

CORPORATE SERVICES - INFORMATION SYSTEMS & TECHNOLOGY - USE OF TELECOMMUNICATIONS INFRASTRUCTURE									
	SERVICES RENDERED	UNIT	REMARKS	2018/19	2018/19		2019/20	2019/20	% Increase / decrease
				Recalculated	R	VAT	Recalculated	R	
				excl. VAT	incl. VAT	Yes/No	excl. VAT	incl. VAT	
	RENTAL OF UNLIT TELECOMMUNICATIONS FIBRE								
FCR	Local fibre pair rental : use of an unlit optic fibre pair from a Switching Facility to a Building within 800m	Per Optic Fibre Pair per month or per month pro-rata where a full month does not apply	Monthly rental applies if the straight line distance to the nearest switching centre is less than 800m (Geodic method). Subject to availability. No more than three (3) fibre pairs per client. Buildings on the same local cable sector will be daisy-chained. Once-off Building Connection Fee to be paid on allocation of fibre pair. New access cables will not be installed if the Building is more than 300m from an existing local cable or distance from Building entry to daisy-chained building entry is more than 300m, and are subject to vaibility and the consent of the Building owner; cable remains the property of the City of Cape Town. Client must have a valid ECS or ECNS license.	Delete	Delete	y	Delete	Delete	N/ A
FCR	Local fibre pair rental: use of an unlit optic fibre pair from a Switching Facility to a Building more than 800m and less than 2000m away	Per Optic Fibre Pair per metre per month or per month pro-rata where a full month does not apply	Monthly rental applies if the straight line distance to the nearest switching centre is greater than 800m and less than 2000m (Geodic method). Calculated on the straight line distance to the nearest switching facility with a routing factor of 1.5. Subject to availability. No more than three (3) fibre pairs per client. Buildings on the same local cable sector will be daisy-chained. Once-off Building Connection Fee to be paid on allocation of fibre pair. New access cables will not be installed if the Building is more than 300m from an existing local cable or distance from Building entry to daisy-chained building entry is more than 300m, and are subject to vaibility and the consent of the Building owner; cable remains the property of the City of Cape Town. Client must have a valid ECS or ECNS license.			y			N/ A

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	SERVICES RENDERED	UNIT	REMARKS	2018/19 Recalculated excl. VAT	2018/19 R incl. VAT	VAT Yes/No	2019/20 Recalculated excl. VAT	2019/20 R incl. VAT	% Increase / decrease
FCR	Local fibre pair rental: use of an unlit optic fibre pair from a Switching Facility to a Building more than 2000m and less than 5000m away	Per Optic Fibre Pair per month or per month pro-rata where a full month does not apply	Monthly rental applies if the straight line distance to the nearest switching centre is more than 2000m and less than 5000m (Geodic method). Subject to availability. No more than three (3) fibre pairs per client. Buildings on the same local cable sector will be daisy-chained. Once-off Building Connection Fee to be paid on allocation of fibre pair. New access cables will not be installed if the Building is more than 300m from an existing local cable or distance from Building entry to daisy-chained Building entry is more than 300m, and are subject to vaibility and the consent of the Building owner; cable remains the property of the City of Cape Town. Client must have a valid ECS or ECNS license.			y			N/A
FCR	Local fibre pair rental: use of an unlit optic fibre pair from a Switching Facility to a Building more than 5000m and less than 8000m away	Per Optic Fibre Pair per month or per month pro-rata where a full month does not apply	Monthly rental applies if the straight line distance to the nearest switching centre is more than 5000m and less than 8000m (Geodic method). Subject to availability. No more than three (3) fibre pairs per client. Once-off Building Connection Fee to be paid. New access cables will not be installed if the Building is more than 300m from an existing local cable or distance from Building entry to daisy-chained Building entry is more than 300m, and are subject to vaibility and the consent of the Building owner; cable remains the property of the City of Cape Town. Client must have a valid ECS or ECNS license.			y			N/A

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	SERVICES RENDERED	UNIT	REMARKS	2018/19 Recalculated excl. VAT	2018/19 R incl. VAT	VAT Yes/No	2019/20 Recalculated excl. VAT	2019/20 R incl. VAT	% Increase / decrease
FCR	Local fibre pair rental: use of an unlit optic fibre pair from a Switching Facility to a Building more than 8000m and less than 11000m away	Per Optic Fibre Pair per month or per month pro-rata where a full month does not apply	Monthly rental applies if the straight line distance to the nearest switching centre is more than 8000m and less than 11000m (Geodic method). Subject to availability. No more than three (3) fibre pairs per client.Buildings on the same local cable sector will be daisy-chained. Once-off Building Connection Fee to be paid on allocation of fibre pair. New access cables will not be installed if the Building is more than 300m from an existing local cable or distance from Building entry to daisy-chained building entry is more than 300m, and are subject to vaibility and the consent of the Building owner; cable remains the property of the City of Cape Town. Client must have a valid ECS or ECNS license.			y			N/A
FCR	Local fibre pair rental: use of an unlit optic fibre pair from a Switching Facility to a Building greater than 11000m away	R21,0404 + Rate Per Optic Fibre Pair per month or per month pro-rata where a full month does not apply	Monthly rental applies if the straight line distance to the nearest switching centre is more than 11000m (Geodic method). Calculated on the incremental straight line distance to the nearest switching facility greater than 11000m. Subject to availability. No more than three (3) fibre pairs per client. Buildings on the same local cable sector will be daisy-chained. Once-off Building Connection Fee to be paid on allocation of fibre pair.. New access cables will not be installed if the Building is more than 300m from an existing local cable or distance from Building entry to daisy-chained Building entry is more than 300m, and are subject to vaibility and the consent of the Building owner; cable remains the property of the City of Cape Town. Client must have a valid ECS or ECNS license.	Delete	Delete	y	Delete	Delete	N/A
FCR	Building Connection Fee: allocation of an Optic Fibre Pair on a Local cable	Once-off charge, per Optic Fibre Pair	Building Connection Fee charged on initial allocation of a local fibre pair. Local fibre pair rental tariff applies thereafter.			y			N/A
	LEASE OF UNLIT TELECOMMUNICATIONS FIBRE								

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	SERVICES RENDERED	UNIT	REMARKS	2018/19 Recalculated excl. VAT	2018/19 R incl. VAT	VAT Yes/No	2019/20 Recalculated excl. VAT	2019/20 R incl. VAT	% Increase / decrease
	Lease of an Access Fibre from a Switching Facility to a Building or other edge site. Access fibre installed prior to 30 June 2019.	Per Optic Fibre Pair per month (or per month pro-rata where a full month does not apply)	Monthly rental subject to viability and consent of building owner, and/or availability. Cable remains property of the City of Cape Town. No more than one (1) Optic Fibre Pair per route per Client. Client must have a valid ECS and/or ECNS license. This tariff will be used if access access fibre installations completed prior to 30 June 2019.						
FCR			1 - 9 Leased Access Fibre Pairs	3 600.00	4 140.00	y	3 600.00	4 140.00	0.00%
FCR			10 - 19 Leased Access Fibre Pairs	3 240.35	3 726.40	y	3 240.35	3 726.40	0.00%
FCR			≥20 Leased Access Fibre Pairs	2 879.82	3 311.80	y	2 879.82	3 311.80	0.00%
PCR			1 - 9 Leased Access Fibre Pairs	DELETE	DELETE	y	-	-	
PCR			10 - 19 Leased Access Fibre Pairs	DELETE	DELETE	y	DELETE	DELETE	
PCR			≥20 Leased Access Fibre Pairs	DELETE	DELETE	y	DELETE	DELETE	
	Lease of an Access Fibre from a Switching Facility to a Building, other edge site or termination point. Access fibre distance less than or equal to 50 metres on straight line basis from nearest existing City fibre infrastructure to termination point.	Per Optic Fibre Pair per month (or per month pro-rata where a full month does not apply)	Monthly rental subject to viability and consent of building owner, and/or availability. Cable remains property of the City of Cape Town. No more than one (1) Optic Fibre Pair per route per Client. Client must have a valid ECS and/or ECNS license. This tariff will be used if access build distance is less of equal to 50 metres from the nearest City owned Telecoms fibre infrastructure to termination point measured on a straight line basis and access fibre installation is complete after 30 June 2019.						
FCR			1 - 9 Leased Access Fibre Pairs			y	3 000.00	3 450.00	
FCR			10 - 19 Leased Access Fibre Pairs			y	2 700.00	3 105.00	
FCR			≥20 Leased Access Fibre Pairs			y	2 430.00	2 794.50	
	Lease of an Access Fibre from a Switching Facility to a Building, other edge site or termination point. Access fibre distance more than or equal to 50 metres on straight line basis from nearest existing City fibre infrastructure to termination point.	Per Optic Fibre Pair per month (or per month pro-rata where a full month does not apply)	Monthly rental subject to viability and consent of building owner, and/or availability. Cable remains property of the City of Cape Town. No more than one (1) Optic Fibre Pair per route per Client. Client must have a valid ECS and/or ECNS license. This tariff will be used if access build distance is more than 50 metres from the nearest City Telecoms owned fibre infrastruture to termination pointy measured on a straight line basis and access fibre installation is complete after 30 June 2019.						
FCR			1 - 9 Leased Access Fibre Pairs			y	4 800.00	5 520.00	
FCR			10 - 19 Leased Access Fibre Pairs			y	4 320.00	4 968.00	

