

Item
746

CO-LOCATION ARRANGEMENTS FOR INTERCONNECTING CANADIAN CARRIERS

1. General:

Co-location is an arrangement which provides for access to and use of certain central office building space, associated power and environmental conditioning to locate the Interconnecting Carrier's (IC's) transmission equipment and fibre facilities from a point outside the Company's central office to an identified Point of Termination/Demarcation within the Company's central office for the purpose of interconnecting with the Company's services.

Co-location arrangements will be provided in central office buildings in Whitehorse, Yellowknife, Fort Nelson and Iqaluit subject to appropriate space and facilities as available as determined by the Company.

Co-location provides for the following:

- a) a licence to use Company conduit/riser space for the placement of the IC's fibre optic cable from a point outside the central office into the central office vault and from the vault to the IC's transmission equipment in the central office;
- b) a licence to use central office floor space for the placement of the IC's transmission equipment to interconnect with Company services; and
- c) provision of appropriate electrical power and environmental conditioning to operate the IC's transmission equipment.

Central office space is provided on the basis of physical co-location agreements as defined in Item 746.2.

2. Definitions:

"Interconnecting Carrier" refers to an Interconnecting Carrier who is duly registered with the CRTC and who has signed an Interconnection Agreement with the Company. For purposes of this tariff Item, IC also refers to:

"Point of Termination/Demarcation" refers to the point of connection where a Company-provided cable interconnects with the interconnecting Carrier's transmission equipment.

"Transmission Equipment" refers to equipment, with no switching or processing capability, necessary to provide a transmission path between Company services and the Interconnecting Carrier's services or facilities.

Physical Co-location:

"Type 1 Co-location" provides the IC with segregated floor space and secure access to that space within the Company central office with floor space segregated from that occupied by the Company, for the location of the IC's transmission equipment. Access to this area by the IC's personnel or contractor, who have been approved by the Company, is permitted without a Company escort where secure access arrangements are in place. If at any time it is not possible to provide a secure access arrangement into the segregated floor space and where personnel or contractor, who have been approved by the Company, is only permitted with a Company escort.

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746 CO-LOCATION ARRANGEMENTS FOR INTERCONNECTING CANADIAN CARRIERS (cont'd)

2. Definitions (cont'd)

“**Type 2 Co-location**” provides the IC with desegregated floor space within the central office for the purpose of locating the IC’s transmission equipment. Where permitted by the Company, access to this area by the IC’s personnel or contractor, who have been approved by the Company, is only permitted with a Company escort.

3. Terms and Conditions

Co-location is provided under the terms and conditions defined in this item and in a central Office Licence Agreement (the Agreement) between the Company and the Interconnecting Carrier.

Physical Co-location is offered only where appropriate floor space, facilities and necessary resources are available in the central office in question after the current and future needs of the Company are taken into account. These facilities and resources include, for example, adequate entrance ducts, riser space and power. Requests for co-location will be accommodated on a first-come, first-serve basis, based on the date of a completed application for co-location.

The IC has overall responsibility for monitoring the performance of all facilities and equipment on the IC’s side of the Point of Termination/Demarcation. The Company does not assume responsibility for the design, engineering, testing or performance of the end-to-end services operated or offered by the IC. In order to ensure that the Company’s operational guidelines and installation, equipment, transmission, electrical, labour and safety standards or codes and any other conditions specified in the Central office Licence Agreement are maintained, the Company upon reasonable notice, has the right to inspect the IC’s installation of equipment and facilities and to ensure compliance when required.

The IC is responsible for providing the fibre facility from its Point of Presence or other location to a point outside the Company central office, designated by the Company. This point is usually at or near the entrance manhole (the last manhole before the central office).

The IC is also responsible for providing the fibre facility from the point outside the central office, designated by the Company, which is usually at or near the entrance manhole, up to the transmission equipment on which it is to be terminated.

The Company reserves the right to install the IC’s cable between the entrance manhole and the cable vault and from the vault to the Point of Termination/Demarcation in the central office at the rates specified in Items 746.4.d.13.

Where permitted by the Company, the IC’s personnel or contractor, who have been approved by the Company, is responsible to pull the IC’s fibre cable into the duct between the manhole and the cable vault and riser and splice the fibre where required. The IC must pay for a Company escort during this operation, see Item 746.4.d.12.

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The IC provided equipment that is permitted in the central office is limited to transmission equipment as defined in Item 746.2. This transmission equipment must interconnect with the Company's service(s) in accordance with transmission rates and other applicable standards associated with those services in that central office.

