**Scope of Work for**: PROVISION AND SUPPORT OF WAN SERVICES SUCH AS METRO ETHERNET, VSAT, WIRELESS AND LEASED LINES

Period Required: 3 Years

**Background**:

* Eskom Group IT is operating a MPLS network with 10 point of presence (POP) sites and approximately 600 remote access sites, dispersed regionally across South Africa.
* The services on this MPLS Network are currently provided in-house by Eskom network staff. Eskom however depends on various Telecommunications service providers to provide connectivity to these sites on various mediums, e.g. Metro Ethernet, Leased lines, VSAT and Wireless.

 When responding, to the scope below, please take note of the special conditions:

1. Eskom reserves the right to award specific circuits to disparate vendors to ensure redundancy at a telco level on the Eskom network.
2. All Tenderers are required to conduct a feasibility study at the Tenderers own expense.
3. The vendor must quote on all circuits and is allowed to make use of off-net providers to supplement their network coverage. Any additional cost will be for the vendors account.
4. The outcome of the RFP shall result in the award of a single contract being awarded to a single Supplier.

The following services are required – Eskom wide:

* Telco data lines connectivity – Eskom will provide designated sites coordinates
* Wireless (data line) connectivity - Eskom will provide designated sites coordinates
* VSAT connections (for remote Eskom offices where none of the Telco’s can provide connectivity infrastructure)
* Provisioning of connectivity lines for an “as and when” basis for ad hoc new Eskom offices due to expansion
* Possible upgrades of scope below due to growing Eskom business requirements.

The following Service Level Agreement requirements (SLA) conditions will apply:

* Incumbents must have a 24x7 helpdesk to log incidents
* An hour response time for incidents logged
* 99.9% Availability for WAN services
* 4 hours MTTR on WAN Services

The detailed scope of work is as follows:

Table 1: Telco Links

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  | **Site A** | **Site B** |
| **No.** | **Interface** | **Speed** | **B-Side** | **GPS: Deg, Min, Sec** | **GPS: Decimal Deg.** | **A Side** | **GPS: Deg, Min, Sec** | **GPS: Decimal Deg.** |
| 1 | Ethernet | 2Mbps | Site 1 | 26° 2'13.98"S 28° 5'4.50"E | -26.037217° 28.084583° | Site 1 | 26°19'17.57"S 28° 7'50.53"E | -26.321547° 28.130702° |
| 2 | Ethernet | 2Mbps | Site 2 | 29° 6'41.17"S 26°12'18.48"E | -29.111436° 26.205133° | Site 2 | 29° 6'40.12"S 26°14'3.80"E | -29.111144° 26.234390° |
| 3 | Ethernet | 2Mbps | Site 3 | 29° 6'41.17"S 26°12'18.48"E | -29.111436° 26.205133° | Site 3 | 28°56'12.80"S 26°19'57.10"E | -28.93689,26.33253 |
| 4 | Ethernet | 2Mbps | Site 4 | 29° 6'41.17"S 26°12'18.48"E | -29.111436° 26.205133° | Site 4 | 28°17'30.78"S 26° 9'7.68"E | -28.291883,26.152132  |
