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**SUPPLEMENTAL / BID BULLETIN No. 1**

Project : Procurement of DFA-ASEANA Structured Cabling System  
Reference No. : PB-GS-20a-2018  
ABC : PhP 20,000,000.00  
Date : 25 October 2018

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This supplemental/bid bulletin is issued to provide information to the prospective proponents/bidders on the following changes to the Bidding Documents:

- I. Technical Specifications (Section VII)** – The Technical Specifications (Section VII) of the Bidding Documents is superseded by ANNEX A of this Supplemental/Bid Bulletin No. 1 after considering inputs from End-User, BAC Members and prospective bidders during the pre-bid conference on 23 October 2018.

The Bidding Documents is amended accordingly.

For the information and guidance of all concerned.

(Sgd.)  
**IMELDA M. PANOLONG**  
BAC Chairperson

# Technical Specifications

## DFA-ASEANA STRUCTURED CABLING SYSTEM

<b>I.</b>	<b>BACKGROUND</b>  The project shall upgrade the Office of Consular Affairs' (DFA-Aseana) current wired and wireless network infrastructure with a platform that is constantly learning, adapting and protecting to ensure a cohesive, intelligent system that generates network data and uses automation and analytics to solve security and operational challenges.	
<b>II.</b>	<b>OBJECTIVE</b>  The Department shall enhance its network infrastructure at DFA-Aseana by acquiring the following sets of wired and wireless solutions that provide automation, assurance and greater security, combined with a robust architecture:  <ol style="list-style-type: none"><li>1. Software Defined Network Switches</li><li>2. Software Defined Wireless Solution</li><li>3. Network Access Control</li><li>4. IP Security Cameras</li></ol> The wired and wireless solution shall be compatible with the existing network infrastructure at the DFA-main building and DFA-Aseana.	
<b>III.</b>	<b>SCOPE OF WORK</b>	<b>Statement of Compliance</b>
	<b>CONTRACTOR'S RESPONSIBILITY</b>	
<b>A</b>	The Contractor shall:  <ol style="list-style-type: none"><li>1. Supply, deliver, install and configure the network infrastructure of the DFA-Aseana;</li><li>2. Deliver a centralized dashboard management program to design and implement policies, and assure network services with full visibility of user and device identity, operating systems, and applications across the entire network infrastructure;</li><li>3. Groom and harness cables of the existing Main Distribution Frame (MDF) in the DFA-Aseana;</li><li>4. Groom, harness and replace cables of all Intermediate Distribution Frame (IDF) in the DFA-Aseana;</li></ol>	

	<ol style="list-style-type: none"> <li>5. Conduct two (2) runs of Multi-Mode (OM4), 12-core Fiber Optic Cabling connections from MDF to all IDFs and IDF switches cascading;</li> <li>6. Test all existing network ports;</li> <li>7. Conduct rehabilitation of faulty existing network ports;</li> <li>8. Conduct cleaning and dismantling of all existing structured cabling (if necessary) and restore all affected areas;</li> <li>9. Provide cabling for an additional one-hundred (100) nodes in different locations at DFA-Aseana;</li> <li>10. Conduct full integration with the Department’s Next Generation Unified Threat Management (NGUTM) Firewall Appliance (Cisco Meraki), Hyper Converged Infrastructure (Cisco Hyperflex), and Cisco Software-Defined Access Network; and</li> <li>11. Conduct cabling for thirty-two (32) access points and six (6) IP cameras.</li> </ol>	
<b>B</b>	<p>The Contractor shall:</p> <ol style="list-style-type: none"> <li>1. Provide a project work schedule for approval of OAMSS-ITCRD prior to the commencement of the Contract and secure a Work Permit from EMS-OAMSS and other related clearances;</li> <li>2. Provide free classroom training to ten (10) technical personnel of OAMSS-ITCRD and DFA-Aseana MIS for the following network-related programs pertinent to the project: <ol style="list-style-type: none"> <li>a. Installation, configuration, management, troubleshooting and maintenance of Network Infrastructure;</li> <li>b. Digital Network Architecture; and</li> <li>c. Identity Service Engine.</li> </ol> </li> <li>3. Provide Cisco Certified Network Associate training and certification exam for four (4) OAMSS-ITCRD technical personnel.</li> </ol>	
<b>C</b>	<p>The Contractor shall provide the following support for the duration of the contract and during the warranty period of three (3) years:</p>	

