for NCR and 9M for Region IVA shall be registered. Please refer to Annex B for the requirements on the establishment of RA Registration Centers. It is left to the Registration Agencies (RA) to decide the locations of RA Registration Centers within their area of coverage.
Q&A - 2	Pg. 31 TOR 1.3 Purpose of This Terms of Reference	Since payment is after unique deduplication, may we inquire if deduplication is already ready and available? Is adjudication process already in-place? What is the SLA for return of results?	Deduplication facility is already available. Adjudication processes are already in place. The SLA for return of results is 48 hrs. Please refer to Pg. 48, 5 th Bullet of TOR 4 Obligations of PSA.
Q&A - 3	Pg. 38 TOR 3 Scope of Work Item 13.2	What is the certification process for operators and supervisors? What is the passing mark?	There is no certification process and no passing mark for operators and supervisors provided. However, they will undergo on boarding process / training on PhilSys Registration Processes, orientation on Data Privacy and compliance to NICA requirements.
Q&A - 4	Pg. TOR 3 Scope of Work Item 3.1	May we have access to registration Client to prepare for training and assess productivity of workstations	The Registration Client Software shall be provided to the winning bidder as soon as the NTP is issued.
Q&A - 5	Pg. 31 TOR 1.3 Purpose of This Terms of Reference	How can bidder be responsible for destruction of data in registration kit when software is provided by PSA?	PSA will provide the protocols for the destruction of data in the registration kits.
Q&A - 6	Pg. 34 TOR 2.3 B	What are the pass/fail criterion for Registration Agents to pass the PSA	The role of the RA as indicated in the TOR - line item (b), pertains to the declared winning

Q&A Ref. No.	Specific Page / Section in the Bidding Docs.	Query/Issue	BAC Response/Clarification
		eligibility criteria for "organization's reputation including technical and financial capabilities"	bidder. Thus, for the RA to pass the eligibility criteria, it should be able to submit those documents specified in the PBD.
Q&A - 7	Pg. 34 TOR 2.3 H	Why are books required in audit?	Audit covers the data (related to RA Registration) and not involving financial information.
Q&A - 8	Pg. 48 TOR 4	Is it possible to assess productivity of our data capture operators using the Registration Software provided by PSA?	Yes. It is possible to assess the productivity of operators through the number of registrations by operator and other related registration statistics provided by the PSA and not using the Registration Software Client directly.
Q&A - 9	Pg.36 TOR 3	What functionality is required for the SDK to be provided by the RA when the Registration Software is provided by PSA?	Please refer to Annex A of the TOR specifically on the following components: facial capture, fingerprint slap capture equipment, and iris capture equipment.
Q&A - 10	Pg.36 TOR 3.2	How will the Registration Software be integrated into the hardware provided by the RA?	<p>The Registration Client Software uses the MOSIP Device Specification (MDS) and Trusted Platform Module (TPM) to integrate with the PhilSys.</p> <p>The biometric devices interact with PSA registration clients in a standard way, through a set of secure and standardized APIs known as Secure Biometric Interface (SBI). The device lifecycle is further managed by the Management Servers deployed by the device providers. (TOR 3.2.2)</p> <p><i>"The MOSIP device specification provides compliance guidelines to devices for them to work with MOSIP. The compliance is based on device capability, trust and communication protocols." For details, please refer to</i></p> <p><i>https://docs.mosip.io/platform/biometrics/mosip-device-service-specification</i></p>

Q&A Ref. No.	Specific Page / Section in the Bidding Docs.	Query/Issue	BAC Response/Clarification
			<p><i>“A TPM is a specialized chip on a local machine that stores RSA encryption keys specific to the host system for a hardware authentication. Each TPM chip contains an RSA key pair called the Endorsement Key (EK). The pair is maintained inside the chip and cannot be accessed by software. By leveraging this security feature every individual machine would be uniquely registered and identified by the MOSIP server component.”</i></p> <p><i>“The registration client application leverages the TPM capabilities and secure the data and mark the sender's identity in the request before sending to external system. The MOSIP server would validate the request and make sure that the request is received from the right source. Every individual machine's TPM public key should be registered at MOSIP server to accept and process the data send by them.” For details, please refer to https://docs.mosip.io/platform/modules/registration-client/registration-client-setup</i></p>
Q&A - 11	Pg. 37 TOR 3.2.3	What is considered necessary warranty and technical support?	All applicable warranties and standard technical support to ensure business continuity for the duration of the contract.
Q&A - 12	Pg. 37 TOR 4	What is the network access and architecture to connect to PhilSys servers?	The connection of RA Registration Centers is similar to the connection of Fixed Registration Centers. The following figure is the PhilSys indicative high level network architecture:

Q&A Ref. No.	Specific Page / Section in the Bidding Docs.	Query/Issue	BAC Response/Clarification
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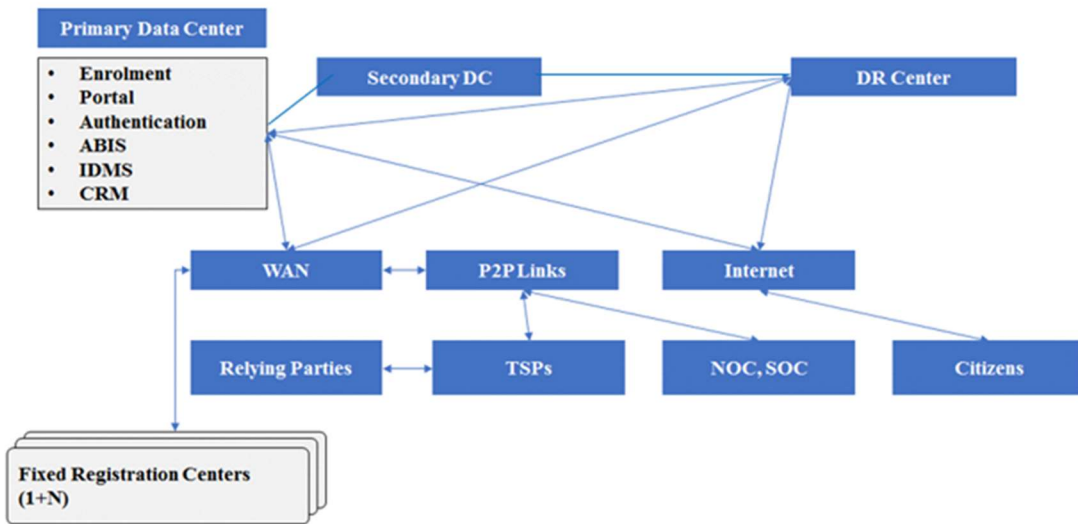


Figure 19. PhilSys Indicative High Level Network Architecture

Q&A - 13	Pg. 38 TOR 5	What is considered relevant experience of RA Staff and Registration Operator? will handling of computer suffice?	The relevant experience of RA staff refers to data encoding, use of computers, registration of clients, and other computer related activities.
Q&A - 14	Pg. 39 TOR 6	When finalizing location with PSA, what is the criteria for PSA to reject a proposed location?	Please refer to Q&A - 1
Q&A - 15	Pg. 42 TOR 10	How can an RA authenticate an applicant?	Authentication of applicants covers inspection of PhilID presented and other supporting documents. Procedure on computer-based authentication will be issued at a later date.
Q&A - 16	Pg. 42 TOR 3 Item 11	Can the Registration Software provided by PSA produce these monthly progress reports, statistics, and incident reports? These are normally integrated in our biometric enrollment software	The generation of reports for the current build of registration client software is not yet enabled. The registration statistics shall be provided by the PSA as specified in Q&A - 8.
Q&A - 17	Pg. 41 TOR 8	Will PSA provide technical support for its Registration Software? What is SLA and what kind of support may be expected?	Yes, the PSA shall provide technical support for the Registration Client Software. The RA shall course issues through the PhilSys Technical Helpdesk who will log issues and provide resolutions.
Q&A - 18	Pg. 42 TOR 3 Scope of Work	What are liabilities involved in verifying authenticity of documentary	The guidelines for screening of supporting documents are provided in the Registration