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FCR			≥20 Leased Access Fibre Pairs			y	3 888.00	4 471.20	
	Lease of an Access Fibre from a Switching Facility to <u>access location</u> . Customers pays for access infrastructure.	Per Optic Fibre Pair per month (or per month pro-rata where a full month does not apply)	Monthly rental subject to viability and wayleave approval, building owner permissions, and/or availability. Client must have a valid ECS and/or ECNS license. For this service the City will install a minimum amount of additional access infrastructure only up to the access location point (for example inter-connection manhole etc). The customer will fund and own all additional access infrastructure from the access location where the customer inter-connects to City infrastructure to the customer's building entry. A maximum fibre distance of 15kms applies. if the actual fibre distance exceeds 15 kms in length, the customer will need to pay this rate plus a fee equal to the excess distance multiplied by the per metre core fibre pair rental rate.						
			1 - 9 Leased Access Fibre Pairs			y	2 500.00	2 875.00	
			10 - 19 Leased Access Fibre Pairs			y	2 250.00	2 587.50	
			≥20 Leased Access Fibre Pairs			y	2 025.00	2 328.75	
			Flat Rate Area						
			No Radius will apply. Service will be dependent upon availability, technical viability and financial viability						
FCR	Access Fibre Network Connection Fee	Once off per setup	Administrative fee charged to allocate and provision each Access Fibre Pair.	5 250.00	6 037.50	y	5 512.50	6 339.38	5.00%
FCR	Lease of an Cross Connect Fibre Pair from a Switching Facility to the exchange/ data centre/ POP/ co-location facility of a Licensed Operator	Per Optic Fibre Pair per month (or per month pro-rata where a full month does not apply) within Flat Rate Area	Monthly rental calculated on straight line distance (measured using the Geodic method), to a maximum of applicable Access Fibre Rate. Subject to viability and consent of building owner, and/or availability. Cable remains property of the City of Cape Town. No more than two (2) fibre pairs per Client. Client must have a valid ECS and/or ECNS license. The monthly tariff will be capped at R4500 (excl. VAT)	2.25	2.59	y	2.25	2.59	-0.19%
PCR	Lease of a Core Fibre Pair between any two Switching Facilities	Per Optic Fibre Pair per month (or per month pro-rata where a full month does not apply) within Flat Rate Area	Monthly rental based on actual OTDR fibre distance between switching facilities . Subject to availability. No more than one (1) Optic Fibre Pair per route per Client. Client must have a valid ECS and/or ECNS license. A discount structure applies based on the total distance of core fibre pairs being leased.						
			0 to 100 000 metres of core fibre pairs leased	2.25	2.59	y	2.25	2.59	-0.04%

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			Greater than 100 000 metres of core fibre pairs leased	2.00	2.30	y	2.00	2.30	0.00%
			Greater than 150 000 metres of core fibre pairs leased	1.80	2.07	y	1.80	2.07	0.00%
FCR	Core Fibre Network Connection Fee	Once off per setup	Administrative fee charged to allocate and provision each Core Fibre Pair.	10 000.00	11 500.00	y	10 500.00	12 075.00	5.00%
PCR	Bundled network service in previously disadvantaged area. <u>City builds access infrastructure.</u>	Per service per month	This bundled package includes a 100Mbps VPLS service, the lease of a 10U quarter cabinet (1kW) in a monitored Switching Facility in a previously disadvantaged area plus the lease of an access fibre pair connection. The access fibre connection must be within 50 metres of the City's existing optical fibre infrastructure. The service will be free for the first 3 months. Client must have a valid ECS and/or ECNS license. Some areas in which this service can be supplied include, Mitchells Plain, Khayelitsha, Delft, Gugulethu, Ndabeni, etc. This tariff is dependent upon availability. Only 25% of the particular switching centre will be allocated to this service. List of switching centres falling into this category can be provided upon request.	2 500.00	2 875.00	y	3 500.00	4 025.00	40.00%
PCR	Bundled network service in previously disadvantaged area. <u>Customer builds access infrastructure.</u>	Per service per month	This bundled package includes a 100Mbps VPLS service, the lease of a 10U quarter cabinet (1kW) in a monitored Switching Facility in a previously disadvantaged area plus the lease of an access fibre pair connection. The service will be free for the first 3 months. Client must have a valid ECS and/or ECNS license. Some areas in which this service can be supplied include, Mitchells Plain, Khayelitsha, Delft, Gugulethu, Ndabeni, etc. This tariff is dependent upon availability. Only 25% of the particular switching centre will be allocated to this service. List of switching centres falling into this category can be provided upon request.			y	2 500.00	2 875.00	

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	SERVICES RENDERED	UNIT	REMARKS	2018/19 Recalculated excl. VAT	2018/19 R incl. VAT	VAT Yes/No	2019/20 Recalculated excl. VAT	2019/20 R incl. VAT	% Increase / decrease
PCR	Lease of an Access Fibre - CDB Connect areas	Per Optic Fibre Pair per month (or per month pro-rata where a full month does not apply) within CBD connect areas.	Monthly rental when Building connected is within specific CBD area. Subject to viability and consent of building owner, and/or availability. Cable remains property of the City of Cape Town. No more than one (1) Optic Fibre Pair per route per Client. Client must have a valid ECS and/or ECNS license. The cost includes the lease of a fibre pair to a building within the predefined CBD connect area as well as the lease of a 10U quarter cabinet (1kW) in the City's A11 44 Wale Street monitored Switching Facility per ISP.						
PCR			1 - 9 Leased Access Fibre Pairs	2 000.00	2 300.00	y	2 000.00	2 300.00	0.00%
PCR			10 - 19 Leased Access Fibre Pairs	1 500.00	1 725.00	y	1 500.00	1 725.00	0.00%
PCR			≥20 Leased Access Fibre Pairs	1 000.00	1 150.00	y	1 000.00	1 150.00	0.00%
FCR	Lease of space in a 7 way sub-duct tube	Per 7 way sub-duct tube per metre per month or per month pro-rata where a full month does not apply	Subject to availability. Lease of space in City owned 7 way 10/12-14mm direct installed duct tube. The City will own and maintain the duct. The customer will own and manage their own optical fibre installed in 7 way duct tube. Access to duct and fibre will only be allowed from specific City owned manholes. City fibre installation rules and procedures apply. The service will be sold based on first come first serve basis. Subject to availability			y	6.00	6.90	
FCR	Managed optical service - Ethernet point to point service. 10 Gbps	Per wavelength channel per month or per month pro-rata where a full month does not apply	Subject to availability. Available at specific sites only. No automatic routing. Circuit provided via Dense Wavelength Division Multiplexing (DWDM) technology.			y	30 000.00	34 500.00	