| 5 | Ethernet | 2Mbps | Site 5 | 33°54'7.00"S 18°37'54.00"E | -33.901944° 18.631667° | Site 5 | 31°28'19.34"S 19°46'14.17"E | -31.472039° 19.770603° |
| 6 | Ethernet | 2Mbps | Site 6 | 23°54'51.92"S 29°27'22.49"E | -23.914422° 29.456247° | Site 6 | 23°21'47.88"S 29°19'17.16"E | -23.363300° 29.321433° |
| 7 | Ethernet | 2Mbps | Site 7 | 33°54'7.00"S 18°37'54.00"E | -33.901944° 18.631667° | Site 7 | 33°29'25.42"S 19°36'40.37"E | -33.490394° 19.611214° |
| 8 | Ethernet | 2Mbps | Site 8 | 23°54'51.92"S 29°27'22.49"E | -23.914422° 29.456247° | Site 8 | 23°41'50.10"S 30° 8'18.30"E | -23.697250° 30.138417° |
| 9 | Ethernet | 2Mbps | Site 9 | 29° 6'41.17"S 26°12'18.48"E | -29.111436° 26.205133° | Site 9 | 27°16'20.78"S 28°30'59.62"E | -27.27244,28.51656 |
| 10 | Ethernet | 2Mbps | Site 10 | 23°54'51.92"S 29°27'22.49"E | -23.914422° 29.456247° | Site 10 | 23°18'25.10"S 30°41'11.00"E | -23.306972° 30.686389° |
| 11 | Ethernet | 2Mbps | Site 11 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 11 | 29° 4'44.40"S 30°35'58.78"E | -29.079000° 30.599660° |
| 12 | Ethernet | 2Mbps | Site 12 | 23°54'51.92"S 29°27'22.49"E | -23.914422° 29.456247° | Site 12 | 24° 30.200'S 30° 53.817'E | -24.503333° 30.896950° |
| 13 | Ethernet | 2Mbps | Site 13 | 29° 6'41.17"S 26°12'18.48"E | -29.111436° 26.205133° | Site 13 | 27°50'6.38"S 25°55'4.74"E | -27.835106,25.917983 |
| 14 | Ethernet | 2Mbps | Site 14 | 23°54'51.92"S 29°27'22.49"E | -23.914422° 29.456247° | Site 14 | 24°45'16.84"S 29°51'21.42"E | -24.754678° 29.855950° |
| 15 | Ethernet | 2Mbps | Site 15 | 29° 6'41.17"S 26°12'18.48"E | -29.111436° 26.205133° | Site 15 | 29°11'0.82"S 27°27'50.86"E | -29.183562° 27.464127° |
| 16 | Ethernet | 2Mbps | Site 16 | 23°54'51.92"S 29°27'22.49"E | -23.914422° 29.456247° | Site 16 | 23° 2'19.23"S 29°54'24.70"E | -23.038675° 29.906861° |
| 17 | Ethernet | 2Mbps | Site 17 | 23°54'51.92"S 29°27'22.49"E | -23.914422° 29.456247° | Site 17 | 22°54'5.24"S 30° 2'7.62"E | -22.901456,30.035451 |
| 18 | Ethernet | 2Mbps | Site 18 | 23°54'51.92"S 29°27'22.49"E | -23.914422° 29.456247° | Site 18 | 22°44'12.72"S 30°31'22.92"E | -22.736867° 30.523033° |
| 19 | Ethernet | 2Mbps | Site 19 | 26°13'36.42"S 28° 9'35.22"E | -26.226783° 28.159783° | Site 19 | 26°58'31.69"S 26°39'17.39"E | -26.975470, 26.654830 |
| 20 | Ethernet | 2Mbps | Site 20 | 29° 6'41.17"S 26°12'18.48"E | -29.111436° 26.205133° | Site 20 | 30° 4'35.88"S 24°39'33.48"E | -30.076633° 24.659300° |
| 21 | Ethernet | 2Mbps | Site 21 | 23°54'51.92"S 29°27'22.49"E | -23.914422° 29.456247° | Site 21 | 23°24'42.42"S 30° 9'37.90"E | -23.411784° 30.160527° |
| 22 | Ethernet | 2Mbps | Site 22 | 29° 6'41.17"S 26°12'18.48"E | -29.111436° 26.205133° | Site 22 | 27°25'55.88"S 29° 9'5.18"E | -27.43219,29.15144 |