	<ol style="list-style-type: none"> <li>1. 24x7 technical/customer support;</li> <li>2. Four (4) hours response time; and</li> <li>3. Six (6) hours resolution time.</li> </ol> <p>The Contractor shall assign a single point of contact to the DFA to address all technical inquiries/issues.</p>	
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<b>IV.</b>	<b>TECHNICAL SPECIFICATIONS</b>	
	The Contractor shall supply, deliver, install and configure the following equipment:	
<b>A</b>	<b>Core Switch Requirements</b>  Two (2) units Cisco Catalyst 9500 <ul style="list-style-type: none"> <li>• 1 x 16-port 10Gig switch</li> <li>• 1 x 8-port 10Gig uplink module</li> <li>• DNA advantage licenses</li> <li>• Solution Support Services</li> <li>• Bundled ISE base and ISE plus licenses</li> <li>• Redundant power supply</li> </ul>	
<b>B</b>	<b>IDF Switch Requirements</b>  Nine (9) units Cisco Catalyst 9300 <ul style="list-style-type: none"> <li>• 1 x 48-ports of 10/100/1000 with 4 x 1G uplink</li> <li>• DNA advantage licenses</li> <li>• Solution Support Services</li> <li>• 2 x Base-T transceivers for each switch</li> <li>• Bundled ISE base and ISE plus licenses</li> <li>• Stacking module, stacking power and stacking cable</li> </ul> Seven (7) units Cisco Catalyst 9300 – PoE <ul style="list-style-type: none"> <li>• 1 x 48 PoE+ ports of 10/100/1000 with 4 x 1G uplink</li> <li>• DNA advantage licenses</li> <li>• Solution Support Services</li> <li>• Bundled ISE base and ISE plus licenses</li> <li>• Stacking module, stacking power and stacking cable</li> </ul>	
<b>C</b>	<b>Network Access Control Appliance</b>  One (1) unit of ISE SNS-3515 <ul style="list-style-type: none"> <li>• Able to support 450 managed network devices</li> <li>• Able to handle 40 concurrent network device management sessions</li> <li>• Able to support 20 concurrent device administrators</li> <li>• 450 AnyConnect Apex licenses</li> </ul>	

	<ul style="list-style-type: none"> <li>• 450 ISE Apex licenses</li> </ul>	
<b>D</b>	<b>Wireless LAN Controller</b> <ul style="list-style-type: none"> <li>• One (1) unit of Cisco 3504 WLC</li> <li>• DNA advantage licenses</li> <li>• Includes 32 Access Point licenses</li> <li>• Solution Support Services</li> <li>• Bundled ISE base and ISE plus licenses</li> </ul>	
<b>E</b>	<b>Wireless Access Points</b> <ul style="list-style-type: none"> <li>• Ten (10) units of Cisco Aironet 2802I</li> <li>• Twenty-two (22) units of Cisco Aironet 1832I</li> </ul>	
<b>F</b>	<b>IP Camera</b> <ul style="list-style-type: none"> <li>• Six (6) units of Cisco Meraki MV21 IP Camera (128 Gb)</li> <li>• Each shall have a three (3)-year license</li> </ul>	
<b>G</b>	<b>DNA Center Appliance</b> <ul style="list-style-type: none"> <li>• 1 Rack Unit (RU), small form factor</li> <li>• 64-bit x86 processors</li> <li>• Solid-state disks in RAID 1</li> <li>• Hardware MRAID controller</li> <li>• Dual Power Supplies</li> </ul>	
<b>H</b>	<b>Other Requirements:</b> <ul style="list-style-type: none"> <li>• Fiber Optic Cable OUTDOOR MM OM4 12 core</li> <li>• Six (6) units of 42U E-Rack</li> </ul> <b>Transceivers</b> <ul style="list-style-type: none"> <li>• <b>Sixty-eight (68) 10GbE SFP Fiber Multimode Transceivers</b></li> </ul>	
<b>V.</b>	<b>CONTRACTOR QUALIFICATIONS:</b>	
	<p>The Contractor shall:</p> <ol style="list-style-type: none"> <li>1. Have at least five (5) years experience in IT-related business operations;</li> <li>2. Be a Certified Partner for all the brands being offered for at least five (5) years;</li> <li>3. Submit the following certifications issued by the manufacturer: <ol style="list-style-type: none"> <li>a. Endorsing the Contractor to bid, sell, support and maintain the product being offered;</li> </ol> </li> </ol>	

