

BIDS AND AWARDS COMMITTEE

Bid Bulletin No. 6

9 July 2020

PROCUREMENT OF CONSULTANCY SERVICES AS SYSTEMS INTEGRATOR FOR THE SUPPLY, DELIVERY, INSTALLATION, AND MAINTENANCE OF THE PHILIPPINE IDENTIFICATION SYSTEM (PHILSYS)

This Bid Bulletin No. 6 modifies respective portions of the **Bidding Documents**, issued on 15 May 2020, as amended

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 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 15 May 2020, as amended, 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

VOLUME 1, PART II, SECTION III: BID DATA SHEET		
	Reference	Amendment or Inclusion
1	Amend Clause 6.1 to read:	Subject to prior approval of the Procuring Entity, subcontracting up to 20% of the contract price is allowed.
2	Amend 3 rd column, item B.2 on Proposed hardware/infrastructure, under para. (c) Clause 25.3 to read:	Bill of Materials
VOLUME 1, PART II, SECTION VII: BIDDING FORMS		
3	Amend Technical Proposal Form (TPF) 4 . Description of the Methodology and Work Plan for Performing the Project to add the following instructions:	<p>Please include Bill of Materials, which may take the form of Financial Proposal Form 2 <u>without</u> any reference or information as to cost or price.</p> <p>Please submit Statement of Compliance on Technical Specifications in the format prescribed in Attachment A.</p>
VOLUME 1, PART II, SECTION VIII: APPENDICES		
4	Add a new 2nd row on Pre-registration and revise succeeding (now 3rd row) on Payment Schedule under para. IV. on Breakdown of Contract Price , as follows:	Please see Attachment B.
VOL 2: TECHNICAL SPECIFICATIONS		
5	Amend Sec. 5.4 , to delete the following item:	Telecommunication costs (SMS)
6	Add 3 rd paragraph in Sec. 6.4.2.5 to read:	The SI shall provide a CPMS server at the Card Personalization Group at BSP to receive the batches of cards for card printing and personalization; four (4) laptop workstations each with 2D barcode scanner; and local area network with firewall.
7	Amend Sec. 8.3.4 by adding the following diagrams:	<p>Please see Attachment C for Cloud Deployment Strategy</p> <p>Please see Attachment D for Network Connectivity Diagram</p>
8	Amend Sec. 9.6.1, para. c, Table 47. Hosting Sites in Long Run , Item 1 on Primary Data Center , under Name of Data Center Site column, to read:	Location is Metro Manila
9	Amend Sec. 9.6.1, para. c, Table 47. Hosting Sites in Long Run , Item 3 on Disaster Recovery Site , under Name of Data Center Site column, to read:	Location is Subic Bay, Freeport Zone, Zambales
10	Amend Table 52 Testing of BCP-DR, under Sec. 9.6.7.3 , as follows:	Delete Item No. 1 on Power Source and UPS maintenance.

11	Add a new 2 nd row on Pre-registration and revising succeeding row (now 3 rd row) in Table 59 under Sec. 13.3 on SI Implementation Timeline, as follows:	Please see Attachment E.
VOL 2: TECHNICAL SPECIFICATIONS, ANNEX F		
12	Amend 2 nd bullet point under Experience of Clause 3.8 , to read:	<ul style="list-style-type: none"> • Registration and Update Manager has worked on at least one (1) project involving IT system rollout for large user bases (in excess of 10,000 users) and has prior experience of National ID, civil registration or public service delivery.
13	Amend 2 nd bullet point under Experience of Clause 3.9 , to read:	<ul style="list-style-type: none"> • Authentication, eKYC, API and ecosystem management Manager has worked on at least one (1) project involving IT system rollout for large user bases (in excess of 10,000 users) and has prior experience of National ID, civil registration or public service delivery.

