

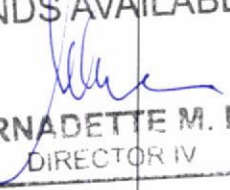
PURCHASE REQUEST
OFFICE OF THE SOLICITOR GENERAL
(Agency)

Department: CASE MANAGEMENT SERVICE	PR No. <u>023-10-173</u>	Date: <u>October 2, 2023</u>
Section:	SAI No.	Date:

Stock No.	Unit	Item Description	Qty	Estimated Unit Cost	Estimated Amount																																																					
	unit	<p>SUPPLY, DELIVERY, INSTALLATION, AND CONFIGURATION OF: OSG DATA CENTER WITH WIDE AREA NETWORK SOLUTION & NEXT GENERATION FIREWALL FOR MULTI-BRANCH SETUP AND OSG RELOCATED DIVISION'S DATA AND NETWORK INFRASTRUCTURE</p> <p><i>The OSG Data Center Project aims to improve the organization's IT infrastructure's efficiency, security, and reliability. The organization can achieve a highly optimized and automated data center environment by implementing a hyper-converged solution using VSAN, WAN solution with a next-generation firewall deployment housed in a smart cabinet.</i></p> <p><i>The OSG is also establishing a connection between a second location (Convergys One Building located at 6796 Ayala Avenue, corner Salcedo Street, Legaspi Village, Makati City) and its present local area network to increase its data and network capacity. The project will be the focal point for all data management, processing, and archiving. The provision of access to computing and storage resources will support various OSG ICT application systems and services.</i></p> <p>Minimum Technical Specifications:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">ITEM</th> <th style="text-align: center;">QTY</th> <th></th> </tr> </thead> <tbody> <tr> <td colspan="3"><i>Hyper-Converged Infrastructure with Single Integrated Rack Solution</i></td> </tr> <tr> <td>Single Integrated Rack Solution</td> <td style="text-align: center;">1</td> <td>unit</td> </tr> <tr> <td>Hyper-Converged Infrastructure (Server, Storage, Network Switches)</td> <td style="text-align: center;">1</td> <td>lot</td> </tr> <tr> <td>Network Attached Storage (for Backup and Replication)</td> <td style="text-align: center;">1</td> <td>unit</td> </tr> <tr> <td colspan="3"><i>WAN Solution with NGFW</i></td> </tr> <tr> <td>Wide Area Network Solution with Next Generation Firewall for Multi-Branch Setup</td> <td style="text-align: center;">1</td> <td>lot</td> </tr> <tr> <td colspan="3"><i>Relocation Data and Network Infrastructure</i></td> </tr> <tr> <td>42RU Data Cabinet and 2KVA UPS with quick-release and reversible doors</td> <td rowspan="5" style="text-align: center; vertical-align: middle;">1</td> <td rowspan="5" style="text-align: center; vertical-align: middle;">lot</td> </tr> <tr> <td>Rackmount Server with dual CPU</td> </tr> <tr> <td>LAN and Wireless Connectivity</td> </tr> <tr> <td>Network Attached Storage</td> </tr> <tr> <td>Network Generation Firewall</td> </tr> </tbody> </table> <p><i>Please see attached Terms of Reference:</i></p> <p>A. Rationale</p> <p>B. Objective</p> <p>C. Terms</p> <table style="width: 100%;"> <tr> <td style="width: 50%;">i. Scope</td> <td>iv. Delivery</td> </tr> <tr> <td>ii. ABC</td> <td>v. Training</td> </tr> <tr> <td>iii. Payment</td> <td>vi. Qualifications of the Supplier</td> </tr> </table> <p>D. Minimum Technical Specification</p> <p>i. Hyper Converged Infrastructure with Single Integrated Rack Solution</p> <p>1. Single Integrated Rack Solution</p> <table style="width: 100%;"> <tr> <td style="width: 50%;">> General</td> <td>> Monitoring</td> </tr> <tr> <td>> Standard Features</td> <td>> Operation Conditions</td> </tr> <tr> <td>> Rack</td> <td>> Warranty</td> </tr> <tr> <td>> Power Management Unit</td> <td>> Implementation</td> </tr> <tr> <td>> Rack Power Distribution Unit OU Type</td> <td>> Support Service Requirement</td> </tr> <tr> <td>> UPS System</td> <td>> Other Warranty and After Sales Requirement</td> </tr> <tr> <td>> Cooling System</td> <td></td> </tr> <tr> <td>> Fan Module (Emergency Ventilation)</td> <td></td> </tr> </table>	ITEM	QTY		<i>Hyper-Converged Infrastructure with Single Integrated Rack Solution</i>			Single Integrated Rack Solution	1	unit	Hyper-Converged Infrastructure (Server, Storage, Network Switches)	1	lot	Network Attached Storage (for Backup and Replication)	1	unit	<i>WAN Solution with NGFW</i>			Wide Area Network Solution with Next Generation Firewall for Multi-Branch Setup	1	lot	<i>Relocation Data and Network Infrastructure</i>			42RU Data Cabinet and 2KVA UPS with quick-release and reversible doors	1	lot	Rackmount Server with dual CPU	LAN and Wireless Connectivity	Network Attached Storage	Network Generation Firewall	i. Scope	iv. Delivery	ii. ABC	v. Training	iii. Payment	vi. Qualifications of the Supplier	> General	> Monitoring	> Standard Features	> Operation Conditions	> Rack	> Warranty	> Power Management Unit	> Implementation	> Rack Power Distribution Unit OU Type	> Support Service Requirement	> UPS System	> Other Warranty and After Sales Requirement	> Cooling System		> Fan Module (Emergency Ventilation)		1	Php 17,460,000.00 VAT INCLUSIVE	Php 17,460,000.00
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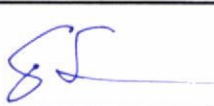