Q&A Ref. No.	Specific Page / Section in the Bidding Docs.	Query/Issue	BAC Response/Clarification
	Item 9.2	requirements? Are there guidelines to be provided as basis for screening for authenticity of presented documents?	<p>Work Instructions Manual for the PhilSys (RWIMP). This manual shall be provided to the RA. The PSA shall train a group of RA trainers on the registration and screening process. These RA trainers shall echo the registration and screening process to their operators and staff.</p> <p>The PSA shall conduct periodic audits on whether the registration and screening processes are followed.</p>
Q&A - 19	Pg. 50 Annex A	<p>Laptop</p> <p>Kindly confirm requirement for 16GB of RAM?</p> <p>Kindly confirm requirement for 512GB SSD?</p> <p>Screen size is limited to only 14 to 14.1inches full HD? Why can't RA go larger?</p> <p>May provider instead provides a total of 6 USB ports instead?</p>	<p>Please refer to Annex A for minimum technical specifications of Hardware and Software – “Laptop/Desktop” component</p> <p>The RA may provide better or higher specifications.</p>
Q&A - 20	Pg. 54 Annex A	Kindly clarify NFIQ 2 score requirement	The NIST Fingerprint Image Quality (NFIQ) 2.0 is a standard Fingerprint quality assessment tool. It provides higher resolution quality score in range of 0-100 range according to ISO/IEC 29794-1:2016.
Q&A - 21	Pg. 55 Annex A	Please confirm FTM requirement	<p>The FTM refers to the Foundational Trust Module.</p> <p><i>“The foundational trust module would be created using a secure microprocessor capable of performing all required biometric processing and secure storage of keys.”</i></p> <p>For details, please refer to: https://docs.mosip.io/platform/biometrics/mosip-device-service-specification</p>
Q&A - 22	Pg. 56 Annex A	Please clarify what is Software API compliance to	The biometric device should implement the following set of

Q&A Ref. No.	Specific Page / Section in the Bidding Docs.	Query/Issue	BAC Response/Clarification
		registration client version 1.1.2	<p>APIs: Device discovery, streaming and capture.</p> <p>All the API's are independent of the physical layer and the operating system.</p> <p>For details, please refer to: https://docs.mosip.io/platform/biometrics/mosip-device-service-specification</p>
Q&A - 23	Pg. 51 Annex A	<p>Webcam</p> <p>Kindly confirm Capture mode requirements as these are all software enabled by Registration Software provided by PSA. This is not enabled by hardware.</p>	<p>Yes, the webcam is enabled by registration client software.</p> <p>For details, please refer to: https://docs.mosip.io/platform/biometrics/mosip-device-service-specification</p>
Q&A - 24	Pg. 51 Annex A	A webcam does not have a skin tone specification or setting.	<p>Webcam must be able to capture all types of skin tone.</p> <p>For details, please refer to: https://docs.mosip.io/platform/biometrics/mosip-device-service-specification</p>
Q&A - 25	Pg. 51 Annex A	Exception Image Specification is software controlled via Registration Software provided by PSA and not hardware controlled?	<p>Yes, exception image feature is controlled by the Registration Client Software.</p> <p>For details, please refer to: https://docs.mosip.io/platform/biometrics/mosip-device-service-specification</p>
Q&A - 26	Pg. 52 Annex A	<p>ICAO full frontal compliance is software controlled via Registration Software provided by PSA and not hardware controlled as well?</p> <p>Image format is largely controlled by Registration Software to be provided by PSA.</p>	<p>ICAO compliance is enabled by the SDK.</p> <p>For details, please refer to: https://docs.mosip.io/platform/biometrics/mosip-device-service-specification</p>
Q&A - 27	Pg. 12 Section II Item 5.3	Can PSA consider aggregated project amount of 2 projects similar to the bid project?	The Bidder shall have an SLCC that is at least one contract similar to the Project whose value (adjusted to current prices using PSA's CPI) is

