

Terms of Reference for Data Connectivity/Internet Connectivity/Manage for Head Office and Branch Offices

1. Background

National Life Insurance Company Limited (National Life) having branches across Nepal solicits proposals from the registered bidder as a "Network Service Provider (NSP) & Internet Service Provider (ISP)" with Nepal Telecommunication Authority, having at least 5 years of experience in Data Connectivity, Internet Services and related services for its regular and emergency data connectivity & internet service operations in branches across Nepal. This TOR exercise will result in entering into agreement between the National Life and the selected ISPs for the period from Shrawan 2083 to Ashad 2085.

2. Services Category

- I. Dedicated Internet Service
- II. Dual Link Data Connectivity Service
- III. Single Link Intranet Connectivity Service
- IV. Managed Wifi Service

2.1. Dedicated Internet Service

| Mandatory Service Quality for Dedicated Internet Service | | |
|--|------------------------|---|
| 1 | Definition | Internet Service refers to L3 Dedicated Internet Connectivity to be provided to sites listed in Annex A hereafter referred to as "Internet Service Site" |
| 2 | Physical Link | Physical Link should be optical fiber based as far as possible. |
| 3 | Public IP | Each Internet Branch must be provided with dedicated public IP Pool of at least 2 Public IPs |
| 4 | Uptime | Service should have uptime above 99%. Packet Loss should be less than 0.2%. |
| 5 | Latency | Latency should be minimum. |
| 6 | Bandwidth | Bandwidth on each site should be as per Annex A |
| 7 | NPIX and CDN Bandwidth | Traffic to NPIX sites should not be restricted. ISP must provide minimum 5x purchased bandwidth to CDN such as Youtube, Google etc. |
| 8 | Penalty | If service is disrupted continually for period of 24 hours, Rs. 1000 will be penalized and deducted from monthly bill per day per site until service is restored. |

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| 9 | Traffic Filtering | ISP shall not filter any traffic unless mandated by law. |
| 10 | Termination/Change of Service by National Life | National Life reserves the right to terminate service/change service to Internet Service with 15 days prior notice as per management decision. |

2. II. Dual Link Intranet Connectivity Service

| Mandatory Service Quality for Dual Link Intranet Connectivity Service | | |
|--|--|---|
| 1 | Definition | Intranet Service refers to Site to Site IPSEC VPN connectivity over L2 VLAN Head Office and branches listed in Annex B hereafter referred to as "Dual Link Intranet Branches" sites listed in Annex B |
| 2 | Primary Link | Primary Physical Link should be optical fiber based |
| 3 | Secondary Link | Secondary Physical Link can be fiber/wireless. |
| 4 | Failover Device | There should be automatic failover device placed in each Intranet Branch. In case the primary link is down, the secondary link should be automatically activated. ISP shall provide administrative access to National Life. Such devices and firmware/software used on those devices shall be updated and patched regularly. |
| 5 | Fault Tolerance | ISP shall ensure service has no single point of failure. Primary and Secondary Link must be routed via different paths and POPs to ensure service uptime. |
| 6 | Uptime | Service should have uptime above 99.8%. Packet Loss should be less than 0.1%. |
| 7 | VPN Device | Intranet site must be connected to Head Office through IPSEC Site to Site VPN device. ISP must provide all hardware, software licenses and necessary configuration at Head Office and Intranet Branches to create Site to Site VPN connection from each intranet site to Head Office. Devices/licenses must be of the latest version. ISP must update and patch devices provided to latest version throughout service period. |
| 8 | Latency | Latency should be less than 20ms |
| 9 | Penalty | If service is disrupted continually for a period of 24 hours, Rs. 1000 will be penalized and deducted from the monthly bill per day per site until service is restored. |
| 10 | Termination/Change of Service by National Life | National Life reserves the right to terminate service/change service to Internet Service with 15 days prior notice as per management decision. |