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FCR	Managed optical service - Ethernet point to point service. 50 Gbps	Per wavelength channel per month or per month pro-rata where a full month does not apply	Subject to availability. Available at specific sites only. No automatic routing. Circuit provided via Dense Wavelength Division Multiplexing (DWDM) technology.			y	75 000.00	86 250.00	
	Managed optical service - Ethernet point to point service. 100 Gbps	Per wavelength channel per month or per month pro-rata where a full month does not apply	Subject to availability. Available at specific sites only. No automatic routing. Circuit provided via Dense Wavelength Division Multiplexing (DWDM) technology.			y	125 000.00	143 750.00	
	Fibre Monitoring :								
FCR	Local or core fibre pair monitoring service: active monitoring of a local fibre pair between a Switching Facility and a Building.	Per Optic Fibre Pair per month or per month pro-rata where a full month does not apply	Local Connection fibre termination must have Optical Pass Filter. Subject to availability. This service must be procured with lease of core fibre pairs.	508.77	585.09	y	622.69	716.09	22.39%
FCR	Use of Wi-Fi and backhaul infrastructure at City owned public venues	Once off per setup	Use of Wi-Fi access points and backhaul connection to a City owned Switching Facility. Once off setup fee per event (event to last no more than 7 days). Excludes internet bandwidth. Subject to availability. Client must have a valid ECS and/or ECNS license.	1 100.00	1 265.00	y	1 750.00	2 012.50	59.09%
	RENTAL OF SWITCHING CENTRE RACK SPACE - For installation of switching equipment - In Premium City Switching Facilities (Bellville, Keller House and Gallows Hill)		This will apply to ISPs that lease less than 5 rack spaces within any switching facility						
FCR	Rack Space - 10U quarter cabinet (1kW): 10U half cabinet in a monitored Switching Facility [inc. power, UPS, access control, CCTV security, fire suppression] - 1kW power supply, or similar	Per 10U per month or per month pro-rata where a full month does not apply	Telecommunications equipment only. Subject to availability. No more than two full cabinet equivalents per Switching Centre or one full cabinet per Switching Room per Client (all rack space in the aggregate).	2 400.00	2 760.00	y	2 400.00	2 760.00	0.00%

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				Recalculated	R	VAT	Recalculated	R	
				excl. VAT	incl. VAT	Yes/No	excl. VAT	incl. VAT	
FCR	Rack space - 21U half cabinet (1kW): 21U half cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] plus secure remote data access availability - 1kW power supply, or similar	Per 21U per month or per month pro-rata where a full month does not apply	Telecommunications equipment only. Subject to availability. No more than two full cabinet equivalents per Switching Centre or one full cabinet per Switching Room per Client (all rack space in the aggregate).	4 300.00	4 945.00	y	4 300.00	4 945.00	0.00%
FCR	Rack space - 43U full cabinet (1.5kW): 43U full cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] plus secure remote data access availability - 1.5kW power supply, or similar	Per 43U (1.5kW) per month or per month pro-rata where a full month does not apply	Telecommunications equipment only. Subject to availability. No more than two full cabinet equivalents per Switching Centre or one full cabinet per Switching Room per Client (all rack space in the aggregate).	8 300.00	9 545.00	y	8 300.00	9 545.00	0.00%
FCR	Rack space - 43U full cabinet (3kW): 43U full cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] plus secure remote data access availability - 3kW power supply, or similar	Per 43U (3kW) per month or per month pro-rata where a full month does not apply	Telecommunications equipment only. Subject to availability. No more than two full cabinet equivalents per Switching Centre or one full cabinet per Switching Room per Client (all rack space in the aggregate).	11 000.00	12 650.00	y	11 000.00	12 650.00	0.00%
	RENTAL OF SWITCHING CENTRE RACK SPACE		<i>This will apply to ISPs that lease between 5 and 10 rack spaces within any switching facility</i>						
FCR	Rack Space - 10U quarter cabinet (1kW): 10U half cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] - 1kW power supply, or similar	Per 10U per month or per month pro-rata where a full month does not apply	Telecommunications equipment only. Subject to availability. No more than two full cabinet equivalents per Switching Centre or one full cabinet per Switching Room per Client (all rack space in the aggregate).	2 279.82	2 621.80	y	2 279.83	2 621.80	0.00%
FCR	Rack space - 21U half cabinet (1kW): 21U half cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] plus secure remote data access availability - 1kW power supply, or similar	Per 21U per month or per month pro-rata where a full month does not apply	Telecommunications equipment only. Subject to availability. No more than two full cabinet equivalents per Switching Centre or one full cabinet per Switching Room per Client (all rack space in the aggregate).	4 085.09	4 697.85	y	4 085.09	4 697.85	0.00%
FCR	Rack space - 43U full cabinet (1.5kW): 43U full cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] plus secure remote data access availability - 1.5kW power supply, or similar	Per 43U (1.5kW) per month or per month pro-rata where a full month does not apply	Telecommunications equipment only. Subject to availability. No more than two full cabinet equivalents per Switching Centre or one full cabinet per Switching Room per Client (all rack space in the aggregate).	7 885.09	9 067.85	y	7 885.09	9 067.85	0.00%

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FCR	Rack space - 43U full cabinet (3kW): 43U full cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] plus secure remote data access availability - 3kW power supply, or similar	Per 43U (3kW) per month or per month pro-rata where a full month does not apply	10 450.00	12 017.50	y	10 450.00	12 017.50	0.00%
	RENTAL OF SWITCHING CENTRE RACK SPACE							
	<i>This will apply to ISPs that lease more than 10 rack spaces within any switching facility</i>							
FCR	Rack Space - 10U quarter cabinet (1kW): 10U half cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] - 1kW power supply, or similar	Per 10U per month or per month pro-rata where a full month does not apply	2 159.65	2 483.60	y	2 159.65	2 483.60	0.00%
FCR	Rack space - 21U half cabinet (1kW): 21U half cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] plus secure remote data access availability - 1kW power supply, or similar	Per 21U per month or per month pro-rata where a full month does not apply	3 870.18	4 450.70	y	3 870.17	4 450.70	0.00%
FCR	Rack space - 43U full cabinet (1.5kW): 43U full cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] plus secure remote data access availability - 1.5kW power supply, or similar	Per 43U (1.5kW) per month or per month pro-rata where a full month does not apply	7 470.18	8 590.70	y	7 470.17	8 590.70	0.00%
FCR	Rack space - 43U full cabinet (3kW): 43U full cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] plus secure remote data access availability - 3kW power supply, or similar	Per 43U (3kW) per month or per month pro-rata where a full month does not apply	9 900.00	11 385.00	y	9 900.00	11 385.00	0.00%
	RENTAL OF SWITCHING CENTRE RACK SPACE - For installation of switching equipment - <u>In non-Premium City Switching Facilities (All switching facilities besides Bellville, Keller House and Gallows Hill)</u>	This will apply to ISPs that lease less than 5 rack spaces within any switching facility						

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PCR	Rack Space - 10U quarter cabinet (1kW): 10U half cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] - 1kW power supply, or similar	Per 10U per month or per month pro-rata where a full month does not apply	Telecommunications equipment only. Subject to availability. No more than two full cabinet equivalents per Switching Centre or one full cabinet per Switching Room per Client (all rack space in the aggregate).			y	1 920.00	2 208.00	
PCR	Rack space - 21U half cabinet (1kW): 21U half cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] plus secure remote data access availability - 1kW power supply, or similar	Per 21U per month or per month pro-rata where a full month does not apply	Telecommunications equipment only. Subject to availability. No more than two full cabinet equivalents per Switching Centre or one full cabinet per Switching Room per Client (all rack space in the aggregate).			y	3 440.00	3 956.00	
PCR	Rack space - 43U full cabinet (1.5kW): 43U full cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] plus secure remote data access availability - 1.5kW power supply, or similar	Per 43U (1.5kW) per month or per month pro-rata where a full month does not apply	Telecommunications equipment only. Subject to availability. No more than two full cabinet equivalents per Switching Centre or one full cabinet per Switching Room per Client (all rack space in the aggregate).			y	6 640.00	7 636.00	
PCR	Rack space - 43U full cabinet (3kW): 43U full cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] plus secure remote data access availability - 3kW power supply, or similar	Per 43U (3kW) per month or per month pro-rata where a full month does not apply	Telecommunications equipment only. Subject to availability. No more than two full cabinet equivalents per Switching Centre or one full cabinet per Switching Room per Client (all rack space in the aggregate).			y	8 800.00	10 120.00	
	RENTAL OF SWITCHING CENTRE RACK SPACE		<i>This will apply to ISPs that lease between 5 and 10 rack spaces within any switching facility</i>						
PCR	Rack Space - 10U quarter cabinet (1kW): 10U half cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] - 1kW power supply, or similar	Per 10U per month or per month pro-rata where a full month does not apply	Telecommunications equipment only. Subject to availability. No more than two full cabinet equivalents per Switching Centre or one full cabinet per Switching Room per Client (all rack space in the aggregate).			y	1 728.00	1 987.20	
PCR	Rack space - 21U half cabinet (1kW): 21U half cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] plus secure remote data access availability - 1kW power supply, or similar	Per 21U per month or per month pro-rata where a full month does not apply	Telecommunications equipment only. Subject to availability. No more than two full cabinet equivalents per Switching Centre or one full cabinet per Switching Room per Client (all rack space in the aggregate).			y	3 096.00	3 560.40	