Statement of Compliance

Technical Requirement	Reference page in proposal	Comments if any
A.1 SUPPORT AND MAINTENANCE SERVICES		
A.1.1 License Model		
A.1.2 Warranty and Annual Technical Support		
A.1.3 Deployment, Integration, and Ongoing Support		
A.1.4 Systems Integrator Project Management		
A.1.4.1 Project Status Monitoring and Reporting		
A.1.4.2 Escalation Matrix		
A.1.5 Training		
A.1.5.1 Training Plan		
A.1.5.2 Trainings to be Imparted		
A.1.6 Hardware Refresh Options		
A.1.7 Services Related to Registration and Authentication		
A.1.7.1 Development of Registration Manuals		
A.1.7.2 PhilSys Authentication Implementation Framework (“PAIF”)		
A.1.8 Maintenance of PhilSys Information System		
A.1.9 Application Software Support		
A.1.10 Maintenance of PhilSys hardware items throughout the duration of the contract.		
A.1.11 Maintain System Documentation		
A.1.12 Change and Version Control		
A.1.13 Support during System Audits		
A.1.14 Setting up of Fixed Registration Centers		
A.1.15 Migration of Pilot Registration Data		
A.2 PROJECT TEAM		
A.2.1 Manpower Qualification and Experience Requirement		
A.2.2 Guidelines for Staffing and Provisioning of Manpower		
A.2.3 Logistics Requirements of the Personnel		
A.2.4 SI Project Management		
A.2.4.1 Maintaining a project management office (PMO)		
A.2.4.2 Project Governance Committees		
A.2.5 Manpower Requirements for Security Operations Center		

A.2.6 Manpower Requirements for Network Operations Center		
B.1.7 Manpower Requirements for Data Center (Primary, Secondary and Disaster Recovery Site)		
A.3 DETAILED PROJECT IMPLEMENTATION PLAN		
A.3.1 PhilSys Application Development and Implementation		
A.3.2 Implementation and Customization (Provision of Software Tools and Licenses)		
A.3.3 MOSIP and COTS Implementation and Customization		
A.3.4 Development Phase - SI is expected to deploy leadership manpower, architects, and engineers to design, build and commission the PhilSys Information System.		
A.3.5 The scope of work for the SI spans the complete Software Development Life Cycle from designing, developing, testing, maintaining and supporting the PhilSys Information System.		
A.3.6 The Operation and Maintenance (O&M) phase shall commence after the Go-Live (PhilSys System Application version_4) and continue throughout the contract duration.		
B.1 FUNCTIONAL AND TECHNICAL REQUIREMENTS		
B.1.1 Connected Services		
B.1.2 Detailed functional design of end-to-end Registration process		
B.1.3 Detailed technical design requirements for end-to-end Registration process		
B.1.4 Commercial Off-the-Shelf (COTS) and configured software components must be compliant to Service Oriented Architecture		
B.1.5 Inclusion of Container Architecture for seamless application development and deployment.		
B.1.6 Software components must be capable of connecting through an Application Programming Interface (API).		
B.1.6.1 Scalable API to maintain service levels when demand increases or when dealing with unexpected events.		
B.1.6.2 Reusable API to avoid duplication of work		
B.1.7 Overall design for PhilSys Registry Backup Solution		
B.1.8 Availability of HSM Module		
B.1.9 OEM(s) of Servers, Storage, Network, Security, etc. should come from established industry players and widely recognized by international IT publications		

B.2 HARDWARE / INFRASTRUCTURE		
B.2.1 Completeness of the detailed Summary of Costs using FPF 2 of PBD Volume 1.		
B.2.2 Verifiable hardware and peripherals from international reputable sources (i.e. Gartner, Forrester, G2, Crowd, PCMag, etc.)		
B.2.3 Hardware should be off-the-shelf and based on open technologies and standards.		
B.2.4 Commodity-first hardware		
B.2.5 Hardware and peripherals must have in-country presence, service, and support for all components proposed in this project.		
B.2.6 The hardware and peripherals quoted products are not End-of-Support (EoS) and not End-of-Life (EoL).		
B.2.7 The Annual Maintenance Contract (AMC) from the OEM, and for the availability of spare units and/or parts must be secured during the duration of the contract of SI.		
B.2.8 VPN access for remote working of Data Center staff		
B.2.9 Establishments of Integration Channels		
B.2.10 Server Solutions		
B.2.11 Storage Solutions		
B.3. ARCHITECTURE		
B.3.1 Hardware and peripherals must be capable of horizontal and vertical scaling without changing major components.		
B.3.2 Setting up of Primary, Secondary, and Disaster Recovery Site		
B.3.3 Solution Design for Business Continuity and Disaster Recovery (BCP/DR)		
B.3.4 Process/ Component-wise Recovery Strategy		
B.3.5 Disaster Recovery Strategy and Procedures		
B.3.6 Solutions design for PhilSys Backup Architecture		
B.3.7 Network Design Architecture		
B.3.8 Storage Design Architecture		
B.3.9 Information Security Design Architecture		

