Effective Date: 19 June 2020

Name of Service: Singtel MetroEthernet, Meg@POP, Gigawave and Dark Fibre Services.

For additional details, refer to www.singtel.com.

Description: Customised MetroEthernet, Meg@POP, Gigawave and Dark Fibre

Scheme (Customised Scheme)

Prices (including discounts):

a) Standard MetroEthernet Point-to-Point (PTP)

Bandwidth	Monthly Recurring Charge	One-Time Charge (OTC)
Danuwium	(MRC) (\$ per circuit)	(\$ per circuit)
300 Mbps	\$1,695	\$1,000
400 Mbps	\$1,765	\$1,000
500 Mbps	\$1,845	\$1,000
600 Mbps	\$1,925	\$1,000
700 Mbps	\$2,050	\$1,000
800 Mbps	\$2,175	\$1,000
900 Mbps	\$2,280	\$1,000
1,000 Mbps	\$2,355	\$1,000

b) MetroEthernet PTP with Exchange Diversity

Bandwidth	MRC (\$ per circuit)	OTC (\$ per circuit)
300 Mbps	\$1,860	\$1,000
400 Mbps	\$1,944	\$1,000
500 Mbps	\$2,030	\$1,000
600 Mbps	\$2,110	\$1,000
700 Mbps	\$2,255	\$1,000
800 Mbps	\$2,395	\$1,000
900 Mbps	\$2,510	\$1,000
1,000 Mbps	\$2,590	\$1,000

c) MetroEthernet PTP with Path Diversity

Bandwidth	MRC (\$ per circuit)	OTC (\$ per circuit)
300 Mbps	\$2,200	\$1,000
400 Mbps	\$2,295	\$1,000
500 Mbps	\$2,395	\$1,000

Bandwidth	MRC (\$ per circuit)	OTC (\$ per circuit)
600 Mbps	\$2,500	\$1,000
700 Mbps	\$2,665	\$1,000
800 Mbps	\$2,830	\$1,000
900 Mbps	\$2,965	\$1,000
1,000 Mbps	\$3,065	\$1,000

d) MetroEthernet PTP (temporary)

Bandwidth	MRC (\$ per circuit)	OTC (\$ per circuit)
300 Mbps	\$2,540	\$1,000
400 Mbps	\$2,650	\$1,000
500 Mbps	\$2,765	\$1,000
600 Mbps	\$2,885	\$1,000
700 Mbps	\$3,075	\$1,000
800 Mbps	\$3,265	\$1,000
900 Mbps	\$3,425	\$1,000
1,000 Mbps	\$3,535	\$1,000

e) MetroEthernet PTP with Exchange Diversity (temporary)

Bandwidth	MRC (\$ per circuit)	OTC (\$ per circuit)
300 Mbps	\$2,795	\$1,000
400 Mbps	\$2,915	\$1,000
500 Mbps	\$3,045	\$1,000
600 Mbps	\$3,175	\$1,000
700 Mbps	\$3,385	\$1,000
800 Mbps	\$3,595	\$1,000
900 Mbps	\$3,765	\$1,000
1,000 Mbps	\$3,885	\$1,000

f) Standard MetroEthernet Point-to-MultiPoint (**PTMP**)

Bandwidth	MRC (\$ per circuit)	OTC (\$ per circuit)
100 Mbps	\$1,049	\$1,000
200 Mbps	\$1,167	\$1,000
300 Mbps	\$1,315	\$1,000
400 Mbps	\$1,372	\$1,000
500 Mbps	\$1,432	\$1,000
600 Mbps	\$1,492	\$1,000