| 23 | Ethernet | 2Mbps | Site 23 | 29° 6'41.17"S 26°12'18.48"E | -29.111436° 26.205133° | Site 23 |  27°59'18.57"S 26°46'44.54"E | -27.988491, 26.779039 |
| 24 | Ethernet | 2Mbps | Site 24 | 29° 6'41.17"S 26°12'18.48"E | -29.111436° 26.205133° | Site 24 | 28°40'32.09"S 25°45'56.99"E | -28.67558,25.76583 |
| 25 | Ethernet | 2Mbps | Site 25 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 25 | 28°44'42.8"S 31°53'35.2"E | -28.745222° 31.893111° |
| 26 | Ethernet | 2Mbps | Site 26 | 23°54'51.92"S 29°27'22.49"E | -23.914422° 29.456247° | Site 26 | 22°59'53.28"S 30°41'36.78"E | -22.998133° 30.693550° |
| 27 | Ethernet | 2Mbps | Site 27 | 29° 6'41.17"S 26°12'18.48"E | -29.111436° 26.205133° | Site 27 | 29° 6'35.88"S 25°24'49.86"E | -29.109967° 25.413850° |
| 28 | Ethernet | 2Mbps | Site 28 | 29° 6'41.17"S 26°12'18.48"E | -29.111436° 26.205133° | Site 28 | 27°56'20.90"S 26°49'19.99"E | -27.93914,26.82222 |
| 29 | Ethernet | 2Mbps | Site 29 | 29° 6'41.17"S 26°12'18.48"E | -29.111436° 26.205133° | Site 29 | 27°58'50.56"S 26°44'24.68"E | -27.98071, 26.74019 |
| 30 | Ethernet | 2Mbps | Site 30 | 29° 6'41.17"S 26°12'18.48"E | -29.111436° 26.205133° | Site 30 | 28°32'34.22"S 25°14'11.90"E | -28.54284,25.23664 |
| 31 | Ethernet | 2Mbps | Site 31 | 29° 6'41.17"S 26°12'18.48"E | -29.111436° 26.205133° | Site 31 | 29° 7'44.72"S 24°46'37.16"E | -29.12909,24.77699 |
| 32 | Ethernet | 2Mbps | Site 32 | 26°13'36.42"S 28° 9'35.22"E | -26.226783° 28.159783° | Site 32 | 25°29'59.20"S 25°59'19.04"E | -25.499777° 25.988621° |
| 33 | Ethernet | 2Mbps | Site 33 | 26°13'36.42"S 28° 9'35.22"E | -26.226783° 28.159783° | Site 33 | 25°50'18.1"S 25°38'00.3"E | -25.838361° 25.633417° |
| 34 | Ethernet | 2Mbps | Site 34 | 26° 2'13.98"S 28° 5'4.50"E | -26.037217° 28.084583° | Site 34 | 26° 6'7.13"S 23°46'34.23"E | -26.101981° 23.776175° |
| 35 | Ethernet | 2Mbps | Site 35 | 29° 6'41.17"S 26°12'18.48"E | -29.111436° 26.205133° | Site 35 | 28°41'46.08"S 26°28'53.12"E | -28.696133° 26.481422° |
| 36 | Ethernet | 2Mbps | Site 36 | 33°54'7.00"S 18°37'54.00"E | -33.901944° 18.631667° | Site 36 | 29°38'2.07"S 17°53'8.21"E | -29.633908° 17.885614° |
| 37 | Ethernet | 2Mbps | Site 37 | 29° 6'41.17"S 26°12'18.48"E | -29.111436° 26.205133° | Site 37 | 29°44'8.30"S 25°56'28.60"E  | -29.735639° 25.941278° |
| 38 | Ethernet | 2Mbps | Site 38 | 23°54'51.92"S 29°27'22.49"E | -23.914422° 29.456247° | Site 38 | 22°40' 54.7"S 29°06' 03.6"E | -22.681861° 29.101000° |
| 39 | Ethernet | 2Mbps | Site 39 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 39 | 28°10'34.21"S 30° 8'58.96"E | -28.177311° 30.149282° |
| 40 | Ethernet | 2Mbps | Site 40 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 40 | 29°31'37.09"S 30°14'40.99"E | -29.526970° 30.244720° |
| 41 | Ethernet | 2Mbps | Site 41 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 41 | 27°24'56.02"S 30°49'2.41"E | -27.406750° 30.826389° |