CORPORATE SERVICES - INFORMATION SYSTEMS & TECHNOLOGY - USE OF TELECOMMUNICATIONS INFRASTRUCTURE									
	SERVICES RENDERED	UNIT	REMARKS	2018/19 Recalculated excl. VAT	2018/19 R incl. VAT	VAT Yes/No	2019/20 Recalculated excl. VAT	2019/20 R incl. VAT	% Increase / decrease
PCR	Rack space - 43U full cabinet (1.5kW): 43U full cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] plus secure remote data access availability - 1.5kW power supply, or similar	Per 43U (1.5kW) per month or per month pro-rata where a full month does not apply	Telecommunications equipment only. Subject to availability. No more than two full cabinet equivalents per Switching Centre or one full cabinet per Switching Room per Client (all rack space in the aggregate).			y	5 976.00	6 872.40	
PCR	Rack space - 43U full cabinet (3kW): 43U full cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] plus secure remote data access availability - 3kW power supply, or similar	Per 43U (3kW) per month or per month pro-rata where a full month does not apply	Telecommunications equipment only. Subject to availability. No more than two full cabinet equivalents per Switching Centre or one full cabinet per Switching Room per Client (all rack space in the aggregate).			y	7 920.00	9 108.00	
	RENTAL OF SWITCHING CENTRE RACK SPACE								
	<i>This will apply to ISPs that lease more than 10 rack spaces within any switching facility</i>								
PCR	Rack Space - 10U quarter cabinet (1kW): 10U half cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] - 1kW power supply, or similar	Per 10U per month or per month pro-rata where a full month does not apply	Telecommunications equipment only. Subject to availability. No more than two full cabinet equivalents per Switching Centre or one full cabinet per Switching Room per Client (all rack space in the aggregate).			y	1 555.20	1 788.48	
PCR	Rack space - 21U half cabinet (1kW): 21U half cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] plus secure remote data access availability - 1kW power supply, or similar	Per 21U per month or per month pro-rata where a full month does not apply	Telecommunications equipment only. Subject to availability. No more than two full cabinet equivalents per Switching Centre or one full cabinet per Switching Room per Client (all rack space in the aggregate).			y	2 786.40	3 204.36	
PCR	Rack space - 43U full cabinet (1.5kW): 43U full cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] plus secure remote data access availability - 1.5kW power supply, or similar	Per 43U (1.5kW) per month or per month pro-rata where a full month does not apply	Telecommunications equipment only. Subject to availability. No more than two full cabinet equivalents per Switching Centre or one full cabinet per Switching Room per Client (all rack space in the aggregate).			y	5 378.40	6 185.16	
PCR	Rack space - 43U full cabinet (3kW): 43U full cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] plus secure remote data access availability - 3kW power supply, or similar	Per 43U (3kW) per month or per month pro-rata where a full month does not apply	Telecommunications equipment only. Subject to availability. No more than two full cabinet equivalents per Switching Centre or one full cabinet per Switching Room per Client (all rack space in the aggregate).			y	7 128.00	8 197.20	
	RENTAL OF SWITCHING CENTRE RACK SPACE								

CORPORATE SERVICES - INFORMATION SYSTEMS & TECHNOLOGY - USE OF TELECOMMUNICATIONS INFRASTRUCTURE									
	SERVICES RENDERED	UNIT	REMARKS	2018/19 Recalculated excl. VAT	2018/19 R incl. VAT	VAT Yes/No	2019/20 Recalculated excl. VAT	2019/20 R incl. VAT	% Increase / decrease
	<i>This will apply to ISPs that lease more than 20 rack spaces within any switching facility</i>								
PCR	Rack Space - 10U quarter cabinet (1kW): 10U half cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] - 1kW power supply, or similar	Per 10U per month or per month pro-rata where a full month does not apply	Telecommunications equipment only. Subject to availability. No more than two full cabinet equivalents per Switching Centre or one full cabinet per Switching Room per Client (all rack space in the aggregate).			y	1 477.00	1 788.48	
PCR	Rack space - 21U half cabinet (1kW): 21U half cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] plus secure remote data access availability - 1kW power supply, or similar	Per 21U per month or per month pro-rata where a full month does not apply	Telecommunications equipment only. Subject to availability. No more than two full cabinet equivalents per Switching Centre or one full cabinet per Switching Room per Client (all rack space in the aggregate).			y	2 647.00	3 204.36	
PCR	Rack space - 43U full cabinet (1.5kW): 43U full cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] plus secure remote data access availability - 1.5kW power supply, or similar	Per 43U (1.5kW) per month or per month pro-rata where a full month does not apply	Telecommunications equipment only. Subject to availability. No more than two full cabinet equivalents per Switching Centre or one full cabinet per Switching Room per Client (all rack space in the aggregate).			y	5 109.00	6 185.16	
PCR	Rack space - 43U full cabinet (3kW): 43U full cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] plus secure remote data access availability - 3kW power supply, or similar	Per 43U (3kW) per month or per month pro-rata where a full month does not apply	Telecommunications equipment only. Subject to availability. No more than two full cabinet equivalents per Switching Centre or one full cabinet per Switching Room per Client (all rack space in the aggregate).			y	6 771.00	8 197.20	
	<u>RENTAL OF SWITCHING CENTRE RACK SPACE FOR HOSTING OF SERVER EQUIPMENT (In Premium City Switching Facilities (Bellville, Keller House and Gallows Hill))</u>								
	<i>This will apply to customers that lease less than 5 full cabinet spaces within any switching facility</i>								
FCR	Rack space - 43U full cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] plus secure remote data access availability - Max of 3kW power supply.	Per 43U full cabinet per month or per month pro-rata where a full month does not apply	Subject to availability. Power limited to 18kW per full 43U cabinet.	5 600.00	6 440.00	y	5 600.00	6 440.00	0.00%

CORPORATE SERVICES - INFORMATION SYSTEMS & TECHNOLOGY - USE OF TELECOMMUNICATIONS INFRASTRUCTURE									
	SERVICES RENDERED	UNIT	REMARKS	2018/19 Recalculated excl. VAT	2018/19 R incl. VAT	VAT Yes/No	2019/20 Recalculated excl. VAT	2019/20 R incl. VAT	% Increase / decrease
	<i>This will apply to customer that lease between 5 and 10 full cabinet spaces within any switching facility</i>								
FCR	Rack space - 43U full cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] plus secure remote data access availability - Max of 3kW power supply.	Per 43U full cabinet per month or per month pro-rata where a full month does not apply	Subject to availability. Power limited to 18kW per full 43U cabinet.	5 300.00	6 095.00	y	5 300.00	6 095.00	0.00%
	<i>This will apply to any customer that lease more than 10 full cabinet spaces within any switching facility</i>								
FCR	Rack space - 43U full cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] plus secure remote data access availability - Max of 3kW power supply.	Per 43U full cabinet per month or per month pro-rata where a full month does not apply	Subject to availability. Power limited to 18kW per full 43U cabinet.	5 000.00	5 750.00	y	5 000.00	5 750.00	0.00%
	RENTAL OF SWITCHING CENTRE RACK SPACE FOR HOSTING OF SERVER EQUIPMENT (In non-Premium City Switching Facilities)								
	<i>This will apply to customers that lease less than 5 full cabinet spaces within any switching facility</i>								
FCR	Rack space - 43U full cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] plus secure remote data access availability - Max of 18kW power supply.	Per 43U full cabinet per month or per month pro-rata where a full month does not apply	Subject to availability. Power limited to 18kW per full 43U cabinet.			y	4 480.00	5 152.00	
	<i>This will apply to customer that lease between 5 and 10 full cabinet spaces within any switching facility</i>								
FCR	Rack space - 43U full cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] plus secure remote data access availability - Max of 18kW power supply.	Per 43U full cabinet per month or per month pro-rata where a full month does not apply	Subject to availability. Power limited to 18kW per full 43U cabinet.			y	4 240.00	4 876.00	
	<i>This will apply to any customer that lease more than 10 full cabinet spaces within any switching facility</i>								