	<p>b. Stating that all equipment are brand new and up to date.</p> <p>4. Provide five (5) technical engineers with the following qualifications:</p> <ul style="list-style-type: none"> <li>a. Three (3) Cisco Certified Network Associate (CCNA)</li> <li>b. One (1) Cisco Certified Network Professional (CCNP)</li> <li>c. One (1) Cisco Certified Network Associate - Security (CCNA - Security)</li> </ul> <p>5. Provide certified true copies of Certificate of CCNA, CCNA–Security, and CCNP for each of its engineers;</p> <p>6. Provide Project Management Professional (PMP) Certificate;</p> <p>7. Have Philippine Contractors Accreditation Board (PCAB) License for Communication Facilities Small B;</p> <p>8. Provide independent test or third party test report on worst case channel performance testing of the cabling system, as defined in the requirements of TIE/EIA 568-B.2-1, for Category 6 cabling system after installation. Typical or average value is not acceptable;</p> <p>9. Provide a minimum of 25 years Manufacturer’s Warranty on products, cables, and applications installed by the Contractor;</p> <p>10. Provide a Manufacturer’s Certificate for after sales Service and Support (<i>for the Structured Cabling</i>); and</p> <p>11. Own and possess a Level III cable tester (at least DX8000) with proof of ownership and latest calibrated report from the manufacturer.</p>	
<b>VI.</b>	<b>CONFIDENTIALITY CLAUSE</b>	
	The Contractor shall ensure that each of its personnel assigned to the Department shall execute and sign a Non-Disclosure	

	Agreement which is to be submitted to the Department prior to the commencement of the Contract.	
<b>VII.</b>	<b>WARRANTY</b>	
	<p>The Contractor shall provide:</p> <ol style="list-style-type: none"> <li>1. Three (3) years warranty on parts and services commencing after complete turnover of project; and</li> <li>2. Updates and patches for the license subscriptions and software components for all equipment for a period of three (3) years after complete turnover of project.</li> </ol>	
<b>VII</b>	<b>DELIVERY AND PAYMENT</b>	
<b>I.</b>	<ol style="list-style-type: none"> <li>1. The Contractor shall deliver and implement the <b>Upgrade of DFA-ASEANA Structured Cabling System</b> within sixty (60) calendar days upon receipt of Notice to Proceed (NTP).</li> <li>2. Payments shall be made thirty (30) working days upon full implementation of the Solutions and receipt of the invoice and Provisional Acknowledgment Receipt with complete requirements through List of Due and Demandable Accounts Payable (LDDAP).</li> </ol> <p>The list of documentary requirements needed for payment will be provided by the Office of Financial Management Services-Financial Resource Management Division (OFMS-FRMD) upon signing of the contract.</p> <ol style="list-style-type: none"> <li>3. All invoices / billings issued by the Contractor shall be inclusive of all applicable taxes and other lawful charges.</li> </ol>	

Note:

Bidder must state compliance to each of the provisions in the Terms of Reference/Technical Specifications, as well as to the Schedule of Requirements. The Statement of Compliance must be signed by the authorized representative of the Bidder, with proof of authority to sign and submit the bid for and in behalf of the Bidder concerned. If the Bidder is a joint venture, the representative must have authority to sign for and in behalf of the partners to the joint venture. All documentary requirements should be submitted on or before the deadline for the submission of bids.

Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of **ITB** Clause 3.1(a)(ii) and/or **GCC** Clause 2.1(a)(ii).

Conformé:

[Signature/s]

[Name of the Bidder/ Bidder’s Authorized Representative/s]

[Position]

[Date]