| 42 | Ethernet | 2Mbps | Site 42 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 42 | 28°45'30.20"S 32° 1'32.20"E | -28.758389° 32.025611° |
| 43 | Ethernet | 2Mbps | Site 43 | 23°54'51.92"S 29°27'22.49"E | -23.914422° 29.456247° | Site 43 | 22°53'55.14"S 30°11'31.02"E | -22.898650° 30.191950° |
| 44 | Ethernet | 2Mbps | Site 44 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 44 | 29°20'43.69"S 31°17'25.37"E | -29.345471° 31.290379° |
| 45 | Ethernet | 2Mbps | Site 45 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 45 | 29°47'12.21"S 29°29'53.30"E | -29.786725° 29.498139° |
| 46 | Ethernet | 2Mbps | Site 46 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 46 | 27°46'18.60"S 30°50'24.40"E | -27.771833° 30.840111° |
| 47 | Ethernet | 2Mbps | Site 47 | 29° 6'41.17"S 26°12'18.48"E | -29.111436° 26.205133° | Site 47 | 29°10'39.76"S 26°13'15.53"E | -29.17771,26.22098 |
| 48 | Ethernet | 2Mbps | Site 48 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 48 | 28°43'26.00"S 29°20'55.28"E | -28.723889° 29.348689° |
| 49 | Ethernet | 2Mbps | Site 49 | 33°54'7.00"S 18°37'54.00"E | -33.901944° 18.631667° | Site 49 | 33°21'51.77"S 19°18'38.01"E | -33.364381° 19.310558° |
| 50 | Ethernet | 2Mbps | Site 50 | 26° 2'13.98"S 28° 5'4.50"E | -26.037217° 28.084583° | Site 50 | 26° 8'59.20"S 28°40'44.40"E | -26.149778° 28.679000° |
| 51 | Ethernet | 2Mbps | Site 51 | 26° 2'13.98"S 28° 5'4.50"E | -26.037217° 28.084583° | Site 51 | 26°15'29.75"S 27°55'55.10"E | -26.258264° 27.931972° |
| 52 | Ethernet | 2Mbps | Site 52 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 52 | 28°10'5.60"S 30°15'3.26"E | -28.168220° 30.250921° |
| 53 | Ethernet | 2Mbps | Site 53 | 26° 2'13.98"S 28° 5'4.50"E | -26.037217° 28.084583° | Site 53 | 26° 9'12.26"S 28°25'7.14"E | -26.153405° 28.418650° |
| 54 | Ethernet | 2Mbps | Site 54 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 54 | 29°00'32.1"S 29°52'06.0"E | -29.008917° 29.868333° |
| 55 | Ethernet | 2Mbps | Site 55 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 55 | 28°52'36.4"S 31°28'41.4"E | -28.87677 31.47816 |
| 56 | Ethernet | 2Mbps | Site 56 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 56 | 28°01'28.1"S 32°16'30.1"E  | -28.024472° 32.275028° |
| 57 | Ethernet | 2Mbps | Site 57 | 25°53'14.91"S 29°13'2.98"E | -25.887475° 29.217494° | Site 57 | 25°02'36.9"S 31°07'54.6"E | -25.043574, 31.131821 |
| 58 | Ethernet | 2Mbps | Site 58 | 29° 6'41.17"S 26°12'18.48"E | -29.111436° 26.205133° | Site 58 | 27°55'48.98"S 24°49'49.76"E | -27.930272° 24.830489° |
| 59 | Ethernet | 2Mbps | Site 59 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 59 | 30°56'41.8"S 30°17'05.3"E | -30.945111° 30.285336° |
| 60 | Ethernet | 2Mbps | Site 60 | 33°54'7.00"S 18°37'54.00"E | -33.901944° 18.631667° | Site 60 | 33°46'45.44"S 20° 7'53.90"E | -33.779289° 20.131639° |