CORPORATE SERVICES - INFORMATION SYSTEMS & TECHNOLOGY - USE OF TELECOMMUNICATIONS INFRASTRUCTURE									
	SERVICES RENDERED	UNIT	REMARKS	2018/19 Recalculated excl. VAT	2018/19 R incl. VAT	VAT Yes/No	2019/20 Recalculated excl. VAT	2019/20 R incl. VAT	% Increase / decrease
FCR	Rack space - 43U full cabinet in a monitored Switching Facility [inc. power, UPS, access control, ccTV security, fire suppression] plus secure remote data access availability - Max of 3kW power supply.	Per 43U full cabinet per month or per month pro-rata where a full month does not apply	Subject to availability. Power limited to 18kW per full 43U cabinet.			y	4 000.00	4 600.00	
FCR	1 kW power availability license	Per 1 kW power availability license per month or per month pro-rata where a full month does not apply	Guaranteed, uninterruptible, single-phase AC power supplied through dual power feeds to each cabinet. Customer cannot use less than 3kW per full cabinet.	2 300.00	2 645.00	y	2 300.00	2 645.00	0.00%
RENTAL OF HIGH SITES									
FCR	Tower space for co-location of wireless telecommunications transceiver: space on a tower or mast for the co-location of a single transceiver; includes Optic Fibre Pair to associated Switching Facility	Per antenna per month or per month pro-rata where a full month does not apply	Antenna size is limited to 0.90 metres in diameter with a maximum load weight of 50kgs. Transceiver must utilise licensed wavebands only. Subject to availability. Client must have a valid ECS and/or ECNS license.	2 500.00	2 875.00	y	Delete	Delete	
FCR	Tower space for co-location of Mobile equipment: space on a tower or mast for the co-location of a mobile equipment; includes Optic Fibre Pair to associated Switching Facility	Per antenna per month or per month pro-rata where a full month does not apply	The space available for mobile operators(GSM & LTE & Wi Max antennae) will be 1 x 3m section of the tower only. Mobile equipment must utilise licensed wavebands only. Subject to availability. Client must have a valid ECS and/or ECNS license.	2 750.00	3 162.50	y	Delete	Delete	
FCR	Tower space for co-location of wireless telecommunications antenna, or transmitting equipment: space on a tower or mast for the co-location of a single transceiver.	Per antenna per month or per month pro-rata where a full month does not apply	Antenna size is limited to <u>length of less than or equal to 1 metre</u> with width of <u>less than or equal to 0.5 metre</u> with a maximum load weight of 30kgs. Antenna Transceiver must utilise licensed frequency bands only. (GSM & LTE & Wi Max antennae) Subject to availability. Client must have a valid ECS and/or ECNS license.						
			Heights between 12 - 15 metres			y	2 160.00	2 484.00	
			Heights between 9 - 12 metres			y	2 000.00	2 300.00	
			Heights between 6 - 9 metres			y	1 840.00	2 116.00	
FCR	Tower space for co-location of wireless telecommunications antenna, or transmitting equipment: space on a tower or mast for the co-location of a single transceiver.	Per antenna per month or per month pro-rata where a full month does not apply	Antenna size is limited to <u>length of greater than 1 metre and less than or equal to 3 metre</u> with width of <u>less than or equal to 0.5 metre</u> with a maximum load weight of 50kgs. Antenna Transceiver must utilise licensed frequency bands only. (GSM & LTE & Wi Max antennae) Subject to availability. Client must have a valid ECS and/or ECNS license.						

CORPORATE SERVICES - INFORMATION SYSTEMS & TECHNOLOGY - USE OF TELECOMMUNICATIONS INFRASTRUCTURE									
	SERVICES RENDERED	UNIT	REMARKS	2018/19 Recalculated excl. VAT	2018/19 R incl. VAT	VAT Yes/No	2019/20 Recalculated excl. VAT	2019/20 R incl. VAT	% Increase / decrease
			Heights between 12 - 15 metres			y	2 700.00	3 105.00	
			Heights between 9 - 12 metres			y	2 500.00	2 875.00	
			Heights between 6 - 9 metres			y	2 300.00	2 645.00	
	Lease of plinth space for customer to place external RF equipment at City High-site premises.	Cost per square metre per month	Subject to availability and approval of plans by the City.			y	650.00	747.50	
FCR	Tower space for co-location of wireless telecommunications parabolic dish antenna: space on a tower or mast for the co-location of a single transceiver.	Per dish antenna per month or per month pro-rata where a full month does not apply	Dish Antenna diameter size is limited to <u>less than or equal to 1 foot diameter</u> with a maximum load weight of 20kgs. Transceiver must utilise licensed or approved unlicensed frequency bands only. Subject to availability. Client must have a valid ECS and/or ECNS license.						
			Heights between 12 - 15 metres			y	1 620.00	1 863.00	
			Heights between 9 - 12 metres			y	1 500.00	1 725.00	
			Heights between 6 - 9 metres			y	1 380.00	1 587.00	
FCR	Tower space for co-location of wireless telecommunications parabolic dish antenna: space on a tower or mast for the co-location of a single transceiver.	Per dish per month or per month pro-rata where a full month does not apply	Dish Antenna diameter size is limited to <u>greater than 1 foot and equal or less than 2 foot diameter</u> with a maximum load weight of 30kgs. Transceiver must utilise licensed or approved unlicensed frequency bands only. Subject to availability. Client must have a valid ECS and/or ECNS license.						
			Heights between 12 - 15 metres			y	1 998.00	2 297.70	
			Heights between 9 - 12 metres			y	1 850.00	2 127.50	
			Heights between 6 - 9 metres			y	1 702.00	1 957.30	
FCR	Tower space for co-location of wireless telecommunications parabolic dish antenna: space on a tower or mast for the co-location of a single transceiver.	Per dish antenna per month or per month pro-rata where a full month does not apply	Dish Antenna size is limited to <u>greater than 2 foot and less than or equal to 3 foot diameter</u> with a maximum load weight of 40kgs. Transceiver must utilise licensed or approved unlicensed frequency bands only. Subject to availability. Client must have a valid ECS and/or ECNS license.						
			Heights between 12 - 15 metres			y	2 484.00	2 856.60	
			Heights between 9 - 12 metres			y	2 300.00	2 645.00	
			Heights between 6 - 9 metres			y	2 116.00	2 433.40	
FCR	Tower space for co-location of wireless telecommunications transceiver: initial set-up fee	Once-off charge, per antenna	Charged on initial installation of each antenna.	5 300.00	6 095.00	y	5 565.00	6 399.75	5.00%
	METRO ETHERNET CIRCUITS								
FCR	Metro Ethernet circuit - 100Mbps: 100Mbps circuit between any two Switching Facilities. MPLS transport layer, Ethernet interface.	Per circuit per month or per month pro-rata where a full month does not apply	Subject to availability. Client must have a valid ECS or ECNS license.			y			N/A

CORPORATE SERVICES - INFORMATION SYSTEMS & TECHNOLOGY - USE OF TELECOMMUNICATIONS INFRASTRUCTURE									
	SERVICES RENDERED	UNIT	REMARKS	2018/19 Recalculated excl. VAT	2018/19 R incl. VAT	VAT Yes/No	2019/20 Recalculated excl. VAT	2019/20 R incl. VAT	% Increase / decrease
FCR	Metro Ethernet circuit - 1Gbps: 1Gbps circuit between any two Switching Facilities. MPLS transport layer, Ethernet interface.	Per circuit per month or per month pro-rata where a full month does not apply	Subject to availability. Client must have a valid ECS or ECNS license.			y			N/A
FCR	Metro Ethernet circuit - 10Gbps: 10Gbps circuit between any two Switching Facilities. MPLS transport layer, Ethernet interface	Per circuit per month or per month pro-rata where a full month does not apply	Subject to availability. Client must have a valid ECS or ECNS license.			y			N/A
	VIRTUAL PRIVATE CORE NETWORK SERVICES								
	Inter-connection fee		The inter-connection of different customers within City owned switching centres. Customers must also lease rack space and pay for power usage.						
FCR	Once off installation charge	Once-off charge, per antenna	Charged on initial installation of each inter-connection			y	1 000.00	1 150.00	
FCR	Monthly charge for inter-connection where customers are within same switching facility	Per inter-connection per month or per month pro-rata where a full month does not apply	Subject to availability. The inter-connection of two customer within the same City owned switching facility. Both customers must have a valid ECS and/or ECNS license.			y	350.00	402.50	
FCR	Layer 2 VPLS 100Mbps service between Switching Facilities: 100Mbps total core network capacity	Per VPLS per month or per month pro-rata where a full month does not apply	Virtual Private LAN service as defined by IETF RFC 4761. The Client may apply for any number of ports to be added to the VPLS to a maximum of 20. Each port charged separately according to <i>Virtual Private Network Ports</i> Tariff. Each port will be rate-limited to a Committed Information Rate (CIR) agreed to with the Client. The sum of the resulting CIRs may not exceed 100Mbps	6 800.00	7 820.00	y	6 300.00	7 245.00	-7.35%
FCR	Layer 2 VPLS 1Gbps service between Switching Facilities: 1Gbps total network capacity	Per VPLS per month or per month pro-rata where a full month does not apply	Virtual Private LAN service as defined by IETF RFC 4761. The Client may apply for any number of ports to be added to the VPLS to a maximum of 20. Each port charged separately according to <i>Virtual Private Network Ports</i> Tariff. Each port will be rate-limited to a Committed Information Rate (CIR) agreed to with the Client. The sum of the resulting CIRs may not exceed 1Gbps	9 000.00	10 350.00	y	8 500.00	9 775.00	-5.56%