2. III. Single Link Intranet Connectivity Service

| Mandatory Service Quality for Single Link Intranet Connectivity Service | | |
|--|--|--|
| 1 | Definition | Single Link Intranet Service refers to L2 Connectivity from Branches to Head Office over FTTE/Active Fiber/Wireless sites listed in Table C |
| 2 | Primary Link | Primary Physical Link should be optical fiber based. |
| 3 | Uptime | Service should have uptime above 99.8%. Packet Loss should be less than 0.1%. |
| 4 | Latency | Latency should be less than 20ms |
| 5 | Penalty | If service is disrupted continually for a period of 24 hours, Rs. 500 will be penalized and deducted from the monthly bill per day per site until service is restored. |
| 6 | Bandwidth | Bandwidth on each site should be as per Annex C |
| 7 | Traffic Filtering | ISP shall not filter any traffic within Intranet Service unless mandated by law. |
| 8 | Termination of service due to service outage | National Life reserves the right to terminate service in any intranet branch if service is down continually for more than 2 days. |
| 9 | Termination/Change of Service by National Life | National Life reserves the right to terminate service/change service to Internet Service with 15 days prior notice as per management decision. |
| 10 | Branch Relocation | Branch Relocation upto within 200 mtrs of current location shall be free. ISP shall provide relocation cost for distances above 200 meters. |

2. IV. Managed WIFI Service

| Mandatory Service Quality for Managed WIFI Service | | |
|---|------------|---|
| 1 | Definition | Managed Wifi Service refers to Wireless Internet Service to be provided to guest users/visitors at Head Office/Branches with bandwidth/ data usage restrictions through use of Wireless Access Points (APs) sites listed in Table D |
| 2 | Device | Bidder shall provide minimum WIFI 5 Standard compatible Access Point operating on 2.4 GHz/ 5 GHz. Access point should be a ceiling/ wall mountable model. |
| 3 | Capacity | Each AP must be able to support at least 24 wireless clients at same time. It must have a Gigabit backhaul link. |
| 4 | Delivery | Access Point shall be delivered to selected branch premises with mount ready accessories. |

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| 5 | Features | AP shall support multiple SSID creation and integration with AAA Servers |
| 6 | Bandwidth | Bidder shall allocate adequate bandwidth for Guest Wifi which shall not be accounted in Internet |
| 7 | NPIX and CDN Bandwidth | Traffic to NPIX sites should not be restricted. ISP must provide a minimum 5x purchased bandwidth to CDN such as Youtube, Google etc. |
| 8 | Management | Management of APs, creation of SSID and security keys shall be done via cloud based management system. AP shall not require on site Controller for management. Bidder shall train National Life Team on Network Operation. National Life team shall be allowed to create SSID and change security keys as needed |
| 9 | Captive Portal | Access to guest wifi shall be restricted via Captive Portal. Upon acceptance of terms and conditions, guest user shall be granted access to Internet. Content of Captive Portal must be configurable by National Life. |
| 10 | Logging | Bidder shall ensure logging of guest users, restrict access to prohibited websites as per Nepal Government Rules or by National Life |
| 11 | Installation | National Life shall provide network cabling carrying data/power to Access Point Installation Point. National Life shall select installation point. Bidder shall be responsible for connecting CPE device/port to Managed WIFI AP. |
| 12 | Termination/Change of Service by National Life | National Life reserves the right to terminate service with 15 days prior notice as per management decision. |
| 13 | Termination of service due to service outage | National Life reserves the right to terminate service in any Managed WiFi branch if service is down continually for more than 2 days. |
| 14 | Branch Relocation | Branch Relocation upto within 200 meters of current location shall be free. ISP shall provide relocation cost for distances above 200 meters. |

3. Support Structure

| | | |
|---|-------------------------|---|
| 1 | Escalation Matrix | ISP shall provide Problem Escalation Matrix with response time and L1/L2/L3 Support Contact information |
| 2 | Response Time | Phone Support: Immediate |
| | | Dedicated Internet Service: 1 hour on site visit |
| | | Dual Link Intranet Service: 1 hour on site visit |
| | | Single Link Intranet Service: 6 hours for on site visit |
| | | Management Wifi: 24 hours |
| 3 | Service Level Agreement | The ISP should propose a Service Level Agreement with details on their support escalation matrix response time, Problem resolutions & escalation methods etc. |

| | | |
|---|---------------------------|---|
| 4 | Ownership and Maintenance | All hardware equipment, licenses, cabling shall remain property of ISP. National Life shall ensure safety of ISP devices in its premises. |
| 5 | Monitoring | ISP shall provide a real time, web based service monitoring system with real time bandwidth graph for all service branches. ISP shall also monitor link status for all service branches and provide alerts via Email, Phone, SMS. |
| 6 | Ticketing System | ISP shall provide a real time trouble ticketing system with details and status of each incident for all service branches. |
| 7 | Backup Hardware | ISP shall maintain stock of backup hardware for replacement of faulty equipment near the service branch. |

4. Pricing Uniformity

Pricing per site in each category should be the same regardless of location. Similarly, National Life shall not bear any One Time Cost, Deposit charges etc other than monthly rental charge.