| 61 | Ethernet | 2Mbps | Site 61 | 26° 2'13.98"S 28° 5'4.50"E | -26.037217° 28.084583° | Site 61 | 26°25'19.99"S 28°28'10.11"E | -26.422219° 28.469475° |
| 62 | Ethernet | 2Mbps | Site 62 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 62 | 27°22'22.7"S 31°36'55.3"E  | -27.372972° 31.615361° |
| 63 | Ethernet | 2Mbps | Site 63 | 26° 2'13.98"S 28° 5'4.50"E | -26.037217° 28.084583° | Site 63 | 26°42'24.71"S 27°51'24.03"E | -26.7067618 27.8563642 |
| 64 | Ethernet | 2Mbps | Site 64 | 25°53'14.91"S 29°13'2.98"E | -25.887475° 29.217494° | Site 64 | 27°22'32.0"S 29°52'45.8"E | -27.375556° 29.879389° |
| 65 | Ethernet | 2Mbps | Site 65 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 65 | 27°46'13.7"S 30°48'20.9"E  | -27.770472° 30.805806° |
| 66 | Ethernet | 2Mbps | Site 66 | 26° 2'13.98"S 28° 5'4.50"E | -26.037217° 28.084583° | Site 66 | 26°18'46.60"S 28°25'55.30"E | -26.312944° 28.432028° |
| 67 | Ethernet | 2Mbps | Site 67 | 23°54'51.92"S 29°27'22.49"E | -23.914422° 29.456247° | Site 67 | 24°52'58.77"S 28°17'25.75"E | -24.882992° 28.290486° |
| 68 | Ethernet | 2Mbps | Site 68 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 68 |  29°26'8.11"S 30°34'50.00"E | -29.435586° 30.580556° |
| 69 | Ethernet | 2Mbps | Site 69 | 26° 2'13.98"S 28° 5'4.50"E | -26.037217° 28.084583° | Site 69 |  26°14'28.26"S 27°50'49.39"E | -26.241183° 27.847050° |
| 70 | Ethernet | 2Mbps | Site 70 | 23°54'51.92"S 29°27'22.49"E | -23.914422° 29.456247° | Site 70 | 24°27'10.00"S 29°44'10.00"E | -24.452778° 29.736111° |
| 71 | Ethernet | 2Mbps | Site 71 | 26° 2'13.98"S 28° 5'4.50"E | -26.037217° 28.084583° | Site 71 | 26° 1'58.49"S 28° 4'58.60"E | -26.032914° 28.082944° |
| 72 | Ethernet | 2Mbps | Site 72 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 72 | 30°09'11.5"S 30°03'29.6"E  | -30.153194° 30.058222° |
| 73 | Ethernet | 2Mbps | Site 73 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 73 | 27°25'28.49"S 32° 3'51.44"E | -27.424581° 32.064289° |
| 74 | Ethernet | 2Mbps | Site 74 | 26° 2'13.98"S 28° 5'4.50"E | -26.037217° 28.084583° | Site 74 | 26°15'15.18"S 27°54'21.49"E | -26.254218° 27.905970° |
| 75 | Ethernet | 2Mbps | Site 75 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 75 | 28°58'22.00"S 30°51'31.00"E | -28.972778° 30.858611° |
| 76 | Ethernet | 2Mbps | Site 76 | 25°53'14.91"S 29°13'2.98"E | -25.887475° 29.217494° | Site 76 | 26°15'7.35"S 29°15'40.94"E | -26.252042° 29.261372° |
| 77 | Ethernet | 2Mbps | Site 77 | 26° 2'13.98"S 28° 5'4.50"E | -26.037217° 28.084583° | Site 77 | 26°17'22.07"S 27°51'4.15"E | -26.289465° 27.851153° |
| 78 | Ethernet | 2Mbps | Site 78 | 23°54'51.92"S 29°27'22.49"E | -23.914422° 29.456247° | Site 78 | 22°45'46.65"S 30°30'19.66"E | -22.762958° 30.505461° |