Q&A Ref. No.	Specific Page / Section in the Bidding Docs.	Query/Issue	BAC Response/Clarification
		<p>On the Statement of Single Largest Completed Contract (SLCC) – whether an aggregate contract (for Lots 1 and 2) can be considered?</p>	<p>equivalent to at least 50% of the ABC.</p> <p>The SLCC requirement for each lot shall be based on the respective ABC for each lot.</p> <p>Please refer to: GPPB NPM No. 149-2015 https://www.gppb.gov.ph/GPPBTSO_Non-Policy/1388</p>
Q&A - 28	Pg.69 Section VIII Checklist of Technical and Financial Documents	<p>Given that updating or filing of business documents normally starts this month of January like the mayor's permit and currently our Company is changing business address in BIR registration, wherein the original</p> <p>Submission of Eligibility Documents</p> <ul style="list-style-type: none"> - whether the bidder could submit a document under renewal - How many bids are to be submitted? <p>BIR COR will be surrendered to BIR upon application, hence, original BIR COR might not be presented during post qual, can PSA consider the previous year permit and the certified true copy of BIR COR bearing the old business address while the application for the 2021 and updating is still ongoing?</p> <p>How many copies do we need to submit for this bidding (aside from 1 original set)?</p>	<p>The bidder/s may submit their eligibility documents subject for renewal as long as the proof of renewal application and the OR is also attached.</p> <p>Please refer to GPPB Resolution No. 09-2020</p> <p>The bidder/s is required to submit one (1) copy of the original document and a USB copy of the same.</p>
Q&A - 29	Pg. 25 Section 5 Special Conditions of Contract Item 2.2	Even relating it to the GCC, there's no period within which payment must be received by the RA upon submission of complete invoice. Can it be 30 days?	The payment for RA services shall be received within 30 days upon submission of complete billing statement and documentary requirements.

Q&A Ref. No.	Specific Page / Section in the Bidding Docs.	Query/Issue	BAC Response/Clarification
		And can there be additional cost of money for late payments?	No provision on additional cost of money for late payments.
Q&A - 30	Pg. 46 TOR 3 Scope of Work Item 15.3	Bidders be provided with copies of the Security Service Levels expected to be complied?	The winning bidder shall be provided with the copies of PhilSys Security Service Levels.
Q&A - 31	Pg. 67 Annex E	List of Demographic and Biometric Information: Marital status, mobile number & email address are optional data. Just to be clear, at whose option, the applicant?	Please see Annex E for the List of Demographic and Biometric Information to be collected. The provision of information on optional items is at the option of the applicant.
Q&A - 32	Pg. 47 TOR 3 Item 17	Can bidders be provided with copies of the PhilSys Data Retention Policy & PhilSys Data Destruction Policy expected to be complied?	Yes, the PSA will provide copies of PhilSys Data Retention Policy and PhilSys Data Destruction Policy to the winning bidder.
Q&A - 33	Pg. 36 TOR 3 Item 3.1	<p>To confirm that MOSIP is an MS Windows-based application that will work only on Window OS-based devices.</p> <p>Is the installer to be provided in the form of an .exe or MSI file?</p>	<p><i>“The registration client is a thick Java-based client where the resident’s demographic and biometric details are captured along with the supporting documents in online or offline mode. The captured information is packaged in a secure tamper-proof way and sent to the server for processing.”</i></p> <p>For details, please See https://docs.mosip.io/platform/modules/registration-client</p> <p>The Registration Client Software runs on Windows OS-based devices.</p> <p>The PSA shall provide the MOSIP executable file for the installation of the Registration Client Software to the winning bidder.</p>
Q&A - 34	Pg. 36 TOR 3 Scope of Work 3.2.1	If there is a necessity or justification to install said third party applications (such as support utilities/tools/data recovery tool), will the procuring	The RA shall provide COTS software that is necessary for the smooth operation and security of RA Registration.