5. Addition of Service Branches/Bandwidth

National Life reserves the right to procure Data Connectivity or Internet Connectivity services for additional branches as per quoted monthly tariff for each category.

6. DRP and BCP

The ISP should provide details on their company's Disaster Recovery Plan and Business Continuity plan in cases of natural or man-made disasters.

7. Data Security

The ISP should have in place firewalls and other protection mechanisms to protect the data and the client's networks from virus, spam attacks and hacking.

8. Duration

Duration of this agreement shall be of 2 years, from Shrawan 1, 2083 to Ashad End, 2085. If quality of service is satisfactory and the successful bidder agrees to provide 15% discount on all charges or additional 40% bandwidth, agreement can be extended for upto maximum of 2 additional years.

9. Financial proposal & technical proposal for the services shall be separately submitted.
10. Financial proposal shall be submitted for data and internet connectivity separately as per Annex I.
11. Technical proposal shall state among other things following matters.
 - I. Company profile with references of similar past services/experiences
 - II. Availability of total bandwidth with the ISP
 - III. Proof that ISP is the member of NPIX (Nepal Internet Exchange)

- IV. Diagram showing POP presences and connectivity in Kathmandu Valley and other regions of Nepal
- V. Proof for guaranteed CIR up to international gateway
- VI. Proof of provisioning of auto switch-over between ISP's own Primary and redundant link and vice-versa
- VII. Service Level Agreement
- VIII. Copy of Disaster Recovery Plan
- IX. Electronic copy of the technical proposal in CD/DVD/Flash Drive

12. Bidders should submit copies of the following valid legal documents.

- I. Company Registration
- II. VAT registration
- III. Evidence of Latest Tax Clearance
- IV. Valid NSP/ISP license from the Government of Nepal

This document is intended to provide an easy reference of the mandatory documents to be submitted with the technical proposal by the bidders. Please make sure that all of the mentioned documents are included in the technical proposal in the order listed above prior to its submission. Failure to submit any of the documents may disqualify the bidder.

13. All the rights as to whether to accept or reject the bid without assigning any reason therefore are reserved to National Life Insurance Company Limited.

Annex - A

Dedicated Internet Service - 2 Sites

| S.No. | Site | Bandwidth | Remarks |
|-------|-------------------|------------------|-------------------------------------|
| 1 | Head Office | 50 Mbps/ 50 Mbps | Dedicated Internet with 4 Public IP |
| 2 | Nepalgunj DR Site | 50 Mbps/ 50 Mbps | Dedicated Internet with 2 Public IP |

