

TERMS OF REFERENCE

PROJECT: FIBER OPTIC INTERNET SUBSCRIPTION

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.

DURATION OF TASK: 6 month subscription/contract after circuit activation and testing

TECHNICAL SPECIFICATIONS:

Bandwidth: minimum of **150mbps** (Internet Leased Line)

Interface Hand-off: Fast Ethernet/Gigabit Ethernet Electrical

Type of Connection: 1:1 ratio, Synchronous; Terminated via Metro-E

Last Mile: Via Fiber Facility

Note: Telco shall be the owner of Fiber facility and shall not rely with other last mile provider to deliver the service requirement. **Sub-contracting is not allowed.**

Network Requirement:

- Must have at least 6 direct International Uplinks/IP Peering (Tier 1/Tier 2) for redundancy purposes. (Provide Uplinks /IP Peering Certification and Uplink/IP peering detailed diagram)
- Must have/operate its own Backhaul going to Cable Landing Station (i.e. NasugboBatangas, Naic Cavite). (Provide detailed diagram).
- Provider must have a minimum total Uplink capacity of 5Gbps (to address needs of client/s)
- Manage and operate local internet peering (i.e. MIX, GIX, PHIX). (Provide International Peering Certification)
- Must be PHOpenIX member for at least 3-5 years
- Gigabit Ethernet interface to support scalability
- Must have current fiber optic facility with the building

Vendor Requirement:

- Must be a Local Telecommunications company (provides Voice, Data and Internet)
- Provide certification from NTC
- The Telecommunications company must have rendered at least ten (10) years of Internet service to the different government agencies and private companies
- Installation lead time should be 15 working days
- Must comply the industry Standard Service Level of Agreements (SLA) performance of 99.5% (Last Mile Availability)
- Must provide Technical Support within 24 hours a day x 7 days a week
- Must provide rebates if the Service Availability falls below commitment
- Civil works is included in the Approved Budget Cost (ABC)

Technical Operation Center (TOC) Requirement:

- Suppliers TOC must be at-most 2-4 kilometers radius away from TPB (to provide immediate support to the agency when needed)
- Provide diagram showing providers TOC and TPB

Package Inclusions:

- /29 IP block address (13 usable IP address)
- Domain Name Parking
- Real-Time usage/Bandwidth utilization report through MRTG Access
- 1 GB Email/Web Hosting space
- Free Domain parking
- 24x7 Customer Service and Technical Support

PROJECT COST: PhP720,000.00