



Bids and Awards Committee

Republic of the Philippines
 Professional Regulation Commission
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Section VII. Technical Specifications

| Items | Description |
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| 1. | SERVICE PROVIDER REQUIREMENTS: |
| | 1.10. BIDDER must certify that the cable facility being used in the connectivity between the bidder's circuits is exclusively owned and operated by the bidder; all last mile facility must be wire cable. |
| | 1.11. BIDDER must provide a certification that they are connected or subscribed to Tier 1 or Tier 2 networks or ISPs |
| | 1.12. BIDDER must provide a certification that it uses own domestic nationwide network and operates its own landing stations, at least 3 cable landing stations |
| | 1.13. BIDDER must directly connects to Asia Pacific and US Peering partners |
| | 1.14. BIDDER must provide a certification that its network platform is compliant to the latest MEF carrier Ethernet (2.0) |
| | 1.15. BIDDER must have at least 3 Cisco Certified Internetworking Expert, 8 MEF Carrier Ethernet Certified Professionals 2.0 and certified Project Management Professionals (PMP) Technical support personnel |
| | 1.16. BIDDER must support or IPV6 ready and compliant |
| | 1.17. BIDDER must provide a Certification that it uses IPVPN Network that supported by a Nationwide Domestic Fiber Optic Backbone Network to ensure Fast and Reliable service across the nation, the bidder must own the facility |
| | 1.18. BIDDER shall provide fast and reliable Wi-Fi connectivity |
| 2. | TECHNICAL REQUIREMENT: |
| | 1.7. Type of Access – Fixed Bandwidth |
| | 1.8. Subscription must include modern, router or any device that will convert the last mile facility (fiber or copper) to Ethernet for Fast Ethernet. Must include all necessary cable to interconnect and operate all equipment |
| | 1.9. Must be layer 3 VPN based on Multi-Protocol Label Switching (MPLS) Technology and the bidder's serving nodes must be geographical dispersed. |
| | 1.10. The IPVN nodes must be in Mesh Topology (multi-point to multi-point) to ensure dependability and resiliency, bandwidth should be upgradable when required |
| | 1.11. The IPVN solution must be able to deliver Class of Service (CoS) feature, to segregate VoIP traffic and Business critical traffic from the rest. CoS capability should be delivered from the one Customer Edge router up to the other, and should be fully executed on a PE to PE (Provider Edge Router) basis within the provider's core infrastructure |
| 1.12. Lead time for the completion – 60 days | |