Annex - B

Dual Link Intranet Service - 21 Sites

| S.No. | Branch | Province | Latitude | Longitude | Bandwidth (Upload/Download) |
|-------|--------------|------------|------------|------------|--------------------------------|
| 1 | Banepa | Province 3 | 27.629 | 85.52351 | 50 Mbps/ 50 Mbps |
| 2 | Bhainsepati | Province 3 | 27.6475794 | 85.3048847 | 50 Mbps/ 50 Mbps |
| 3 | Bhaktapur | Province 3 | 27.66602 | 85.42274 | 50 Mbps/ 50 Mbps |
| 4 | Butwal | Province 5 | 27.69657 | 83.4665 | 50 Mbps/ 50 Mbps |
| 5 | Chabahil | Province 3 | 27.7180665 | 85.3480738 | 50 Mbps/ 50 Mbps |
| 6 | Dhangadhi | Province 7 | 28.704634 | 80.570459 | 50 Mbps/ 50 Mbps |
| 7 | Gongabu | Province 3 | 27.73447 | 85.31559 | 50 Mbps/ 50 Mbps |
| 8 | Gwarko | Province 3 | 27.6642699 | 85.3374483 | 50 Mbps/ 50 Mbps |
| 9 | Hetauda | Province 3 | 27.42602 | 85.03256 | 50 Mbps/ 50 Mbps |
| 10 | Jorpati | Province 3 | 27.7214013 | 85.3793662 | 50 Mbps/ 50 Mbps |
| 11 | Kalanki | Province 3 | 27.74066 | 85.33003 | 50 Mbps/ 50 Mbps |
| 12 | Kathmandu | Province 3 | 27.7076972 | 85.3169664 | 50 Mbps/ 50 Mbps |
| 13 | Kirtipur | Province 3 | 27.67507 | 85.2767 | 50 Mbps/ 50 Mbps |
| 14 | Lalitpur | Province 3 | 27.6719822 | 85.3136284 | 50 Mbps/ 50 Mbps |
| 15 | Narayanchaur | Province 3 | 27.71495 | 85.32699 | 50 Mbps/ 50 Mbps |
| 16 | Narayanthan | Province 3 | 27.75198 | 85.34631 | 50 Mbps/ 50 Mbps |
| 17 | Nepalgunj | Province 5 | 28.069361 | 81.6288159 | 50 Mbps/ 50 Mbps |
| 18 | New Road | Province 3 | 27.70338 | 85.31075 | 50 Mbps/ 50 Mbps |
| 19 | Pokhara | Province 4 | 28.21047 | 83.98378 | 50 Mbps/ 50 Mbps |
| 20 | Rajbiraj | Province 2 | 26.53947 | 86.74656 | 50 Mbps/ 50 Mbps |
| 21 | Tinkune | Province 3 | 27.68579 | 85.34491 | 50 Mbps/ 50 Mbps |

Annex - C

Single Link Intranet Service - 97 Sites

| S.No. | Branch | Province | Latitude | Longitude | Bandwidth (Upload/Download) |
|-------|-------------|------------|-------------|-------------|--------------------------------|
| 1 | Achham | Province 7 | 27.72111 | 85.32016 | 20Mbps/20Mbps |
| 2 | Argkhanchi | Province 5 | 27.97129 | 83.12488 | 20Mbps/20Mbps |
| 3 | Attariya | Province 7 | 28.8141227 | 80.553653 | 20Mbps/20Mbps |
| 4 | Baglung | Province 4 | 28.26872 | 83.59848 | 20Mbps/20Mbps |
| 5 | Baitadi | Province 7 | 29.56061 | 80.41857 | 20Mbps/20Mbps |
| 6 | Bajhang | Province 7 | 29.55286 | 81.1991 | 20Mbps/20Mbps |
| 7 | Bajura | Province 7 | 29.45838 | 81.48041 | 20Mbps/20Mbps |
| 8 | Bardaghat | Province 5 | 27.55621 | 83.78721 | 20Mbps/20Mbps |
| 9 | Bardibas | Province 2 | 26.9891498 | 85.8913719 | 20Mbps/20Mbps |
| 10 | Bhairahawa | Province 5 | 27.51009 | 83.45151 | 20Mbps/20Mbps |
| 11 | Bhimad | Province 4 | 27.97891 | 84.08292 | 20Mbps/20Mbps |
| 12 | Bhojpur | Province 1 | 27.16892 | 87.05005 | 20Mbps/20Mbps |
| 13 | Bhurigaon | Province 5 | 28.4516726 | 81.3228855 | 20Mbps/20Mbps |
| 14 | Biratnagar | Province 1 | 26.454331 | 87.277621 | 20Mbps/20Mbps |
| 15 | Birauta | Province 4 | 28.1917163 | 83.9685824 | 20Mbps/20Mbps |
| 16 | Birgunj | Province 2 | 27.01409259 | 84.88093984 | 20Mbps/20Mbps |
| 17 | Birtamod | Province 1 | 26.64251 | 87.98833 | 20Mbps/20Mbps |
| 18 | Chandrauta | Province 5 | 27.6492 | 82.86322 | 20Mbps/20Mbps |
| 19 | Chapur | Province 2 | 27.1189671 | 85.3581114 | 20Mbps/20Mbps |
| 20 | Charikot | Province 3 | 27.65947 | 85.33443 | 20Mbps/20Mbps |
| 21 | Chiplehunga | Province 4 | 28.2245888 | 83.9889757 | 20Mbps/20Mbps |
| 22 | Dadeldhura | Province 7 | 29.30381 | 80.59166 | 20Mbps/20Mbps |
| 23 | Dailekh | Province 6 | 28.85176 | 81.71731 | 20Mbps/20Mbps |
| 24 | Damak | Province 1 | 27.34546 | 84.23456 | 20Mbps/20Mbps |
| 25 | Damauli | Province 4 | 27.9738 | 84.26677 | 20Mbps/20Mbps |
| 26 | Dang | Province 5 | 28.04151 | 82.48432 | 20Mbps/20Mbps |
| 27 | Darchula | Province 7 | 27.46959 | 85.27225 | 20Mbps/20Mbps |
| 28 | Dhading | Province 3 | 27.91212 | 84.88548 | 20Mbps/20Mbps |
| 29 | Dhankuta | Province 1 | 26.97345 | 87.343622 | 20Mbps/20Mbps |
| 30 | Dharan | Province 1 | 26.80636 | 87.29166 | 20Mbps/20Mbps |