B.4 SECURITY		
B.4.1 Security Framework		
B.4.2 Security Specifications		
B.4.3 Design Information Security Architecture		
B.4.4 Provide Information Security Products		
B.4.5 Information Security Automation		
B.4.6 Security Operations Center		
B.4.7 Storage Security		
B.4.8 Secure log-in to all PhilSys Applications		
B.5.9 User and machine security for PSA Offices and inside PhilSys Network		
B.5 PRIVACY-BY-DESIGN FEATURES		
B.5.1 Management of PSN Generation and Tokenization Services		
B.5.2 Data Exchange with Third Parties		
B.5.3 Front-end PSN Tokenization for Privacy-preserving authentication/ eKYC		
B.5.4 Back-end PSN Tokenization for PSN seeding into a Relying Parties' information system		
B.5.5 Back-end PSN Tokenization for PSN seeding into two or more relying parties' information systems		
B.5.6 Pre-Registration Data and Certificates Downloads		
B.5.7 Integration Channels Privacy Design		
B.5.8 Secure Data and Media Handling		

Conforme:

Name of Company

Name and Signature of Company Authorized Representative

Date

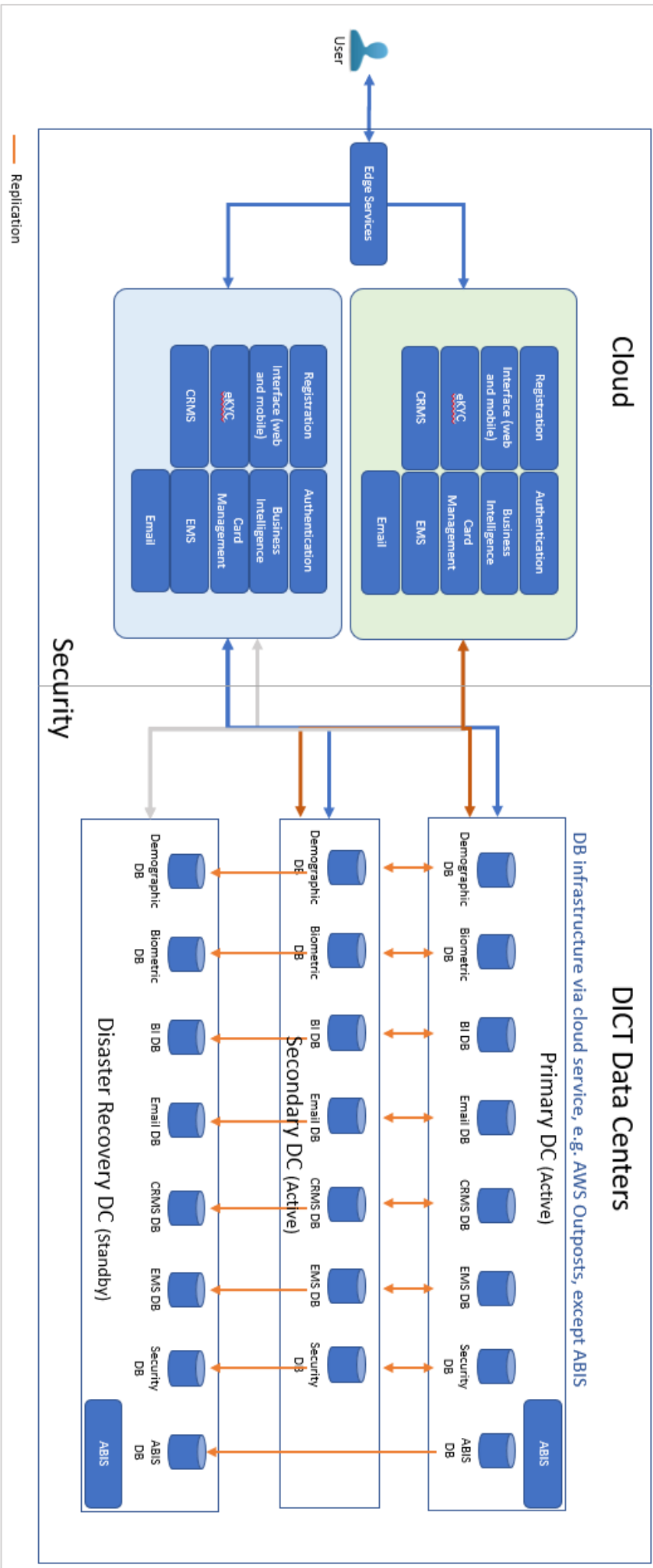
IV. Breakdown of Contract Price

A. Payment Schedule

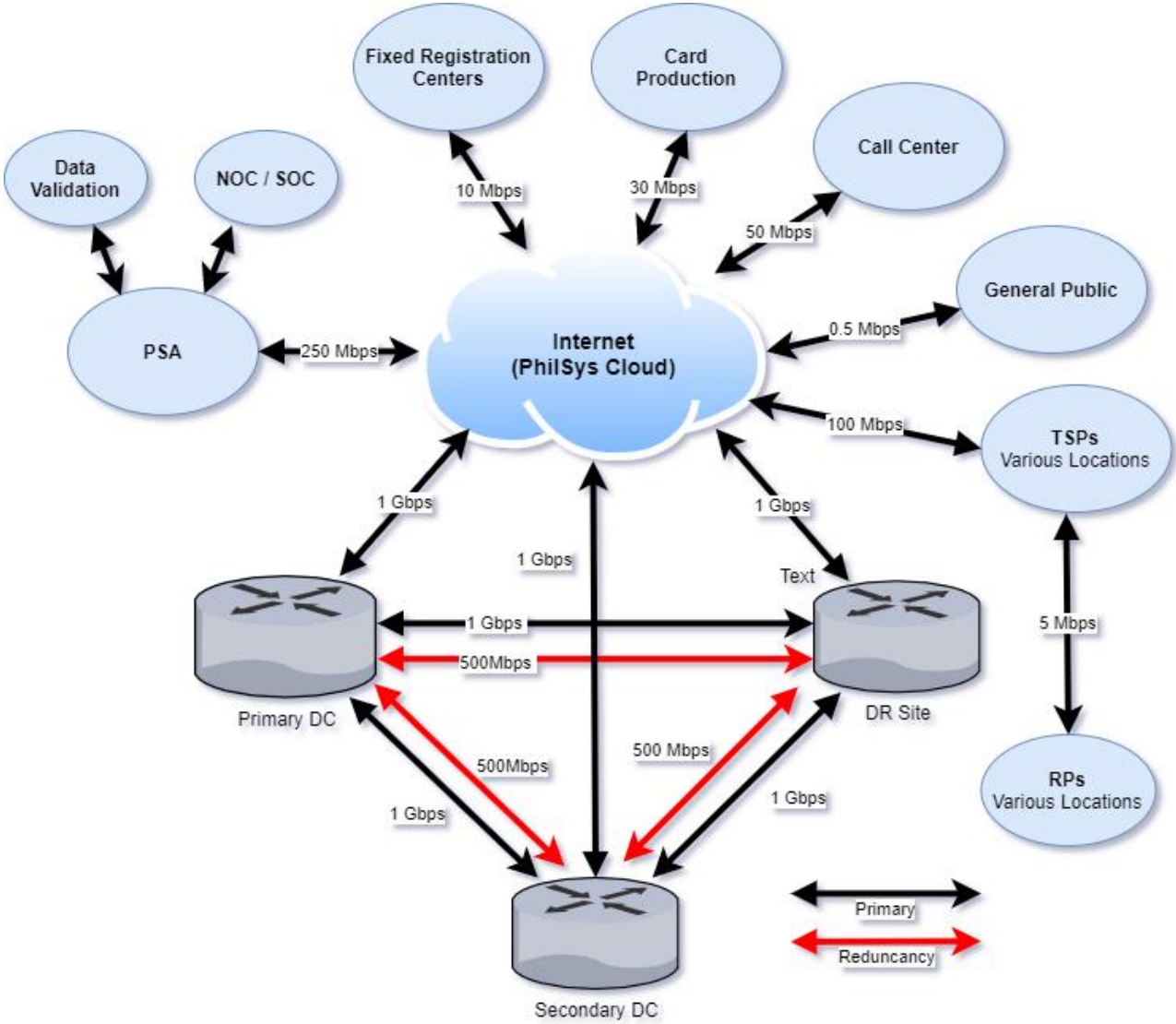
Stage	Deliverables	Duration	Payment (% of Contract Price)
Project Initiation Document (CY 2020)	<ul style="list-style-type: none"> • Approved project initiation document including risk analysis, project organization, deployment and delivery plan, training plan and project control. • Approved