CORPORATE SERVICES - INFORMATION SYSTEMS & TECHNOLOGY - USE OF TELECOMMUNICATIONS INFRASTRUCTURE									
	SERVICES RENDERED	UNIT	REMARKS	2018/19 Recalculated excl. VAT	2018/19 R incl. VAT	VAT Yes/No	2019/20 Recalculated excl. VAT	2019/20 R incl. VAT	% Increase / decrease
FCR	Layer 2 VPLS 1Gbps service between Switching Facilities: 1Gbps total network capacity. Discounted rate if leased whilst the a free 100Mbps service is being provided, for the balance of the 24-month period.	Per VPLS per month or per month pro-rata where a full month does not apply	Virtual Private LAN service as defined by IETF RFC 4761. The Client may apply for any number of ports to be added to the VPLS to a maximum of 20. Each port charged separately according to <i>Virtual Private Network Ports</i> Tariff. Each port will be rate-limited to a Committed Information Rate (CIR) agreed to with the Client. The sum of the resulting CIRs may not exceed 1Gbps			y		Delete	N/A
FCR	Layer 2 VPLS 10Gbps service between Switching Facilities: 10Gbps total network capacity	Per VPLS per month or per month pro-rata where a full month does not apply	Virtual Private LAN service as defined by IETF RFC 4761. The Client may apply for any number of ports to be added to the VPLS to a maximum of 20. Each port charged separately according to <i>Virtual Private Network Ports</i> Tariff. Each port will be rate-limited to a Committed Information Rate (CIR) agreed to with the Client. The sum of the resulting CIRs may not exceed 10Gbps. Subject to availability	45 000.00	51 750.00	y	42 478.26	48 850.00	-5.60%
FCR	Layer 2 VPLS 50Gbps service between Switching Facilities: 5 x 10Gbps total network capacity	Per VPLS per month or per month pro-rata where a full month does not apply	Virtual Private LAN service as defined by IETF RFC 4761. The Client may apply for any number of ports to be added to the VPLS to a maximum of 20. Each port charged separately according to <i>Virtual Private Network Ports</i> Tariff. Each port will be rate-limited to a Committed Information Rate (CIR) agreed to with the Client. The sum of the resulting CIRs may not exceed 50Gbps . Subject to availability.				175 000.00	201 250.00	
FCR	Layer 2 VPLS 100Gbps service between Switching Facilities: 100Gbps total network capacity	Per VPLS per month or per month pro-rata where a full month does not apply	Virtual Private LAN service as defined by IETF RFC 4761. The Client may apply for any number of ports to be added to the VPLS to a maximum of 20. Each port charged separately according to <i>Virtual Private Network Ports</i> Tariff. Each port will be rate-limited to a Committed Information Rate (CIR) agreed to with the Client. The sum of the resulting CIRs may not exceed 100Gbps. Subject to availability.			y	300 000.00	345 000.00	

CORPORATE SERVICES - INFORMATION SYSTEMS & TECHNOLOGY - USE OF TELECOMMUNICATIONS INFRASTRUCTURE									
	SERVICES RENDERED	UNIT	REMARKS	2018/19 Recalculated excl. VAT	2018/19 R incl. VAT	VAT Yes/No	2019/20 Recalculated excl. VAT	2019/20 R incl. VAT	% Increase / decrease
FCR	Layer 3 MPLS VPN 100Mbps service between Switching Facilities: 100Mbps total network capacity	Per VPN per month or per month pro-rata where a full month does not apply	Layer3 Virtual Private Network service over MPLS as defined by IETF RFC 2547. The Client may apply for any number of ports to be added to the VPN to a maximum of 20. Each port charged separately according to Virtual Private Network Ports Tariff. On initial setup, each port will be rate-limited to a Committed Information Rate (CIR) agreed to with the Client. The sum of the resulting CIRs may not exceed 100Mbps. Subject to availability.	9 500.00	10 925.00	y	9 450.00	10 867.50	-0.53%
FCR	Layer 3 MPLS VPN 1Gbps service between Switching Facilities: 1Gbps total network capacity	Per VPN per month or per month pro-rata where a full month does not apply	Layer3 Virtual Private Network service over MPLS as defined by IETF RFC 2547. The Client may apply for any number of ports to be added to the VPN (maximum of 20). Each port charged separately according to Virtual Private Network Ports Tariff. On initial setup, each port will be rate-limited to a Committed Information Rate (CIR) agreed to with the Client. The sum of the resulting CIRs may not exceed 1Gbps. Subject to availability.	12 000.00	13 800.00	y	12 750.00	14 662.50	6.25%
FCR	Layer 3 MPLS VPN 10Gbps service between Switching Facilities: 10Gbps total network capacity	Per VPN per month or per month pro-rata where a full month does not apply	Layer3 Virtual Private Network service over MPLS as defined by IETF RFC 2547. The Client may apply for any number of ports to be added to the VPN to a maximum of 20. Each port charged separately according to Virtual Private Network Ports Tariff. On initial setup, each port will be rate-limited to a Committed Information Rate (CIR) agreed to with the Client. The sum of the resulting CIRs may not exceed 10Gbps. Subject to availability.	55 000.00	63 250.00	y	55 000.00	63 250.00	0.00%
FCR	Layer 3 VPLS 50Gbps service between Switching Facilities: 5 x 10Gbps total network capacity	Per VPN per month or per month pro-rata where a full month does not apply	Layer3 Virtual Private Network service over MPLS as defined by IETF RFC 2547. The Client may apply for any number of ports to be added to the VPN to a maximum of 20. Each port charged separately according to Virtual Private Network Ports Tariff. On initial setup, each port will be rate-limited to a Committed Information Rate (CIR) agreed to with the Client. The sum of the resulting CIRs may not exceed 50Gbps. Subject to availability.			y	220 000.00	253 000.00	