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|----|------------|------------|-------------|-------------|---------------|
| 31 | Diktel | Province 1 | 27.21931 | 86.79142 | 20Mbps/20Mbps |
| 32 | Doti | Province 7 | 29.26197 | 80.95394 | 20Mbps/20Mbps |
| 33 | Duhabi | Province 1 | 26.5755306 | 87.2518424 | 20Mbps/20Mbps |
| 34 | Dulegauda | Province 4 | 28.0522899 | 84.0706289 | 20Mbps/20Mbps |
| 35 | East Rukum | Province 5 | 28.6174828 | 82.6189097 | 20Mbps/20Mbps |
| 36 | Fikkal | Province 1 | 26.8956 | 88.06416 | 20Mbps/20Mbps |
| 37 | Gaidakot | Province 4 | 27.687536 | 84.2622032 | 20Mbps/20Mbps |
| 38 | Gaighat | Province 1 | 26.78992 | 86.69895 | 20Mbps/20Mbps |
| 39 | Gajuri | Province 3 | 27.64431 | 84.12688 | 20Mbps/20Mbps |
| 40 | Galkot | Province 4 | 28.2196611 | 83.4214244 | 20Mbps/20Mbps |
| 41 | Gaur | Province 2 | 26.7647989 | 85.2762525 | 20Mbps/20Mbps |
| 42 | Gorkha | Province 4 | 27.99483 | 84.6256 | 20Mbps/20Mbps |
| 43 | Gulariya | Province 5 | 28.20549 | 81.34391 | 20Mbps/20Mbps |
| 44 | Gulmi | Province 5 | 28.06594 | 83.24516 | 20Mbps/20Mbps |
| 45 | Harion | Province 2 | 27.08988 | 85.55149 | 20Mbps/20Mbps |
| 46 | Hemja | Province 4 | 28.2776277 | 83.9369007 | 20Mbps/20Mbps |
| 47 | Humla | Province 6 | 29.96932946 | 81.81799673 | 20Mbps/20Mbps |
| 48 | Ilam | Province 1 | 26.90979 | 87.92808 | 20Mbps/20Mbps |
| 49 | Inaruwa | Province 1 | 26.61516 | 87.15225 | 20Mbps/20Mbps |
| 50 | Itahari | Province 1 | 26.66649 | 87.27479 | 20Mbps/20Mbps |
| 51 | Jajarkot | Province 6 | 28.69819 | 82.19589 | 20Mbps/20Mbps |
| 52 | Jaleswor | Province 2 | 26.6465543 | 85.799021 | 20Mbps/20Mbps |
| 53 | Janakpur | Province 2 | 26.73084 | 85.93144 | 20Mbps/20Mbps |
| 54 | Kakarvitta | Province 1 | 26.6478039 | 88.1562324 | 20Mbps/20Mbps |
| 55 | Kalaiya | Province 2 | 27.0350496 | 85.0023882 | 20Mbps/20Mbps |
| 56 | Katari | Province 1 | 26.961756 | 86.3705307 | 20Mbps/20Mbps |
| 57 | Kawasoti | Province 4 | 27.64431 | 84.12688 | 20Mbps/20Mbps |
| 58 | Khajura | Province 5 | 28.1259411 | 81.5754153 | 20Mbps/20Mbps |
| 59 | Khandbari | Province 1 | 27.37434 | 87.20719 | 20Mbps/20Mbps |
| 60 | Kohalpur | Province 5 | 28.19679 | 81.69057 | 20Mbps/20Mbps |
| 61 | Kushma | Province 4 | 28.2183161 | 83.6816699 | 20Mbps/20Mbps |
| 62 | Lahan | Province 2 | 26.7129 | 86.48145 | 20Mbps/20Mbps |
| 63 | Lamahi | Province 5 | 27.87136 | 82.52064 | 20Mbps/20Mbps |
| 64 | Lamjung | Province 4 | 28.2313 | 84.3775 | 20Mbps/20Mbps |

