



Republic of the Philippines
Office of the Solicitor General
134 Amorsolo St. Legaspi Village, Makati City

Technical Working Group for
Information and Communications Technology

TERMS OF REFERENCE

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

RATIONALE

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.

The hyper-converged solution using VSAN combines computing, storage, and networking resources into a single platform, eliminating the need for separate infrastructure components and reducing complexity and costs. The smart cabinet provides a self-contained and highly efficient infrastructure for hosting IT equipment, enabling the organization to reduce energy consumption, minimize space requirements, and simplify management.

The WAN solution with next-generation firewall deployment enhances network security by providing advanced threat protection, intrusion prevention, and secure remote access. The SD-WAN linking the main and branch office and co-location facility improves connectivity and enables the organization to streamline network management and reduce costs.

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,

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processing, and archiving. The provision of access to computing and storage resources will support various OSG ICT application systems and services.

OBJECTIVES

The OSG Data Center Project aims to create a highly available, secure, and scalable data center environment that can support the organization's mission-critical applications and services. The organization can improve operational efficiency, reduce costs, and enhance the overall user experience by leveraging advanced technologies and solutions. Additionally, the project aims to comply with industry standards and best practices for data center design and operations to ensure a highly resilient and reliable IT infrastructure.

The Relocated Division's Data and Network Infrastructure Project aims to provide the OSG with a modern, scalable, and secure data center infrastructure that will support its growing needs for data storage and processing. It also aims to implement and maintain a secure and efficient information technology infrastructure for the offsite office. The plan includes a data cabinet with a backup power supply, wireless infrastructure for all relocating legal divisions and units, a rackmount server, and storage to link the primary and off-site office spaces.

TERMS

1. *Scope.* - Supply, delivery, installation, and configuration of: (a) OSG Data Center with wide area network solution & next generation firewall for multi-branch setup, and (2) OSG Relocation Data and Network Infrastructure.

2. *ABC.* - The Approved Budget for the Contract (ABC) is **Seventeen Million Four Hundred and Sixty Thousand Pesos (₱17,460,000.00), inclusive of all government taxes, charges and other standard fees.**

ITEM	QTY
Hyper-converged Infrastructure with Single Integrated Rack Solution	
- Single Integrated Rack Solution	1 unit

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- Hyper-converged Infrastructure (Server, Storage, Network Switches) 1 lot
- Network Attached Storage (for Backup and Replication) 1 unit

WAN Solution with NGFW

- Wide Area Network Solution with Next Generation Firewall for multi-branch setup 1 lot

Relocation Data and Network Infrastructure

- 42RU Data Cabinet and 2KVA UPS with quick-release and reversible doors
- Rackmount Server with dual CPU 1 lot
- LAN and Wireless Connectivity
- Network Attached Storage
- Next Generation Firewall

3. *Payment.* - The OSG shall pay the Supplier in accordance with the following schemes/schedules:

	Particulars	Remarks/Conditions
First Release	a) 15% Mobilization Payment	The amount represents the mobilization fund. The Supplier shall submit a written request within five days upon receipt of the signed and notarized Contract.
Second Release	b) 65% of the Total Contract Price, net of Mobilization Payment	Within fifteen days from delivery of Hyper-converged Infrastructure with Single Integrated Rack Solution and WAN Solution with NGFW.
Third Release	c) 30% of the Total Contract Price	Within fifteen days from completion of the scope of work, knowledge transfer for end-users (based on certification from the Case Management Service), and issuance of the