CORPORATE SERVICES - INFORMATION SYSTEMS & TECHNOLOGY - USE OF TELECOMMUNICATIONS INFRASTRUCTURE									
	SERVICES RENDERED	UNIT	REMARKS	2018/19 Recalculated excl. VAT	2018/19 R incl. VAT	VAT Yes/No	2019/20 Recalculated excl. VAT	2019/20 R incl. VAT	% Increase / decrease
FCR	Layer3 MPLS VPN 10Gbps service between Switching Facilities: 100Gbps total network capacity	Per VPN per month or per month pro-rata where a full month does not apply	Layer3 Virtual Private Network service over MPLS as defined by IETF RFC 2547. The Client may apply for any number of ports to be added to the VPN to a maximum of 20. Each port charged separately according to <i>Virtual Private Network Ports</i> Tariff. On initial setup, each port will be rate-limited to a Committed Information Rate (CIR) agreed to with the Client. The sum of the resulting CIRs may not exceed 100Gbps. Subject to availability.			y	385 000.00	442 750.00	
	Virtual Private Network Ports								
FCR	Port on a Virtual Private Network - 100Mbps optical transceiver	Once off per port	Optical port to access a Virtual Private Network, either a Layer2 VPLS or a Layer3 VPN, 100Mbps SFP transceiver	2 600.00	2 990.00	y	2 600.00	2 990.00	0.00%
FCR	Port on a Virtual Private Network - 1Gbps optical transceiver	Once off per port	Optical port to access a Virtual Private Network, either a Layer2 VPLS or a Layer3 VPN, 1Gbps SFP transceiver	5 200.00	5 980.00	y	5 200.00	5 980.00	0.00%
FCR	Port on a Virtual Private Network - 10Gbps optical transceiver	Once off per port	Optical port to access a Virtual Private Network, either a Layer2 VPLS or a Layer3 VPN, 10Gbps SFP transceiver	10 400.00	11 960.00	y	10 400.00	11 960.00	0.00%
FCR	Port on a Virtual Private Network - 100Gbps optical transceiver	Once off per port	Optical port to access a Virtual Private Network, either a Layer2 VPLS or a Layer3 VPN, 100Gbps SFP transceiver			y	220 000.00	253 000.00	
	NETWORK SERVICES - GOVERNMENT ENTITIES INCLUDING EDUCATIONAL INSTITUTIONS								
FCR	Access service - 100Mbps. Fixed wireline (optical fibre). Default service level, Ethernet interface	Per Access Service per month or per month pro-rata where a full month does not apply	Government Entities including Educational Institutions only. Subject to contract terms and conditions including additional payment of installation costs.	7 500.00	8 625.00	y	Delete	Delete	
FCR	Access service - 100Mbps. Fixed wireline (optical fibre). Premium service level, Ethernet interface	Per Access Service per month or per month pro-rata where a full month does not apply	Government Entities including Educational Institutions only. Subject to contract terms and conditions including additional payment of installation costs.	9 500.00	10 925.00	y	Delete	Delete	
FCR	Access service - 1Gbps. Fixed wireline (optical fibre). Default service level, Ethernet interface	Per Access Service per month or per month pro-rata where a full month does not apply	Government Entities including Educational Institutions only. Subject to contract terms and conditions including additional payment of installation costs.	16 500.00	18 975.00	y	Delete	Delete	

CORPORATE SERVICES - INFORMATION SYSTEMS & TECHNOLOGY - USE OF TELECOMMUNICATIONS INFRASTRUCTURE									
	SERVICES RENDERED	UNIT	REMARKS	2018/19 Recalculated excl. VAT	2018/19 R incl. VAT	VAT Yes/No	2019/20 Recalculated excl. VAT	2019/20 R incl. VAT	% Increase/ decrease
FCR	Access service - 1Gbps. Fixed wireline (optical fibre). Premium service level, Ethernet interface	Per Access Service per month or per month pro-rata where a full month does not apply	Government Entities including Educational Institutions only. Subject to contract terms and conditions including additional payment of installation costs.	22 000.00	25 300.00	y	Delete	Delete	
FCR	Access service - 10Gbps. Fixed wireline (optical fibre). Default service level, Ethernet interface	Per Access Service per month or per month pro-rata where a full month does not apply	Government Entities including Educational Institutions only. Subject to contract terms and conditions including additional payment of installation costs.	70 000.00	80 500.00	y	Delete	Delete	
FCR	Access service - 10Gbps. Fixed wireline (optical fibre). Premium service level, Ethernet interface	Per Access Service per month or per month pro-rata where a full month does not apply	Government Entities including Educational Institutions only. Subject to contract terms and conditions including additional payment of installation costs.	80 000.00	92 000.00	y	Delete	Delete	
FCR	Access service - 10Mbps. Fixed wireless. Default service level, Ethernet interface	Per Access Service per month or per month pro-rata where a full month does not apply	Government Entities including Educational Institutions only. Subject to contract terms and conditions including additional payment of installation costs.	10 000.00	11 500.00	y	Delete	Delete	
FCR	Access service - 10Mbps. Fixed wireless. Premium service level, Ethernet interface	Per Access Service per month or per month pro-rata where a full month does not apply	Government Entities including Educational Institutions only. Subject to contract terms and conditions including additional payment of installation costs.	13 500.00	15 525.00	y	Delete	Delete	
FCR	Access service - 50Mbps. Fixed wireless. Default service level, Ethernet interface	Per Access Service per month or per month pro-rata where a full month does not apply	Government Entities including Educational Institutions only. Subject to contract terms and conditions including additional payment of installation costs.	11 500.00	13 225.00	y	Delete	Delete	
FCR	Access service - 50Mbps. Fixed wireless. Premium service level, Ethernet interface	Per Access Service per month or per month pro-rata where a full month does not apply	Government Entities including Educational Institutions only. Subject to contract terms and conditions including additional payment of installation costs.	20 000.00	23 000.00	y	Delete	Delete	
FCR	Access service - 100Mbps. Fixed wireless. Default service level, Ethernet interface	Per Access Service per month or per month pro-rata where a full month does not apply	Government Entities including Educational Institutions only. Subject to contract terms and conditions including additional payment of installation costs.	17 500.00	20 125.00	y	Delete	Delete	
FCR	Access service - 100Mbps. Fixed wireless. Premium service level, Ethernet interface	Per Access Service per month or per month pro-rata where a full month does not apply	Government Entities including Educational Institutions only. Subject to contract terms and conditions including additional payment of installation costs.	26 000.00	29 900.00	y	Delete	Delete	

CORPORATE SERVICES - INFORMATION SYSTEMS & TECHNOLOGY - USE OF TELECOMMUNICATIONS INFRASTRUCTURE									
	SERVICES RENDERED	UNIT	REMARKS	2018/19 Recalculated excl. VAT	2018/19 R incl. VAT	VAT Yes/No	2019/20 Recalculated excl. VAT	2019/20 R incl. VAT	% Increase / decrease
	NETWORK SERVICES - All licenced entities								
FCR	Access service Layer 2 - 100Mbps. Fixed wireline (optical fibre). Default service level, Ethernet interface	Per Access Service per month or per month pro-rata where a full month does not apply	A managed network service from the customers premises to any City of Cape Town swithcing facility. Subject to availability and financial viability. Client must have a valid ECS and/or ECNS license. Terms and conditions apply. Subject to availability.			y	8 800.00	10 120.00	
FCR	Access service layer 2 - 100Mbps. Fixed wireline (optical fibre). Premium service level, Ethernet interface	Per Access Service per month or per month pro-rata where a full month does not apply	A managed network service from the customers premises to any City of Cape Town swithcing facility. Subject to availability and financial viability. Client must have a valid ECS and/or ECNS license. Terms and conditions apply. Subject to availability.			y	11 000.00	12 650.00	
FCR	Access service Layer 3 - 100Mbps. Fixed wireline (optical fibre). Default service level, Ethernet interface	Per Access Service per month or per month pro-rata where a full month does not apply	A managed network service from the customers premises to any City of Cape Town swithcing facility. Subject to availability and financial viability. Client must have a valid ECS and/or ECNS license. Terms and conditions apply. Subject to availability.			y	11 440.00	13 156.00	
FCR	Access service layer 3 - 100Mbps. Fixed wireline (optical fibre). Premium service level, Ethernet interface	Per Access Service per month or per month pro-rata where a full month does not apply	A managed network service from the customers premises to any City of Cape Town swithcing facility. Subject to availability and financial viability. Client must have a valid ECS and/or ECNS license. Terms and conditions apply. Subject to availability.			y	14 300.00	16 445.00	
FCR	Access service Layer 2- 1Gbps. Fixed wireline (optical fibre). Default service level, Ethernet interface	Per Access Service per month or per month pro-rata where a full month does not apply	A managed network service from the customers premises to any City of Cape Town swithcing facility. Subject to availability and financial viability. Client must have a valid ECS and/or ECNS license. Terms and conditions apply. Subject to availability.			y	15 000.00	17 250.00	
FCR	Access service layer 2 - 1Gbps. Fixed wireline (optical fibre). Premium service level, Ethernet interface	Per Access Service per month or per month pro-rata where a full month does not apply	A managed network service from the customers premises to any City of Cape Town swithcing facility. Subject to availability and financial viability. Client must have a valid ECS and/or ECNS license. Terms and conditions apply. Subject to availability.			y	18 750.00	21 562.50	
FCR	Access service Layer 3 - 1Gbps. Fixed wireline (optical fibre). Default service level, Ethernet interface	Per Access Service per month or per month pro-rata where a full month does not apply	A managed network service from the customers premises to any City of Cape Town swithcing facility. Subject to availability and financial viability. Client must have a valid ECS and/or ECNS license. Terms and conditions apply.			y	19 500.00	22 425.00	