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|----|---------------|------------|-------------|-------------|---------------|
| 65 | Lekhnath | Province 4 | 28.1587 | 84.04845 | 20Mbps/20Mbps |
| 66 | Mahendranagar | Province 7 | 28.95351 | 80.17634 | 20Mbps/20Mbps |
| 67 | Malangawa | Province 2 | 26.855743 | 85.557388 | 20Mbps/20Mbps |
| 68 | Manigram | Province 5 | 27.6300929 | 83.4731986 | 20Mbps/20Mbps |
| 69 | Myagdi | Province 4 | 28.34498 | 83.56716 | 20Mbps/20Mbps |
| 70 | Narayangadh | Province 3 | 27.69829 | 84.4233402 | 20Mbps/20Mbps |
| 71 | Nawalparasi | Province 5 | 27.69551 | 85.32132 | 20Mbps/20Mbps |
| 72 | Nuwakot | Province 3 | 27.9191323 | 85.1512848 | 20Mbps/20Mbps |
| 73 | Okhaldhunga | Province 1 | 28.08218 | 81.64147 | 20Mbps/20Mbps |
| 74 | Palpa | Province 5 | 27.86894 | 83.54421 | 20Mbps/20Mbps |
| 75 | Panchthar | Province 1 | 27.14606424 | 87.76651232 | 20Mbps/20Mbps |
| 76 | Parsa | Province 3 | 27.61979 | 84.57461 | 20Mbps/20Mbps |
| 77 | Pathari | Province 1 | 26.659901 | 87.559517 | 20Mbps/20Mbps |
| 78 | PepsiCola | Province 3 | 27.6908537 | 85.3651059 | 20Mbps/20Mbps |
| 79 | Pyuthan | Province 5 | 28.099888 | 82.849151 | 20Mbps/20Mbps |
| 80 | Ramechhap | Province 3 | 27.38855 | 86.06315 | 20Mbps/20Mbps |
| 81 | Rampur | Province 5 | 27.8611295 | 83.8950897 | 20Mbps/20Mbps |
| 82 | Rolpa | Province 5 | 27.46959 | 85.27225 | 20Mbps/20Mbps |
| 83 | Rukum | Province 6 | 28.6307551 | 82.4556639 | 20Mbps/20Mbps |
| 84 | Salyan | Province 6 | 28.37695 | 82.14959 | 20Mbps/20Mbps |
| 85 | Shyangja | Province 4 | 27.71517 | 85.50482 | 20Mbps/20Mbps |
| 86 | Simara | Province 2 | 27.1646367 | 84.9753824 | 20Mbps/20Mbps |
| 87 | Sindhuli | Province 3 | 27.20697 | 85.91111 | 20Mbps/20Mbps |
| 88 | Sukhad Bazaar | Province 7 | 28.67426 | 80.96173 | 20Mbps/20Mbps |
| 89 | Surkhet | Province 6 | 28.59539 | 81.60931 | 20Mbps/20Mbps |
| 90 | Taplejung | Province 1 | 27.357826 | 87.6718 | 20Mbps/20Mbps |
| 91 | Taulihawa | Province 5 | 27.5454716 | 83.0549977 | 20Mbps/20Mbps |
| 92 | Tehrathum | Province 1 | 28.12805 | 85.35736 | 20Mbps/20Mbps |
| 93 | Tharmare | Province 6 | 28.4514713 | 82.2849977 | 20Mbps/20Mbps |
| 94 | Tikapur | Province 7 | 28.53307 | 81.10856 | 20Mbps/20Mbps |
| 95 | Tulsipur | Province 5 | 28.1329065 | 82.2970833 | 20Mbps/20Mbps |
| 96 | Urlawari | Province 1 | 26.66078 | 87.6375 | 20Mbps/20Mbps |
| 97 | Waling | Province 4 | 27.98415 | 83.76223 | 20Mbps/20Mbps |