Bandwidth	MRC (\$ per circuit)	OTC (\$ per circuit)
700 Mbps	\$1,592	\$1,000
800 Mbps	\$1,691	\$1,000
900 Mbps	\$1,771	\$1,000
1,000 Mbps	\$1,829	\$1,000

g) MetroEthernet PTMP with Exchange Diversity

Bandwidth	MRC (\$ per circuit)	OTC (\$ per circuit)
100 Mbps	\$1,154	\$1,000
200 Mbps	\$1,284	\$1,000
300 Mbps	\$1,446	\$1,000
400 Mbps	\$1,509	\$1,000
500 Mbps	\$1,576	\$1,000
600 Mbps	\$1,641	\$1,000
700 Mbps	\$1,751	\$1,000
800 Mbps	\$1,860	\$1,000
900 Mbps	\$1,948	\$1,000
1,000 Mbps	\$2,012	\$1,000

h) MetroEthernet PTMP with Path Diversity

Bandwidth	MRC (\$ per circuit)	OTC (\$ per circuit)
100 Mbps	\$1,363	\$1,000
200 Mbps	\$1,518	\$1,000
300 Mbps	\$1,709	\$1,000
400 Mbps	\$1,783	\$1,000
500 Mbps	\$1,862	\$1,000
600 Mbps	\$1,940	\$1,000
700 Mbps	\$2,069	\$1,000
800 Mbps	\$2,198	\$1,000
900 Mbps	\$2,302	\$1,000
1,000 Mbps	\$2,378	\$1,000

i) MetroEthernet PTMP (temporary)

Bandwidth	MRC (\$ per circuit)	OTC (\$ per circuit)
100 Mbps	\$1,689	\$1,000
200 Mbps	\$1,867	\$1,000
300 Mbps	\$2,103	\$1,000

Bandwidth	MRC (\$ per circuit)	OTC (\$ per circuit)
400 Mbps	\$2,195	\$1,000
500 Mbps	\$2,292	\$1,000
600 Mbps	\$2,388	\$1,000
700 Mbps	\$2,547	\$1,000
800 Mbps	\$2,706	\$1,000
900 Mbps	\$2,834	\$1,000
1,000 Mbps	\$2,927	\$1,000

j) MetroEthernet PTMP with Exchange Diversity (temporary)

Bandwidth	MRC (\$ per circuit)	OTC (\$ per circuit)
100 Mbps	\$1,858	\$1,000
200 Mbps	\$2,054	\$1,000
300 Mbps	\$2,314	\$1,000
400 Mbps	\$2,415	\$1,000
500 Mbps	\$2,521	\$1,000
600 Mbps	\$2,626	\$1,000
700 Mbps	\$2,801	\$1,000
800 Mbps	\$2,976	\$1,000
900 Mbps	\$3,118	\$1,000
1,000 Mbps	\$3,220	\$1,000

k) Standard Meg@POP IPVPN EthernetLink

Bandwidth	MRC (\$ per circuit)	OTC (\$ per circuit)
1 Gbps	\$1,729	\$1,000
2 Gbps	\$1,830	\$1,000
3 Gbps	\$2,318	\$1,000
4 Gbps	\$2,484	\$1,000
5 Gbps	\$2,650	\$1,000
10 Gbps	\$3,974	\$1,000
15 Gbps	\$5,000	\$1,000
20 Gbps	\$6,000	\$1,000

1) Meg@POP IPVPN EthernetLink with Exchange Diversity

Bandwidth	MRC (\$ per circuit)	OTC (\$ per circuit)
1 Gbps	\$1,815	\$1,000
2 Gbps	\$1,921	\$1,000
3 Gbps	\$2,434	\$1,000

Bandwidth	MRC (\$ per circuit)	OTC (\$ per circuit)
4 Gbps	\$2,608	\$1,000
5 Gbps	\$2,782	\$1,000
10 Gbps	\$4,173	\$1,000
15 Gbps	\$5,250	\$1,000
20 Gbps	\$6,300	\$1,000

m) Meg@POP IPVPN EthernetLink with Path Diversity

Bandwidth	MRC (\$ per circuit)	OTC (\$ per circuit)
1 Gbps	\$1,902	\$1,000
2 Gbps	\$2,013	\$1,000
3 Gbps	\$2,550	\$1,000
4 Gbps	\$2,732	\$1,000
5 Gbps	\$2,915	\$1,000
10 Gbps	\$4,372	\$1,000
15 Gbps	\$5,500	\$1,000
20 Gbps	\$6,600	\$1,000

n) (With effect from 18 February 2021) Meg@POP IPVPN EthernetLink (Customised Path Diversity)