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	SERVICES RENDERED	UNIT	REMARKS	2018/19 Recalculated excl. VAT	2018/19 R incl. VAT	VAT Yes/No	2019/20 Recalculated excl. VAT	2019/20 R incl. VAT	% Increase / decrease
FCR	Access service layer 3 - 1 Gbps. Fixed wireline (optical fibre). Premium service level, Ethernet interface	Per Access Service per month or per month pro-rata where a full month does not apply	A managed network service from the customers premises to any City of Cape Town switching facility. Subject to availability and financial viability. Client must have a valid ECS and/or ECNS license. Terms and conditions apply.			y	24 375.00	28 031.25	
	HOSTED SOFTSWITCH SERVICE		Provision of SIP device (Telephone etc.), connectivity and PABX features on the City of Cape Town's Broadworks Softswitch to government entities which are connected to the City of Cape Town's MPLS network.						
FCR	Activation fee	Per activation once-off	Once-off activation fee for each new Broadsoft user.			y	75.00	86.25	
FCR	Setup fee - Technician	Per setup hour	Recovery of costs incurred in setting up a hosted softswitch service.			y	500.00	575.00	
FCR	Setup fee - Engineer specialist	Per setup hour	Recovery of costs incurred in setting up a hosted softswitch service.			y	1 250.00	1 437.50	
FCR	Softswitch rental: PRI rental	Per trunk per month or per month pro-rata where a full month does not apply	A telecommunications interface standard used on an Integrated Services Digital Network (ISDN) for carrying multiple DSO voice and data transmissions between the City's managed softswitch and a user PBX. Includes a monthly TMS cost report per PBX. Subject to availability.			y	1 500.00	1 725.00	
FCR	Softswitch rental: BRI rental	Per trunk per month or per month pro-rata where a full month does not apply	An Integrated Services Digital Network (ISDN) configuration intended primarily for use in subscriber lines similar to those that have long been used for voice-grade telephone service. Includes a monthly TMS cost report per PBX. Subject to availability.			y	350.00	402.50	
FCR	Softswitch rental: SIP channel	Per channel per month or per month pro-rata where a full month does not apply	SIP is a signaling communications protocol, widely used for controlling multimedia communication sessions such as voice and video calls over Internet Protocol (IP) networks. Includes a monthly TMS cost report per PBX. Subject to availability.			y	50.00	57.50	

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FCR	Enterprise reception service	Per user licence per month or per month pro-rata where a full month does not apply	Enterprise switchboard - carrier-class, lightweight desktop communications management product for everyday users of Microsoft Outlook, Microsoft Internet Explorer, or Mozilla Firefox. Users can manage incoming and outgoing calls, maintain up-to-date connection information, and configure controls on calls and voice mail. Includes a monthly TMS cost report per user licence. Subject to availability.			y	1 400.00	1 610.00	
FCR	Small Business reception service	Per user licence per month or per month pro-rata where a full month does not apply	Small business switchboard - An attendant console for use by receptionists or telephone attendants who manage and screen inbound calls for enterprises. Includes a monthly TMS cost report per user licence. Subject to availability.			y	900.00	1 035.00	
FCR	Call Centre Standard service	Per user licence per month or per month pro-rata where a full month does not apply	A Standard call center is designed to support a normal call center environment where flexible routing options are needed and the agent's workflow dictates the need for ACD states such as Available, Unavailable, and Wrap-up. In addition, Standard call centers are designed to support deployments that require clients such as the BroadWorks Agent client and Reporting. Any user with a Standard or Premium call center license can be assigned to a Standard call center. Includes a monthly TMS cost report per user licence. Subject to availability.			y	400.00	460.00	

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	SERVICES RENDERED	UNIT	REMARKS	2018/19 Recalculated excl. VAT	2018/19 R incl. VAT	VAT Yes/No	2019/20 Recalculated excl. VAT	2019/20 R incl. VAT	% Increase / decrease
FCR	Call Centre Premium Service	Per user licence per month or per month pro-rata where a full month does not apply	A Premium call center is designed to provide the most advanced set of routing and call management options to support a formal call center environment. It supports such capabilities as multiple dialed number identification service (DNIS) numbers being assigned to a single call center, agent skill levels for directing calls to more skilled agents, additional unavailable codes for when agents are not able to take calls, and disposition codes to associate with ACD calls, outbound calling, and silent monitoring of agents. Only users with a Premium call center license can be assigned to a Premium call center. Includes a monthly TMS cost report per user licence. Subject to availability.			y	600.00	690.00	
FCR	Call Centre Agent	Per user licence per month or per month pro-rata where a full month does not apply	A Basic call center is designed to support a simple call distribution and queuing scenario, such as a front-office receptionist or a small work group. Inbound calls are distributed based on the agent's line state and "join" status. Callers receive appropriate entrance and queue messages, and calls can overflow to alternate locations if they wait too long in queue or if the queue is beyond capacity. Any user with a call center license can be assigned to a Basic call center. This type of call center does not support Agent ACD states, BroadWorks Agent client, or Reporting. Includes a monthly TMS cost report per user licence. Subject to availability.			y	600.00	690.00	

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	SERVICES RENDERED	UNIT	REMARKS	2018/19 Recalculated excl. VAT	2018/19 R incl. VAT	VAT Yes/No	2019/20 Recalculated excl. VAT	2019/20 R incl. VAT	% Increase / decrease
FCR	Call Centre Supervisor	Per user licence per month or per month pro-rata where a full month does not apply	A user who is assigned to be a supervisor for a BroadWorks Call Center can have two roles, that of a team lead and that of a supervisor. In each case, the user is assigned to be a supervisor for a call center and is assigned to supervise a specific list of agents. Any user in the group or enterprise can be assigned to be a supervisor of a call center. No call center user license is required for a supervisor, except for the BroadWorks Supervisor license (to use the BroadWorks Supervisor client). However, it is recommended that supervisors have the equivalent of a Premium Enterprise feature set assigned to them. Includes a monthly TMS cost report per user licence.			y	1 200.00	1 380.00	
FCR	Business line	Per user licence per month or per month pro-rata where a full month does not apply	A BroadWorks managed PBX/IP Centrex is an application of BroadWorks that allows service providers to deliver PBX or Key system functionality to an enterprise without the associated capital, lease, or maintenance costs of a premises-based telephony system. Includes a monthly TMS cost report per user licence. Subject to availability.			y	300.00	345.00	
FCR	Standard line	Per user licence per month or per month pro-rata where a full month does not apply	A BroadWorks managed PBX/IP Centrex is an application of BroadWorks that allows service providers to deliver PBX or Key system functionality to an enterprise without the associated capital, lease, or maintenance costs of a premises-based telephony system. Includes a monthly TMS cost report per user licence. Functions include all functions available for standard line plus: Anonymous Call Rejection, Automatic Callback, Call Me Now, Diversion Inhibitor, Do Not Disturb, Group Night Forwarding, Hoteling Guest, Speed Dial 100 and Speed Dial 8. Subject to availability.			y	350.00	402.50	

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FCR	Premium line	Per user licenceper month or per month pro-rata where a full month does not apply	A BroadWorks managed PBX/IP Centrex is an application of BroadWorks that allows service providers to deliver PBX or Key system functionality to an enterprise without the associated capital, lease, or maintenance costs of a premises-based telephony system. Includes a monthly TMS cost report per user licence. Features include all those found in business and standard plus: Alternate Numbers, Automatic Hold/Retrieve, Busy Lamp Field, Call Center Monitoring, Call Forwarding Selective, Call Notify, Custom Ringback User, Custom Ringback User - Video, Directed Call Pickup, Directed Call Pickup with Barge-In, Executive/Executive-Assistant, Hoteling Host, MOH/VOH Enhancement (user), N-Way Call, Pre-alerting Announcement, Priority Alert, Push to Talk, Selective Call Acceptance, Selective Call Rejection, Shared Call Appearance 10+ and Virtual On_net Enterprise Extensions. Subject to availability.			y	400.00	460.00	
FCR	Gateway device rental	Per gateway per month or per month pro-rata where a full month does not apply	Rental of a BRI and PRI capable gateway to convert SIP to PRI or BRI or interface with the client's PBX to be located on clients premises. Client to provide facility and power for gateway. Subject to availability.			y	1 700.00	1 955.00	
FCR	Call usage cost	Based on actual call costs paid to external telco company	The tariff for the recovery of actual call usage costs.			y	1.00	1.15	