Annex - D

Managed WIFI - 67 sites

| S.No. | Managed Wifi Branch | Province | Latitude | Longitude | Bandwidth |
|-------|---------------------|------------|------------|------------|---------------|
| 1 | Achham | Province 7 | 27.72111 | 85.32016 | 20Mbps/20Mbps |
| 2 | Arghakhanchi | Province 5 | 27.97129 | 83.12488 | 20Mbps/20Mbps |
| 3 | Attariya | Province 7 | 28.8141227 | 80.553653 | 20Mbps/20Mbps |
| 4 | Banepa | Province 3 | 27.629 | 85.52351 | 20Mbps/20Mbps |
| 5 | Bardaghat | Province 5 | 27.55621 | 83.78721 | 20Mbps/20Mbps |
| 6 | Bardibas | Province 2 | 26.9891498 | 85.8913719 | 20Mbps/20Mbps |
| 7 | Bhainsepati | Province 3 | 27.6475794 | 85.3048847 | 20Mbps/20Mbps |
| 8 | Bhairahawa | Province 5 | 27.51009 | 83.45151 | 20Mbps/20Mbps |
| 9 | Bhaktapur | Province 3 | 27.66602 | 85.42274 | 20Mbps/20Mbps |
| 10 | Biratnagar | Province 1 | 26.454331 | 87.277621 | 20Mbps/20Mbps |
| 11 | Birauta | Province 4 | 28.1917163 | 83.9685824 | 20Mbps/20Mbps |
| 12 | Birtamod | Province 1 | 26.64251 | 87.98833 | 20Mbps/20Mbps |
| 13 | Butwal | Province 5 | 27.69657 | 83.4665 | 20Mbps/20Mbps |
| 14 | Chabahil | Province 3 | 27.7180665 | 85.3480738 | 20Mbps/20Mbps |
| 15 | ChipleDhunga | Province 4 | 28.2245888 | 83.9889757 | 20Mbps/20Mbps |
| 16 | Damak | Province 1 | 27.34546 | 84.23456 | 20Mbps/20Mbps |
| 17 | Damauli | Province 4 | 27.9738 | 84.26677 | 20Mbps/20Mbps |
| 18 | Dang | Province 5 | 28.04151 | 82.48432 | 20Mbps/20Mbps |
| 19 | Dhangadhi | Province 7 | 28.704634 | 80.570459 | 20Mbps/20Mbps |
| 20 | Dharan | Province 1 | 26.80636 | 87.29166 | 20Mbps/20Mbps |
| 21 | DuleGauda | Province 4 | 28.0522899 | 84.0706289 | 20Mbps/20Mbps |
| 22 | Gaighat | Province 1 | 26.78992 | 86.69895 | 20Mbps/20Mbps |
| 23 | Gajuri | Province 3 | 27.64431 | 84.12688 | 20Mbps/20Mbps |
| 24 | Gongabu | Province 3 | 27.73447 | 85.31559 | 20Mbps/20Mbps |
| 25 | Gulmi | Province 5 | 28.06594 | 83.24516 | 20Mbps/20Mbps |
| 26 | Gwarko | Province 3 | 27.6642699 | 85.3374483 | 20Mbps/20Mbps |
| 27 | Hemja | Province 4 | 28.2776277 | 83.9369007 | 20Mbps/20Mbps |
| 28 | Hetauda | Province 3 | 27.42602 | 85.03256 | 20Mbps/20Mbps |
| 29 | Inaruwa | Province 1 | 26.61516 | 87.15225 | 20Mbps/20Mbps |
| 30 | Itahari | Province 1 | 26.66649 | 87.27479 | 20Mbps/20Mbps |
| 31 | Janakpur | Province 2 | 26.73084 | 85.93144 | 20Mbps/20Mbps |
| 32 | Jorpati | Province 3 | 27.7214013 | 85.3793662 | 20Mbps/20Mbps |
| 33 | Kalैया | Province 2 | 27.0350496 | 85.0023882 | 20Mbps/20Mbps |
| 34 | Kalanki | Province 3 | 27.74066 | 85.33003 | 20Mbps/20Mbps |
| 35 | Katari | Province 1 | 26.961756 | 86.3705307 | 20Mbps/20Mbps |