Q&A Ref. No.	Specific Page / Section in the Bidding Docs.	Query/Issue	BAC Response/Clarification
		entity allow it? It can undergo a certification process if required.	
Q&A - 35	Pg. 36 TOR 3 Item 3.2	<p>The link only provided a detail of the device server but did not enumerate the actual physical server specs, is it up to the proponent to recommend hardware server specs?</p> <p>The Management server is hosted by PhilSys?</p>	<p>It is left to the proponent to determine the actual physical server specs.</p> <p>The bidder should setup its own Management Server, but this needs to be hosted in the PSA data centers. This should integrate with existing PSA backend through APIs.</p>
Q&A - 36	Pg. 37 TOR 3 Item 4	To confirm that LAN design whether wired or wireless will be allowed by the procuring entity?	Yes. The wired or wireless LAN configuration is allowed.
Q&A - 37	Pg. 38 TOR 3 Item 4	<p>To confirm the following: All the registration client's laptops will be pointed to the Philsys Server?</p> <p>If there are no network connectivity, registration will still continue, is there offline functionality on the registration software?</p>	<p>Yes. All Registration client's laptop/desktop will be pointed to the PhilSys server.</p> <p>Yes, the registration client software can continue in an offline mode but must be online at certain intervals (system-defined) to verify credentials and to download pre-registration data submitted online by prospective registrants.</p>
Q&A - 38	Pg. 37 TOR 3 Item 4	The registration client software will have a setting that will indicate the identity (IP Address or DNS) of the Philsys Staging Server? May we ask if the network communication going to the PhilSys Staging server is thru public Internet or thru some mode of secure network (eg VPN)?	Yes, thru VPN.
Q&A - 39	Pg. 37 TOR 3 Item 4	If there are network connectivity, registration will still continue, is there offline functionality on the registration software?	Yes. There is offline functionality on the Registration Client Software.
Q&A - 40	Pg. 37 TOR 3 Item 4	Is the offline data uploading existing already as part of	Yes. Uploading of data captured during offline mode

Q&A Ref. No.	Specific Page / Section in the Bidding Docs.	Query/Issue	BAC Response/Clarification
		the registration client software?	happens only when internet connection is already available.
Q&A - 41	Pg. 41 TOR 3 Item 9.1	To confirm: The registration client software is integrated with the PhilSys Online Pre-registration system?	Yes. The Registration Client Software is integrated with the PhilSys Online Pre-registration module. The Registration Client Software can fetch the data provided by the applicant through the PhilSys Online Pre-registration Module.
Q&A - 42	Pg. 42 TOR 3 Item 9.2	The registration client software is responsible for encryption and signing capability as part of the registration service, but is the data transfer facility software/facility (middleware) native on the registration client software when transferring registration packets from laptops to the PhilSys servers?	Yes. The Registration Client Software is responsible for the encryption and signing capability as part of registration service. The Registration Client Software also handles the uploading and transferring of registration packets from laptops to the PhilSys servers.
Q&A - 43	Warranty Support	Is it acceptable to the procuring entity if the issue reporting (ticketing system) is accessible 24/7 and response & resolution be between 8AM - 6PM within Proponent operational hours?	There is no requirement for a ticketing system to be provided by the RA. However, if there are technical issues encountered by the RA regarding the Registration client software, the RA reports this to the Technical Helpdesk provided by the PSA.
Q&A - 44	Pg. 53 Annex A	To confirm, this means if the hardware specs we will propose is equivalent to 500, it is non-comply since requirements has a greater than sign? May we request to remove the greater than sign to be specific that minimum is 500dpi.	Please refer to BB2-4.
Q&A - 45	Pg. 53 Annex A	FRR and FAR This requirement is more towards the matching used and not inherent on the biometric device which only serves for capturing. May we ask for this requirement to be removed?	Please refer to BB2-4.
Q&A - 46	Pg. 54 Annex A	To expound on the requirement on FTM L0 - Use host-based	Please refer to Q&A – 21.

