

TECHNICAL SPECIFICATIONS

SUPPLY AND DELIVERY OF INTERNET SERVICE PROVIDER

I. BACKGROUND

An indispensable requirement for any organization to thrive and operate is internet connectivity. For this reason, the TPB intends to avail the service of an internet provider to cater to the connectivity requirements of TPB operations in Legaspi Tower 300.

II. OBJECTIVES

To provide internet connectivity to TPB to support its daily office operations

III. SCOPE OF WORK / SERVICES

- Provision of internet service
- Testing, installation, and commissioning as needed.

GENERAL PROVISION

- This document prescribes the complete purchase and delivery of services for the project that the provider will undertake in full compliance with the requirements.
- If there is an apparent contradiction or ambiguity between the sections of this document, the provider shall bring the matter to the attention of the TPB during the pre-bid conference and shall obtain their decision as to the true meaning or intention proceeding with the affected supply.
- In the event of the provider's inability to meet service level agreements, the TPB shall have the right to collect rebates or unilaterally terminate the contract. It shall not be held liable for payment of any fees.

GENERAL REQUIREMENT

- Installation of high-quality internet service carried through a highly resilient access network and delivered through fiber optic technology with robust, extensive, and diversely routed and congestion-free connectivity.

REQUIRED BIDDER QUALIFICATIONS

- Must be a local telecommunications company (provides voice, data, and internet) for at least five (5) years
- Must be in the business of providing internet service to various government agencies and private companies for at least five (5) years
- Must be a PhOpenIX member for at least three (3) years
- Must be a first tier provider
- Must have an existing fiber facility within the Legaspi Towers 300 and shall not rely on other last-mile providers to deliver the service requirement. Sub-contracting is not allowed.

- Supplier's TOC must be at most 4 kilometers radius away from TPB to provide immediate support to the agency when needed. Provide diagram showing providers TOC and TPB

TECHNICAL REQUIREMENTS

III.1. General

- III.1.1. 150 Mbps Committed Information Rate (CIR)
- III.1.2. Clear channel leased line using end-to-end fiber optic cables
- III.1.3. Interface hand-off: gigabit ethernet electrical
- III.1.4. Symmetric downlink/uplink data speeds, Synchronous, Terminated via Metro-E
- III.1.5. **Last mile:** via fiber facility

III.2. Network Requirement

- III.2.1. Must have at least six (6) direct International Uplinks/IP Peering (Tier 1/Tier 2) for redundancy purposes. (Provide Uplinks /IP Peering Certification and Uplink/IP peering detailed diagram)
- III.2.2. Must have/operate its own Backhaul going to Cable Landing Station (i.e., Nasugbu, Batangas, Naic, Cavite). (Provide detailed diagram).
- III.2.3. Must have a minimum total Uplink capacity of 5Gbps (to address needs of client/s)
- III.2.4. Manage and operate local internet peering (i.e., MIX, GIX, PHIX). (Provide International Peering Certification) – Local request by the supplier
- III.2.5. Gigabit Ethernet interface to support scalability

III.3. Service Inclusions:

- III.3.1. at least 13 usable public IP addresses
- III.3.2. Domain name parking
- III.3.3. Real-time usage/bandwidth utilization report through MRTG access
- III.3.4. 1 GB Email/Web Hosting space - 1GB per email account

RESPONSIBILITY OF THE SERVICE PROVIDER

- III.4. Ensure that the CIR is met at least 99.95% of the time
- III.5. Ensure 99.95% service availability
- III.6. Secure the necessary permits and approvals from relevant stakeholders
- III.7. Provide the necessary cabling and equipment
- III.8. Conduct the necessary installations and configurations
- III.9. Ensure that the public IP addresses are not blacklisted
- III.10. Provide a single point of contact (preferably account manager)
- III.11. Provide 24 x 7 support and problem resolution and reporting within 24 hours

IV. PROJECT IMPLEMENTATION SCHEDULE

Service provisioning should start within seven (7) calendar days upon receipt of notice to proceed, after which liquidated damages shall be imposed.

V. APPROVED BUDGET FOR THE CONTRACT (ABC)

The ABC is Nine Hundred Eighty Thousand Pesos Only (PhP980,000.00) inclusive of all applicable fees and taxes

VI. TERMS OF PAYMENT

Payment will be on a send-bill arrangement to be settled within thirty (30) calendar days upon receipt of a billing statement and complete supporting documents subject to usual accounting rules and regulations.

Payments will be made through a Landbank of the Philippines (LPB) deposit. In case the supplier does not have an LBP account, bank charges will be shouldered by the supplier.

VII. CONTRACT DURATION

Service provision shall commence from the date of circuit activation and will run for nine (9) months.

VIII. PROJECT OFFICER CONTACT DETAILS

	Primary	Alternate
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