| | | | | | |
|----|---------------|------------|------------|------------|---------------|
| 36 | Kathmandu | Province 3 | 27.7076972 | 85.3169664 | 20Mbps/20Mbps |
| 37 | Khajura | Province 5 | 28.1259411 | 81.5754153 | 20Mbps/20Mbps |
| 38 | Kirtipur | Province 3 | 27.67507 | 85.2767 | 20Mbps/20Mbps |
| 39 | Kohalpur | Province 5 | 28.19679 | 81.69057 | 20Mbps/20Mbps |
| 40 | Lalitpur | Province 3 | 27.6719822 | 85.3136284 | 20Mbps/20Mbps |
| 41 | Lamahi | Province 5 | 27.87136 | 82.52064 | 20Mbps/20Mbps |
| 42 | MahendraNagar | Province 7 | 28.95351 | 80.17634 | 20Mbps/20Mbps |
| 43 | Manigram | Province 5 | 27.6300929 | 83.4731986 | 20Mbps/20Mbps |
| 44 | NarayanChaur | Province 3 | 27.71495 | 85.32699 | 20Mbps/20Mbps |
| 45 | Narayangadh | Province 3 | 27.69829 | 84.4233402 | 20Mbps/20Mbps |
| 46 | Narayanthan | Province 3 | 27.75198 | 85.34631 | 20Mbps/20Mbps |
| 47 | Nawalparasi | Province 5 | 27.69551 | 85.32132 | 20Mbps/20Mbps |
| 48 | Nepalgunj | Province 5 | 28.069361 | 81.6288159 | 20Mbps/20Mbps |
| 49 | New Road | Province 3 | 27.70338 | 85.31075 | 20Mbps/20Mbps |
| 50 | Nuwakot | Province 3 | 27.9191323 | 85.1512848 | 20Mbps/20Mbps |
| 51 | Palpa | Province 5 | 27.86894 | 83.54421 | 20Mbps/20Mbps |
| 52 | Parsa | Province 3 | 27.61979 | 84.57461 | 20Mbps/20Mbps |
| 53 | Pathari | Province 1 | 26.659901 | 87.559517 | 20Mbps/20Mbps |
| 54 | PepsiCola | Province 3 | 27.6908537 | 85.3651059 | 20Mbps/20Mbps |
| 55 | Pokhara | Province 4 | 28.21047 | 83.98378 | 20Mbps/20Mbps |
| 56 | Pyuthan | Province 5 | 28.099888 | 82.849151 | 20Mbps/20Mbps |
| 57 | Rajbiraj | Province 2 | 26.53947 | 86.74656 | 20Mbps/20Mbps |
| 58 | Rampur | Province 5 | 27.86112 | 83.89504 | 20Mbps/20Mbps |
| 59 | Rolpa | Province 5 | 27.46959 | 85.27225 | 20Mbps/20Mbps |
| 60 | Rukum | Province 6 | 28.6307551 | 82.4556639 | 20Mbps/20Mbps |
| 61 | Salyan | Province 6 | 28.37695 | 82.14959 | 20Mbps/20Mbps |
| 62 | Sindhuli | Province 3 | 27.20697 | 85.91111 | 20Mbps/20Mbps |
| 63 | Surkhet | Province 6 | 28.59539 | 81.60931 | 20Mbps/20Mbps |
| 64 | Tinkune | Province 3 | 27.68579 | 85.34491 | 20Mbps/20Mbps |
| 65 | Tulsipur | Province 5 | 27.72111 | 85.32016 | 20Mbps/20Mbps |
| 66 | Urlawari | Province 1 | 26.66078 | 87.6375 | 20Mbps/20Mbps |
| 67 | Waling | Province 4 | 27.98415 | 83.76223 | 20Mbps/20Mbps |