Q&A Ref. No.	Specific Page / Section in the Bidding Docs.	Query/Issue	BAC Response/Clarification
		security, L1 - FTM supported security.	
Q&A - 47	Pg. 56 Annex A	<p>To confirm, this can be an ordinary 13" monitor with HDMI/VGA and a stand.</p> <p>On "Extended Portable Colored Monitor", the bidder asked whether the requirement is a dual screen?</p>	The "Extended Portable Colored Monitor" is another monitor facing the client that shows his/her data that are being captured. The Bidder may propose a stand for the extended monitor.
Q&A - 48	Pg. 56 Annex A	<p>Portable Document Camera Scanner:</p> <p>Is 2MP acceptable to the procuring entity?</p>	The requirement on minimum CMOS of 5MP remains.
Q&A - 49		Is the number of workstations per area to be deployed to registration center depends on the RA, not necessarily 5 data capture stations?	Yes. It is left to the RA to determine the number of workstations per area.
Q&A - 50		Considering that RA will be the partner vendor of PhilSys for this project, will the RA be provided by PhilSys with uniforms?	The PSA will not provide uniforms for RA personnel.
Q&A - 51		Does the responsibility of the Philippine Statistics Authority (PSA) include advertising or awareness campaign for the project at hand?	<p>The PSA shall issue announcements that the RA Registration Centers are accredited and deputized by the PSA to offer free PhilSys registration services.</p> <p>The PSA shall also publish the locations of the RA Registration Centers in its PhilSys Web Portal. The said RA Registration Centers shall be included in the selectable centers for PhilSys registration in the Booking and Appointment component of the PhilSys Pre-Registration Module of the PhilSys Web Portal.</p>
Q&A - 52	Pg. 54 Annex A	<p>Since key pairs and PKI encryption is used/required for Ethernet protocols, the connection between the IRIS is through USB to a local host is it acceptable. To relax this requirement. OR</p>	The requirement on IRIS Captured mode remains.

Q&A Ref. No.	Specific Page / Section in the Bidding Docs.	Query/Issue	BAC Response/Clarification
		Is it acceptable to the procuring entity that PKI Encryption be performed on local host by third party software prior to storage or transmission to Network?	
Q&A - 53	Pg. 54 Annex A	If we will propose a dual iris imager, it fixes positioning of device to subject's forehead, thereby eliminating almost all rotation, which is defined by difference between imager horizontal line and Subject's horizontal line. In section 6.3.1 of ISO 19794-6, this calculation is optional for dual iris imagers. It is not necessary for dual iris imager, is it acceptable to the procuring entity to relax. Rotation Uncertainty Refer ISO 19794-6	It is acceptable as long as the requirement for the rotational angle that the Iris images will have to be preprocessed to calculate rotation angle before compression is complied with. Refer to ISO 19794-6:2011 for Rotation Angle Calculation for rectilinear images.
Q&A - 54	Pg. 54 Annex A	Image Format JPEG 2000 lossless Is it acceptable to convert to JPEG 2000 can be performed by Middleware on localhost?	The requirement on image format remains. There is no need for additional middleware on the local host.
Q&A - 55	Pg. 55 Annex A	ISO Format Lossless JPEG 2000 with CBEFF ISO 19794-6 Is it acceptable to convert to JPEG 2000 can be performed by Middleware on localhost?	The requirement on ISO Format Lossless JPEG 2000 remains. There is no need for additional middleware on the local host.
Q&A - 56	Pg. 55 Annex A	<i>Preview</i> <i>> 3 FPS JPEG lossless frames with quality score superimposed.</i> If the proposed hardware has an image quality checks that exceeds ISO 29794-6, and that checks are system fully automatic, can we simply retake the capture if needed.	Yes. As long as the Bidder can propose a better specification on Preview of Iris Capture.
Q&A - 57	Pg. 55 Annex A	ISO format K3	The requirement on ISO format K3 remains. There is no need for third party conversion software.

Q&A Ref. No.	Specific Page / Section in the Bidding Docs.	Query/Issue	BAC Response/Clarification
		Is that acceptable for a third-party conversion software to convert from K1 to K3?	
Q&A - 58	Pg. 50 Annex A	<p>USB Ports 3x USB 3.0 and 1x USB 2.0</p> <p>Is it acceptable to the agency if we propose a unit with 2x USB 3.0 and make the USB HUB 6-ports?</p>	Yes.
Q&A - 59	Pg. 50 Annex A	<p>If the proposed hardware is compliant with the declared MOSIP Biometric Data Specification published in the MOSIP website (https://docs.mosip.io/platform/biometrics/biometric-data-specification) but not line per line equivalent to what is indicated in the TOR ANNEX A, is it acceptable to the procuring agency?</p>	<p>The Bidder may propose better specifications than TOR Annex A as long as these are compliant with MOSIP Biometric Data Specifications as published in MOSIP website.</p> <p>For details, please refer to: https://docs.mosip.io/platform/biometrics/biometric-data-specification</p>