| 79 | Ethernet | 2Mbps | Site 79 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 79 | 27°55'59.46"S 31°39'1.50"E | -27.933183° 31.650417° |
| 80 | Ethernet | 2Mbps | Site 80 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 80 | 28°12'27.90"S 30°40'43.92"E | -28.207750° 30.678867° |
| 81 | Ethernet | 2Mbps | Site 81 | 26° 2'13.98"S 28° 5'4.50"E | -26.037217° 28.084583° | Site 81 | 26° 4'16.97"S 28°11'23.38"E | -26.071381° 28.189828° |
| 82 | Ethernet | 2Mbps | Site 82 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 82 | 29°21'30.28"S 29°59'40.38"E | -29.35841° 29.99455 |
| 83 | Ethernet | 2Mbps | Site 83 | 26° 2'13.98"S 28° 5'4.50"E | -26.037217° 28.084583° | Site 83 | 26°57'36.66"S 24°45'56.64"E | -26.960183° 24.765733° |
| 84 | Ethernet | 2Mbps | Site 84 | 26° 2'13.98"S 28° 5'4.50"E | -26.037217° 28.084583° | Site 84 | 26°46'24.84"S 27°50'31.20"E | -26.773567° 27.842000° |
| 85 | Ethernet | 2Mbps | Site 85 | 29° 6'41.17"S 26°12'18.48"E | -29.111436° 26.205133° | Site 85 | 30°17'37.00"S 27° 5'8.25"E | -30.293612, 27.085625 |
| 86 | Ethernet | 2Mbps | Site 86 | 23°54'51.92"S 29°27'22.49"E | -23.914422° 29.456247° | Site 86 | 23°53'8.50"S 30°16'36.10"E | -23.885694° 30.276694° |
| 87 | Ethernet | 2Mbps | Site 87 | 23°54'51.92"S 29°27'22.49"E | -23.914422° 29.456247° | Site 87 | 23°52'26.29"S 29°26'9.35"E | -23.873969° 29.435931° |
| 88 | Ethernet | 2Mbps | Site 88 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 88 | 29°59'14.6"S 30°56'15.3"E  | -29.987236° 30.937559° |
| 89 | Ethernet | 2Mbps | Site 89 | 33°54'7.00"S 18°37'54.00"E | -33.901944° 18.631667° | Site 89 | 34° 4'57.91"S 18°51'2.52"E | -34.082753° 18.850700° |
| 90 | Ethernet | 2Mbps | Site 90 | 25°53'14.91"S 29°13'2.98"E | -25.887475° 29.217494° | Site 90 | 26°55'39.2"S 29°14'15.1"E | -26.927556° 29.237528° |
| 91 | Ethernet | 2Mbps | Site 91 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 91 | 29°31'37.09"S 30°14'40.99"E | -29.526970° 30.244720° |
| 92 | Ethernet | 2Mbps | Site 92 | 26° 2'13.98"S 28° 5'4.50"E | -26.037217° 28.084583° | Site 92 | 26°39’39”S 28°35’16”E | -26.660819 28.587120 |
| 93 | Ethernet | 2Mbps | Site 93 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 93 | 28°34'22.4"S 31°24'13.3"E | -28.572889° 31.403694° |
| 94 | Ethernet | 2Mbps | Site 94 | 33°54'7.00"S 18°37'54.00"E | -33.901944° 18.631667° | Site 94 | 33°35'30.18"S 22°12'17.22"E | -33.591717° 22.204783° |
| 95 | Ethernet | 2Mbps | Site 95 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 95 | 27°45'38.54"S 29°56'9.89"E | -27.760706° 29.936081° |
| 96 | Ethernet | 2Mbps | Site 96 | 25°53'14.91"S 29°13'2.98"E | -25.887475° 29.217494° | Site 96 | 26°27'25.4"S 29°27'40.8"E | -26.457056° 29.461333° |
| 97 | Ethernet | 2Mbps | Site 97 | 29° 6'41.17"S 26°12'18.48"E | -29.111436° 26.205133° | Site 97 | 27°59'2.90"S 26°46'46.31"E | -27.98414,26.77953 |