project implementation plan and system architecture. • Approved control test plan • Approved detailed functional and technical specifications (for Version_1) • Setup of Joint SI Project Management Team 	30 calendar days after issuance of Notice to Proceed	5%
Delivery and acceptance of PhilSys Information System Application Version_1 and Hardware (CY 2020)	<ol style="list-style-type: none"> 1. Delivery of application and hardware; and signed Certificate of Acceptance/Inspection for the Pre-Registration deliverable. 2. Delivery of application and hardware; and signed Certificate of Acceptance/Inspection for the following deliverables: <ol style="list-style-type: none"> a. Registration b. Uploading of registration packets c. Manual Verification System d. IAMS (Identity and Access Management) e. IDMS Integration with ABIS f. PSN Generation and Tokenization Management System (for PSNs and PCNs only) g. SMS and Email Solution (PSN and PhilID card issuance) h. CPMS i. Interface with PhilID card Personalization System deployed at BSP j. Central Workflow Engine for core integrations k. Record History (registration until PhilID card issuance) 3. Supply, Implementation and Commissioning of IT Hardware at Primary Data Center, Secondary and Disaster Recovery Site for Version_1 4. Approved detailed functional and technical specifications (for Version_2) 	60 calendar days after issuance of Notice to Proceed 90 calendar days after issuance of Notice to Proceed	25%

