

## **TERMS OF REFERENCE**

### **DATA CENTER ELECTRICAL CABLING AND MAINTENANCE**

#### **I. RATIONALE AND BACKGROUND:**

The Philippine Guarantee Corporation intends to move and operationalize its data center to its new office for more efficient and faster data communication.

#### **II. PROJECT DESCRIPTION AND LOCATION:**

This project is to augment the present electrical capacity of its Data Center and Main Distribution Frame at 22nd Floor BPI-PhilAM Building, Ayala Ave., Makati.

The project will have an Approved Budget for the Contract (ABC) of **Four Hundred Thousand Pesos (P 400,000.00)** including all applicable taxes.

#### **III. PROJECT SCOPE OF WORK:**

- Supply and installation of two (2) thirty (30) meters electrical connection
- Coordination with Building Administration, FGSD electricians, Security personnel and Information Technology Department
- Site visit and inspection
- Installation and Termination
- Submission of the documentation with corresponding pictures signed by the licensed Electrical Engineer
- Health Check of **APC UPS Model SRT8KXLI (The UPS)**
- Supply of New Two (2) set of battery for **The UPS**
- Electrical Disconnection of **The UPS**
- Racking and Installation of **The UPS**
- Electrical Connection, Power-on and Start-up of **The UPS**

#### **IV. MATERIALS:**

- ECB, 230VAC, 1Phase, 2Pole, 60Hz rated for 8KVA
- NEMA Enclosure with Ground busbar
- Electrical Materials including Miscellaneous and Consumables

## **V. SERVICES:**

- Documentation Electrical Plan and As Built
- Project Management, Supervision and Engineering Works
- Health Check of **The UPS**
- Disconnection of **The UPS** located PHILGUARANTEE office, BDO Valero Towers Officer, Valero St., Makati
- Racking and Installation, Power-on and Start-up of **The UPS** at PHILGUARANTEE office, BPI PhilAM Life Office, Ayala Ave., Makati

## **VI. PROJECT STANDARDS & REQUIREMENT:**

The following are the minimum qualifications and requirements for the contractor:

- **Track record:**

The service provider should submit together with the technical bid a copy of certification of Data Center Specialist or UPS for Data Center Specialist.

- **Manpower:**

The Contractor shall provide at least one (1) Electrical personnel wearing proper personal protective equipment in conducting the installation of the electrical equipment.

All services to be rendered must be supervised by a duly licensed Master Electrician and duly licensed Electrical Engineer whom are required to provide Certificate of Registration and License.

- **Other Requirements:**

Submission of Bill of Materials together with the Bid Submission

## **VII. DELIVERY AND PROJECT TIMELINE**

- Delivery and project completion thirty calendar days (30 c.d.) upon receipt of NTP.

## **VIII. PAYMENT TERMS**

- 30 Calendar days upon acceptance

## **IX. WARRANTY**

- Warranty: One (1) Year

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