| 98 | Ethernet | 2Mbps | Site 98 | 26°13'36.42"S 28° 9'35.22"E | -26.226783° 28.159783° | Site 98 | 26°21'31.43"S 27°23'59.37"E | -26.358731° 27.399825° |
| 99 | Ethernet | 2Mbps | Site 99 | 25°53'14.91"S 29°13'2.98"E | -25.887475° 29.217494° | Site 99 | 27°22'05.2"S 29°51'48.7"E | -27.368111° 29.863528° |
| 100 | Ethernet | 2Mbps | Site 100 | 32°57'11.68"S 27°56'4.26"E | -32.953244° 27.934517° | Site 100 | 31°21'17.59"S 29°34'5.62"E | -31.354886° 29.568228° |
| 101 | Ethernet | 2Mbps | Site 101 | 32°57'11.68"S 27°56'4.26"E | -32.953244° 27.934517° | Site 101 | 31°57'41.76"S 28°40'30.65"E | -31.961600° 28.675181° |
| 102 | Ethernet | 2Mbps | Site 102 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 102 | 30°48'04.4"S 29°21'49.2"E  | -30.801222° 29.363667° |
| 103 | Ethernet | 2Mbps | Site 103 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 103 | 30°20'56.3"S 28°49'32.1"E | -30.348972° 28.825583° |
| 104 | Ethernet | 2Mbps | Site 104 | 23°54'51.92"S 29°27'22.49"E | -23.914422° 29.456247° | Site 104 | 23°35'7.80"S 30° 6'4.70"E | -23.585500° 30.101306° |
| 105 | Ethernet | 2Mbps | Site 105 | 32°57'11.68"S 27°56'4.26"E | -32.953244° 27.934517° | Site 105 | 33°23'33.19"S 25°26'43.23"E | -33.392553° 25.445342° |
| 106 | Ethernet | 2Mbps | Site 106 | 29°39'5.00"S 30°25'11.00"E | -29.651389° 30.419722° | Site 106 | 28°32'38.9"S 29°48'57.8"E | -28.544139° 29.816056° |
| 107 | Ethernet | 2Mbps | Site 107 | 32°57'11.68"S 27°56'4.26"E | -32.953244° 27.934517° | Site 107 | 32°15'34.48"S 24°32'34.22"E | -32.259578° 24.542839° |
| 108 | Ethernet | 2Mbps | Site 108 | 32°57'11.68"S 27°56'4.26"E | -32.953244° 27.934517° | Site 108 | 31°49'42.60"S 28°45'31.35"E | -31.828057° 28.758669° |
| 109 | Ethernet | 2Mbps | Site 109 | 32°57'11.68"S 27°56'4.26"E | -32.953244° 27.934517° | Site 109 | 32°52'38.56"S 27°23'34.70"E | -32.877378° 27.392972° |
| 110 | Ethernet | 2Mbps | Site 110 | 26° 2'13.98"S 28° 5'4.50"E | -26.037217° 28.084583° | Site 110 | 26°25'26.33"S  27°18'22.46"E | -26.423981° 27.306239° |
| 111 | Ethernet | 2Mbps | Site 111 | 23°54'51.92"S 29°27'22.49"E | -23.914422° 29.456247° | Site 111 | 24°44'17.60"S 29°47'33.60"E | -24.738222° 29.792667° |
| 112 | Ethernet | 2Mbps | Site 112 | 29° 6'41.17"S 26°12'18.48"E | -29.111436° 26.205133° | Site 112 | 30°42'59.90"S,25°7'40.28"E | -30.716639° 25.127856° |
| 113 | Ethernet | 2Mbps | Site 113 | 23°54'51.92"S 29°27'22.49"E | -23.914422° 29.456247° | Site 113 | 23°34'48.54"S 28° 4'56.86"E | -23.580150° 28.082461° |
| 114 | Ethernet | 2Mbps | Site 114 | 25°53'14.91"S 29°13'2.98"E | -25.887475° 29.217494° | Site 114 | 24°39'8.94"S 30°21'10.10"E | -24.652483° 30.352806° |
| 115 | Ethernet | 10Mbps | Site 115 | 26° 2'13.98"S 28° 5'4.50"E | -26.037217° 28.084583° | Site 115 | 26° 6'23.76"S 28°22'28.79"E | -26.106599° 28.374663° |