Bandwidth	MRC (\$ per circuit)	OTC (\$ per circuit)
1 Gbps	\$1,845	\$1,000
2 Gbps	\$1,952	\$1,000
3 Gbps	\$2,474	\$1,000
4 Gbps	\$2,650	\$1,000
5 Gbps	\$2,827	\$1,000
10 Gbps	\$4,241	\$1,000
15 Gbps	\$5,335	\$1,000
20 Gbps	\$6,402	\$1,000

o) Meg@POP IPVPN EthernetLink (temporary)

Bandwidth	Recurring Charge per 15 Days (\$ per circuit)	OTC (\$ per circuit)
1 Gbps	\$1,729	\$1,000
2 Gbps	\$1,830	\$1,000
3 Gbps	\$2,318	\$1,000
4 Gbps	\$2,484	\$1,000
5 Gbps	\$2,650	\$1,000

Bandwidth	Recurring Charge per 15 Days (\$ per circuit)	OTC (\$ per circuit)
10 Gbps	\$3,974	\$1,000

p) Gigawave

Bandwidth	MRC (\$ per circuit)	OTC (\$ per circuit)
1 Gbps	\$1,849	\$1,000
2 Gbps (Fibre Channel)	\$2,550	\$1,000
2.5 Gbps (STM-16)	\$3,030	\$1,000
4 Gbps (Fibre Channel)	\$3,386	\$1,000
10 Gbps (STM-64, Fibre Channel, 10	\$4,279	\$1,000
Gigabit Ethernet)	φ 4 ,279	
100 Gbps (Gigabit Ethernet)	\$21,000	\$1,000

q) Gigawave with Exchange Diversity

Bandwidth	MRC (\$ per circuit)	OTC (\$ per circuit)
1 Gbps	\$2,033	\$1,000
2 Gbps (Fibre Channel)	\$2,805	\$1,000
2.5 Gbps (STM-16)	\$3,334	\$1,000
4 Gbps (Fibre Channel)	\$3,724	\$1,000
10 Gbps (STM-64, Fibre Channel, 10	\$4,706	\$1,000
Gigabit Ethernet)	\$4,700	
100 Gbps (Gigabit Ethernet)	\$23,100	\$1,000

r) Enhanced Gigawave

Bandwidth	MRC (\$ per circuit)	OTC (\$ per circuit)
1 Gbps	\$2,438	\$1,000
2 Gbps (Fibre Channel)	\$3,360	\$1,000
2.5 Gbps (STM-16)	\$3,994	\$1,000
4 Gbps (Fibre Channel)	\$4,463	\$1,000
10 Gbps (STM-64, Fibre Channel, 10 Gigabit Ethernet)	\$5,640	\$1,000
100 Gbps (Gigabit Ethernet)	\$27,679	\$1,000

s) Enhanced Gigawave with Path Diversity

Bandwidth	MRC (\$ per circuit)	OTC (\$ per circuit)
1 Gbps	\$3,169	\$1,000
2 Gbps (Fibre Channel)	\$4,369	\$1,000
2.5 Gbps (STM-16)	\$5,194	\$1,000
4 Gbps (Fibre Channel)	\$5,801	\$1,000
10 Gbps (STM-64, Fibre Channel, 10	\$7,331	\$1,000
Gigabit Ethernet)	\$7,331	
100 Gbps (Gigabit Ethernet)	\$35,981	\$1,000

