

INTERNET LEASE LINES SERVICE FOR THE US EMBASSY HANOI
July 01, 2015 – June 30, 2016

1. Point-to-Point Leased Line:

- Installation between physical addresses:
 - i. 7 Lang Ha, Ba Dinh, Ha Noi, Vietnam
 - ii. 2 Ngo Quyen, Ha Noi, Vietnam
- Bandwidth: 100 Mbps
- Fiber Optic Leased Line
- MPLS Layer 2

2. Point-to-Point Leased Line:

- Installation between physical addresses:
 - i. 7 Lang Ha, Ba Dinh, Ha Noi, Vietnam
 - ii. 2 Ngo Quyen, Ha Noi, Vietnam
- Bandwidth: 5 Mbps
- Fiber Optic Leased Line
- MPLS Layer 2

3. Internet Leased Line:

- Installation address: 7 Lang Ha, Ba Dinh, Ha Noi, Vietnam
- Internet Bandwidth: 2 Mbps, Dedicated, International
- Fiber Optic
- Subnet: Minimum of four public Internet routable addresses from their Internet address. This requires a masking block from subnet of /24 through /29 (I.E. /24, /25, /26, /27, /28 OR /29). It shall not be filtered or block for any ipsec ports or protocols.

4. Internet Leased Line:

- Installation address: 170 Ngoc Khanh, Ba Dinh, Ha Noi, Vietnam
- Internet Bandwidth: 14 Mbps, Dedicated, International
- Fiber Optic
- Subnet: /28 subnet, static Public IP addresses

5. Internet Leased Line:

- Installation address: 7 Lang Ha, Ba Dinh, Ha Noi, Vietnam
- Internet Bandwidth: 4 Mbps, Dedicated, International

- Fiber Optic
- Subnet: /28 subnet, static Public IP addresses

6. Internet Leased Line:

- Installation address: 7 Lang Ha, Ba Dinh, Ha Noi, Vietnam
- Internet Bandwidth: 15 Mbps, Dedicated, International
- Fiber Optic
- Subnet: /28 subnet, static Public IP addresses for VPN equipment, "always on", NO Network Address Translation, permit all IP protocols (including but not limited to UDP, TCP, and IPSEC) to transit without filters or proxies. Unfiltered access to the Internet is required without ISP firewall blocking. Must permit ping and trace route traffic from 169.252.0.0/16 and 169.253.0.0/16 to the ISP connection.

7. Point-to-Point Direct Fiber (Metronet):

- Installation between physical addresses:
 - i. 7 Lang Ha, Ba Dinh, Ha Noi, Vietnam
 - ii. 170 Ngoc Khanh, Ba Dinh, Ha Noi, Vietnam
- Fiber Optic, Six Pair
- Direct Point-to-Point

8. Point-to-Point Leased Line:

- Installation between physical addresses:
 - i. 7 Lang Ha, Ba Dinh, Ha Noi, Vietnam
 - ii. 324 Nguyen Trai, Thanh Xuan, Ha Noi, Vietnam
- Bandwidth: 100 Mbps
- Fiber Optic Leased Line
- MPLS Layer 2

9. Point-to-Point Leased Line:

- Installation between physical addresses:
 - i. 7 Lang Ha, Ba Dinh, Ha Noi, Vietnam
 - ii. 4 Le Duan, Ho Chi Minh City, Vietnam
- Bandwidth: 7 Mbps
- Fiber Optic Leased Line
- MPLS Layer 2

10. Internet :

- Installation address: 18 Tong Dan
- Internet Bandwidth: 1 Mbps, Dedicated, International
- Fiber Optic
- Subnet: /28 subnet, static Public IP addresses

11. Point-to-Point Leased Line:

- Installation between physical addresses:
 - i. 7 Lang Ha, Ba Dinh, Ha Noi, Vietnam
 - ii. 18 Tong Dan, Hanoi, Vietnam
- Bandwidth: 5 Mbps
- Fiber Optic Leased Line
- MPLS Layer 2

12. Backup and Load Balancing:

- Provide a physical and logical backup and load balancing solution for all Internet and Point-to-Point connections.