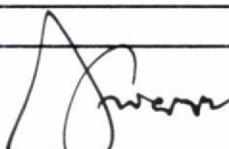
Stock No.	Unit	Item Description	Qty	Estimated Unit Cost	Estimated Amount
		<p>2. Supply, Delivery and Installation of Three (3) Nodes Pre-Validated Hyper-converged Infrastructure (HCI) System</p> <ul style="list-style-type: none"> > HCI Nodes Features > Warranty and Support > Switch > Key Features > Quality of Service > Resiliency and High Availability > Performance > Connectivity > Management > Layer 2 Switching <p>3. Network Attached Storage (for Backup and Replication) - 1 unit</p> <ul style="list-style-type: none"> > Technical Specification > Backup Solutions > Backup Tools > Snapshot Replication > Hardware Specifications > HDD Specifications <p>ii. Wide Area Network Solution with Next Generation Firewall for Multi-Branch Setup</p> <p>1. Upgrade and Replacement of Existing Firewall - 1 unit</p> <ul style="list-style-type: none"> > General > Hardware > Performance > Integration > Software > Environment <p>2. Next Generation Firewall - 1 unit</p> <ul style="list-style-type: none"> > General > Hardware > Performance > Integration > Software > Environment <p>iii. Relocation Data and Network Infrastructure</p> <p>1. Server Enclosure, Essential, 42U, 800W X 1170D, 1200KG, Black, Flat</p> <ul style="list-style-type: none"> > Technical Specifications > Standards and Materials > PDU > Warranty <p>2. Supply of 2KVA UPS</p> <ul style="list-style-type: none"> > Technical Specification > Warranty > Installation <p>3. Wireless LAN Infrastructure Upgrade</p> <p>Indoor Access Points (20 Units)</p> <ul style="list-style-type: none"> > Features > Technical Specifications <p>WLAN Controller Orchestrator for High Availability (1 unit)</p> <ul style="list-style-type: none"> > Technical Specifications <p>Network Access Switch (1 unit)</p> <ul style="list-style-type: none"> > Key Features > Quality of Service (QoS) > Resiliency and High Availability > Performance > Connectivity > Management <p>Network Core Switch (1 unit)</p> <ul style="list-style-type: none"> > Key Features > Quality of Service (QoS) > Resiliency and High Availability > Performance > Connectivity > Management 			

Stock No.	Unit	Item Description	Qty	Estimated Unit Cost	Estimated Amount
		Support Services Renewal Services 4. 1x (One) Server Rack Type > Form Factor > Optical Disk Drive > Processor > Ports - Front & Rear > Memory > Management > Storage > Features > Power Supply > Manpower > Network Interface > Warranty 5. Supply of Network Attached Storage Solutions > Technical Specifications > Security > Backup Solutions > File Server & Synchronization > Back up Tools > Universal Search > Snapshot Replication > Warranty > Hardware Specifications > Installation > HDD Specifications > Support Service Requirements > DSM Specifications > Certification 6. Supply of Next Generation Firewall > General Specifications > Security Services > Hardware > Implementation Services > Performance > Support Services > Authentication > Accreditation > Software > Certification > Environment			
		<i>Attached: Memorandum from TWG Chairperson SSS Maricar Mendoza and Approved Terms of Reference from Technical Working Group of ICT Equipment</i>			

FUNDS AVAILABLE:

BERNADETTE M. LIM
 DIRECTOR IV

Amount in Words: **Seventeen Million Four Hundred Sixty Thousand Pesos Only** Php 17,460,000.00

Purpose: **For Public Bidding**

Prepared By:	Recommending Approval:	Approved by:
		
SHERA JANE B. SOLON	EDITHA R. BUENDIA	MENARDO I. GUEVARRA
Administrative Officer V	Director IV, HRMAS	Solicitor General