t) (With effect from 18 February 2021) Dark Fibre

Service (per pair)	MRC (\$ per pair)	OTC (\$ per pair)
Standard	\$1,650	\$1,000
Exchange Diversity	\$1,815	\$1,000
Path Diversity	\$1,980	\$1,000

u) (With effect from 4 June 2024) deleted

- 1. The customised tariffs will be applicable to all new and renewed circuits subscribed under the Customised Scheme.
- 2. For MetroEthernet Point-to-Multipoint services, the customer may request to activate a new head-end only when the capacity of each of the existing head-end is at least 70% utilised.
- 3. (With effect from 18 February 2021) For Dark Fibre services, any OTC incurred as part of civil works will be charged as additional charges and will be paid for by the customer.

Revenue Commitment

- 1. The customer is required to commit to a minimum annual spend of \$35 million on Dark Fibre, MetroEthernet, Meg@POP and Gigawave services. For the avoidance of doubt, spending on Dark Fibre, MetroEthernet, Meg@POP and/or Gigawave services (including value added services) subscribed outside of the Customised Scheme will be counted towards the minimum revenue commitment.
- 2. In the event that the customer fails to meet the minimum revenue commitment, the customer shall pay Singtel the shortfall.
- 3. (with effect from 4 June 2024) deleted

Key Terms and Conditions:

- 1. **(with effect from 19 May 2023)** The contract term of the Customised Scheme is four (4) years.
- 2. The contract term for the services subscribed under the Customised Scheme is as follows:
 - a. **Temporary services**: contract term is one (1) month unless otherwise stated;
 - b. All other services: minimum contract term of one (1) year.
- 3. Circuits subscribed under the Customised Scheme will continue at customised prices after the expiry of the circuit contract term.
- 4. (with effect from 4 June 2024) deleted
- 5. The customer shall not resell the services subscribed under the Customised Scheme "as is" or as a full or sub-bandwidth standalone MetroEthernet, Gigawave, Meg@POP and/or Dark Fibre service, but may use the services as part of its own network to offer its services.
- 6. The services offered under the Customised Scheme are subject to resource availability.
- 7. The customer shall be responsible for obtaining all authorisation(s) necessary for Singtel to access the customer's POP.
- 8. For Dark Fibre services, any request for relocation shall be deemed to be a request for the termination of the service(s) and a request for the supply of a new service(s) at the requested location, and the prevailing premature termination charges (**PTC**) shall apply.
- 9. All other standard prices, terms and conditions of the Singtel MetroEthernet, Gigawave, Meg@POP and Dark Fibre services shall remain applicable.

Suspension and Termination Provisions:

- 1. **(with effect from 4 June 2024)** In the event that the customer terminates the service(s) subscribed under the Customised Scheme prior to the end of the circuit contract term, the customer shall be liable for the prevailing PTC, except in situations where the termination of service arises due to the demolition of the building where the service(s) is housed in, the PTC will be waived under the above circumstance.
- 2. In order to enjoy the PTC waiver above, the customer must produce a letter from the building management evidencing the above circumstance. The customer may choose to relocate the affected service(s) to a new location subject to the OTC of the service(s). For the avoidance of doubt, such relocated service need not be renewed on a new contract term.

For details, refer to www.singtel.com.

Eligibility:

The Customised Scheme is available to any similarly situated customer who satisfies the following criteria:

- a. is a duly licenced Facilities Based Operator (FBO) in Singapore;
- b. currently has or is willing to commit to a minimum annual spend of \$35 million on Dark Fibre, MetroEthernet, Meg@POP and Gigawave services;
- c. (With effect from 18 February 2021) has or is willing to subscribe to a minimum of 150 pairs of Dark Fibre circuits;
- d. uses the services subscribed under the Customised Scheme for connecting to its own mobile base station(s), wireless base station(s) and/or its operations centre(s); and
- e. accept the terms and conditions of the Customised Scheme in its entirety.