

**BIDS AND AWARDS COMMITTEE**

**Bid Bulletin No. 2**

26 October 2020

**PROCUREMENT OF CLOUD SERVICE PROVIDER FOR PHILSYS**

This Bid Bulletin No. 2 modifies respective portions of the Bidding Documents, issued on 09 October 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 09 October 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 CLOUD SERVICE PROVIDER FOR PHILSYS

| SECTION VII. TECHNICAL SPECIFICATIONS   |  |   |   |  |  |   |  |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |
|---|--|---|---|--|--|---|--|--|--|--|--|--|---|--|--|---|--|--|--|--|--|--|--|
|   | Reference  | Amendment or Inclusion  |   |  |  |   |  |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |
| 1   | <p>1. Under "Dedicated Connectivity - Adherence to the CSP maximum resiliency recommendations".</p> <p><i>Question: For consideration of the PSA if this requirement can be removed given that there is already a requirement in the terms of reference that states "No Single Points of Failures (SPOF) covering submarine cables, landing points, telecommunication providers and physical network devices" and "Redundant, dedicated, private cloud connectivity to the off-shore Cloud Infrastructure."</i></p> <p>Page 35, Section VII, Technical Specifications, PBD</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Dedicated Connectivity</b></td> <td style="width: 60%;">Redundant, dedicated, private cloud connectivity to the off-shore Cloud Infrastructure.</td> <td style="width: 20%;"></td> </tr> <tr> <td></td> <td>No Single Points of Failures (SPOF) covering submarine cables, landing points, telecommunication providers and physical network devices.</td> <td></td> </tr> <tr> <td></td> <td>Minimum bandwidth of 1GB to the off-shore Cloud Infrastructure from the on-premise data centers.</td> <td></td> </tr> <tr> <td></td> <td>Supports Border Gateway Protocol (BGP) for up to 100 advertised routes.</td> <td></td> </tr> <tr> <td></td> <td>Supports 1000BASE-LX or 10GBASE-LR connections over single mode fiber using ethernet transport.</td> <td></td> </tr> <tr> <td></td> <td>Support for devices with 802.1Q VLANs.</td> <td></td> </tr> <tr> <td></td> <td style="background-color: yellow;">Adherence to the CSP maximum resiliency recommendations.</td> <td></td> </tr> </table> <p>Delete "Adherence to the CSP maximum resiliency recommendations."</p> | <b>Dedicated Connectivity</b>   | Redundant, dedicated, private cloud connectivity to the off-shore Cloud Infrastructure.  |  |   | No Single Points of Failures (SPOF) covering submarine cables, landing points, telecommunication providers and physical network devices. |  |  | Minimum bandwidth of 1GB to the off-shore Cloud Infrastructure from the on-premise data centers. |  |  | Supports Border Gateway Protocol (BGP) for up to 100 advertised routes. |  |  | Supports 1000BASE-LX or 10GBASE-LR connections over single mode fiber using ethernet transport. |  |  | Support for devices with 802.1Q VLANs. |  |  | Adherence to the CSP maximum resiliency recommendations. |  |
| <b>Dedicated Connectivity</b>   | Redundant, dedicated, private cloud connectivity to the off-shore Cloud Infrastructure.  |   |   |  |  |   |  |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |
|   | No Single Points of Failures (SPOF) covering submarine cables, landing points, telecommunication providers and physical network devices.   |   |   |  |  |   |  |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |
|   | Minimum bandwidth of 1GB to the off-shore Cloud Infrastructure from the on-premise data centers.   |   |   |  |  |   |  |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |
|   | Supports Border Gateway Protocol (BGP) for up to 100 advertised routes.  |   |   |  |  |   |  |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |
|   | Supports 1000BASE-LX or 10GBASE-LR connections over single mode fiber using ethernet transport.  |   |   |  |  |   |  |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |
|   | Support for devices with 802.1Q VLANs.   |   |   |  |  |   |  |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |
|   | Adherence to the CSP maximum resiliency recommendations.   |   |   |  |  |   |  |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |
| 2   | <p>A header of a group in TOR and Technical Requirements is missing.</p>   | <p>Insertion of the header "Cloud-based Hardware Security Model (HSM)" in the TOR and Technical Requirements</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Association</b></td> <td style="width: 60%;">Leader in Gartner's IaaS Magic Quadrant for at least three (3) consecutive years and is still recognized as a "Leader" at the same year of PSA's procurement of the said service</td> <td style="width: 20%;"></td> </tr> <tr> <td colspan="3"><b>Cloud-based Hardware Security Module (HSM)</b></td> </tr> <tr> <td></td> <td>Must be single-tenant and tamper resistant</td> <td></td> </tr> <tr> <td></td> <td>Must support FIPS 140-2 Level 3 standard for cryptographic modules.</td> <td></td> </tr> </table>  | <b>Association</b>  | Leader in Gartner's IaaS Magic Quadrant for at least three (3) consecutive years and is still recognized as a "Leader" at the same year of PSA's procurement of the said service |  | <b>Cloud-based Hardware Security Module (HSM)</b> |  |  |  | Must be single-tenant and tamper resistant   |  |  | Must support FIPS 140-2 Level 3 standard for cryptographic modules.     |  |  |   |  |  |  |  |  |  |  |
| <b>Association</b>  | Leader in Gartner's IaaS Magic Quadrant for at least three (3) consecutive years and is still recognized as a "Leader" at the same year of PSA's procurement of the said service   |   |   |  |  |   |  |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |
| <b>Cloud-based Hardware Security Module (HSM)</b>   |  |   |   |  |  |   |  |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |
|   | Must be single-tenant and tamper resistant   |   |   |  |  |   |  |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |
|   | Must support FIPS 140-2 Level 3 standard for cryptographic modules.  |   |   |  |  |   |  |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |
| 3   | <p>Under "Dedicated Connectivity - Minimum bandwidth of 1GB to the off-shore Cloud Infrastructure from the on-premise data centers."</p> <p><i>Question: Is this "1GB" or "1Gb"?</i></p> <p>Page 35, Section VII, Technical Specifications, PBD</p>  | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%; padding: 5px;">                     Minimum bandwidth of <b>1GB</b> to the off-shore Cloud Infrastructure from the on-premise data centers.                 </td> <td style="width: 20%;"></td> </tr> </table> <p>Replace "1GB with 1Gbps".</p>  | Minimum bandwidth of <b>1GB</b> to the off-shore Cloud Infrastructure from the on-premise data centers. |  |  |   |  |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |
| Minimum bandwidth of <b>1GB</b> to the off-shore Cloud Infrastructure from the on-premise data centers. |  |   |   |  |  |   |  |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |

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|---|--|--|
| 4 | <p>For the Hardware Security Module (HSM), Multi-Factor Authentication is required.</p> <p><i>By definition, MFA is the provision of two or more methods for validating authentication to provide access to a system. By this definition, may we request PSA to consider 2-Factor Authentication as compliant to the requirement for Multi-Factor Authentication (MFA)?</i></p> <p>Page 32, Section VII, Technical Specifications, PBD</p> | <p>Replace <b>“Must support multi-factor authentication (MFA)”</b><br/>with<br/><b>“Must Support multi-factor or two-factor authentication (MFA or 2FA)”</b></p> |
| 5 | <p>Page 32, Section VII, Technical Specifications, PBD</p>   | <p>Additional line item:<br/>"One time cost (as applicable)"</p>   |