



**Republic of the Philippines**  
**Professional Regulation Commission**  
**Bids and Awards Committee**  
**Central Office**

P. Paredes St., Sampaloc, Metro Manila  
 Tel. Fax: 5-310-0037  
 Email: bac@prc.gov.ph



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**Section VII. Technical Specifications**

Item	Qty	Specification	Statement of Compliance Statements of "Comply" or "Not Comply"
PROCUREMENT OF INTERNET CONNECTION REDUNDANCY FOR ONE (1) YEAR	1 lot	<p><b>Minimum specifications:</b></p> <p><b>Internet Features:</b></p> <ol style="list-style-type: none"> <li>1. Must deliver 500 Mbps Dedicated Internet for PRC Main Office</li> <li>2. Must capable to provide /28 IP Block</li> <li>3. At least 4.5 Tbps of International IP Port Capacity</li> <li>4. At least 15 Unique Global Internet upstream partners for IPV4</li> <li>5. IPV6 Ready Network</li> <li>6. With four (4) International Internet Gateways/Point of Presence in Asia and US</li> <li>7. Peered to at least 4 Local Exchange points (IXPs) : PHOPENIX,VIX,GIX,PHIX</li> <li>8. Diverse and Distributed cables routes using trans-asia and trans-pacific submarine cable systems; with redundancy</li> <li>9. Utilizing six (6) Cable Landing Stations in the Philippines going outside the country for diversity and redundancy</li> <li>10. Provider must build and manage its own domestic fiber optic backbone network that is used to carry traffic of business customers</li> <li>11. Provider must provide symmetrical upload and download bandwidth allocation.</li> <li>12. Existing Professional Regulation Commission ISP provider cannot join the bidding.</li> <li>13. All installation fee is at cost of the winning bidder.</li> </ol> <p><b>Certifications:</b></p> <ol style="list-style-type: none"> <li>1. Must have an NTC Tier 1 Certification</li> <li>2. Must provide a certification from PHOpenIX with at least 100G peering</li> </ol>	



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capacity and that the provider should be at least 6 years member of PHOpenIX.

**SLA:**

1. Dedicated access to the Internet via end to end Pure Fiber Optic Cable with at least 99.7% Service Availability Level.
2. Provide 24 x 7 technical assistance and customer service accessible via telephone and email.
3. The service provider must submit detailed escalation and restoration procedure for network or service outages including the contact details
4. The service provider must provide MRTG access for bandwidth reporting and monitoring.
5. Provider must operate its own aftersales technical support and not outsourced

**Network:**

1. The network shall have full redundancy in the physical level, i.e. core switches and multiple gateway boarder routers for guaranteed QoS (Quality of Service).
2. The service provider must provide the modem/router for the internet link
3. Redundant and geographically connected with 800G Core Network
4. Must allow a Full -BGP routing on ALL of the available internet backbone , limited and/or one IP transit gateway to the internet is not acceptable.
5. Utilized its own pure Fiber End to End , from Core Network to the last mile facility to deliver the service.
6. 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.
7. Must provide a Fiber Facility last mile connection from Telco core network up to customer premise.

**Schedule of delivery:**

Lead time for the completion- 10 - 15 days upon receipt of the Notice to Proceed



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1. Compliance with the statements must be supported by evidence in a Bidder's Bid and cross-referenced to that evidence. Evidence shall be in the form of the manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data, brochures, etc., as appropriate.
2. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection.
3. A statement either in the bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of ITB Clause 4.

**ACKNOWLEDGEMENT AND COMPLIANCE WITH THE TERMS OF  
REFERENCE FOR THE PROCUREMENT OF INTERNET CONNECTION  
REDUNDANCY FOR ONE (1) YEAR**

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SIGNATURE OVER PRINTED NAME  
OF AUTHORIZED REPRESENTATIVE,  
DESIGNATION AND PRINTED NAME OF COMPANY