Cloud Deployment Strategy

Cloud Architecture



Network Connectivity Diagram



13.3 SI Implementation Timeline

Table 1. Implementation Timeline

Stage	Deliverables	Duration
Project Initiation Document (CY 2020)	<ul style="list-style-type: none"> • Approved project initiation document including risk analysis, project organization, deployment and delivery plan, training plan and project control. • Approved project implementation plan and system architecture. • Approved control test plan • Approved detailed functional and technical specifications (for Version_1) • Setup of Joint SI Project Management Team 	30 Calendar days after issuance of Notice to Proceed
Delivery and acceptance of PhilSys Information System Application Version_1 and Hardware (CY 2020)	<ol style="list-style-type: none"> 1. Delivery of application and hardware; and signed Certificate of Acceptance/Inspection for the Pre-Registration deliverable. 2. Delivery of application and hardware; and signed Certificate of Acceptance/Inspection for the following deliverables: <ol style="list-style-type: none"> l. Registration m. Uploading of registration packets n. Manual Verification System o. IAMS (Identity and Access Management) p. IDMS Integration with ABIS q. PSN Number Generation and Tokenization Management System (for PSNs and PCNs only) r. SMS and Email Solution (PSN and PhilID card issuance) s. CPMS t. Interface with PhilID card Personalization System deployed at BSP u. Central Workflow Engine for core integrations v. Record History (registration until PhilID card issuance) 3. Supply, Implementation and Commissioning of IT Hardware at Primary Data Center, Secondary and Disaster Recovery Site for Version_1 4. Approved detailed functional and technical specifications (for Version_2) 	60 Calendar days after issuance of Notice to Proceed 90 Calendar days after issuance of Notice to Proceed