IC's are required to meet all standards, regulatory requirements, Company operating procedures and requirements, safety and labour codes and security standards as specified by the Company in the Agreement.

The Company is not liable for any act or omission on the part of the IC or its employees, agents or contractors arising from or associated with the furnishing of service by the IC to its customers.

When requested, the Company will provide a second cable entrance for the IC's cable into the central office where such second entrance exists and where capacity is available. Items 746.4.d.2 to 746.4.d.5

The Company will offer physical Type 1 and Type 2 co-location arrangements in the same central office where appropriate space and facilities are available as determined by the Company.

4. Rates and Charges**a) General**

A monthly rate applies for the lease of conduit/riser space used for the placement of the IC's fibre optic cable as specified in Item 746.4.d.2 and 746.4.d.5.

A service order charge applies and provides for the processing of the service order associated with a request for co-location. The service order charge will be applied to each request for a new co-location arrangement or for any changes or additions to existing co-location arrangements. Refer to Item 746.4.d.1 for this non-recurring charge.

An application charge per requested location applies and provides for preliminary work needed to determine whether co-location can be provided to meet the IC's request. See Item 746.4.d.6 for the non-recurring charge.

A project management fee applies and provides for all associated administration, design and engineering tasks required to accommodate an IC's request for co-location. This fee is based on the costs incurred as specified in Item 746.4.d.8.

A site preparation fee applies for Type 2 Co-location, (desegregated space). This fee includes such items as preconditioning, additional riser and cable racking to accommodate the IC in the central office. The fee is based on the costs incurred as specified in Item 746.4.d.11 and will be quoted to the IC.

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746 CO-LOCATION ARRANGEMENTS FOR INTERCONNECTING CANADIAN CARRIERS (cont'd)

4. Rates and Charges (cont'd)

a) General (cont'd)

The IC is responsible for any costs incurred by the Company to prepare the central office for the installation of the IC's transmission equipment. Costs may include, but are not limited to, such items as preconditioning of central office space and/or equipment as well as any cabling or wiring requirements. The non-recurring charges, where applicable, will be estimated and quoted in advance and charged based upon the costs incurred to accommodate the IC's equipment. See Item 746.4.d.9, 746.4.d.10 and 746.4.d.11.

The IC will bear all construction/design costs incurred and committed to by the Company from the date of a request to the date of the cancellation of the request should the IC cancel its request for co-location prior to implementation.

The Company provides the electrical power necessary to operate the IC's transmission equipment at the rates and charges specified in Item 746.4.d.4. In addition, a power delivery charge applies as specified in Item 746.4.d.7.

b) Type 1

In Type 1 Co-location the installation and maintenance of IC's transmission equipment will be performed by the IC's personnel or contractor, who have been approved by the Company, in accordance with Company operational guidelines.

The IC's requesting Type 1 Co-location will be accommodated on a first-come, first-serve basis, based on the date of application for co-location, in increments of one square metre to a maximum of 20 square metres per central office location. The Company reserves the right to determine the shape and specific location of the central office floor space provided. Refer to Item 746.4.d.3 for rates and charges.

A construction fee applies for any central office modifications required to enable the Company to provide Type 1 Co-location. This fee covers the costs of building modifications which are necessitated by the provision of Type 1 Co-location to all ICs in a particular central office. The first IC to obtain Type 1 Co-location at a specific central office will be charged all of the costs to modify that specific central office. If more than one IC obtains co-location service at a specific central office at the same time, the costs will be shared equally. If, within a period of 60 months of the Type 1 Co-location by the first IC, additional ICs obtain Type 1 Co-location at the same central office they will be charged a proportionate share of the initial costs and this recovered amount will be reimbursed equally to the IC(s) with Type 1 Co-location already in that central office. The construction fee may include, but is not limited to costs for such items as perimeter walls, additional riser requirements, lighting and environmental conditioning and securing Company property in the central office.

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The fee will be determined based on the costs incurred as specified in Item 746.4.d.9.

In addition, a second construction fee applies to install a secured enclosure (such as a large cage) when requested by the IC. The fee for this element will also be determined by the Company on a cost incurred basis and will be quoted to the IC as specified in Item 746.4.d.10.

c) Type 2

Type 2 Co-location provides for the following:

The installation, maintenance and repair of the IC provided transmission equipment will be provided by the IC's personnel or contractor, who has been approved by the Company, subject to Company operational procedures and guidelines and under Company escort at the applicable labour rates, see Item 746.4.d.12.

The Company may, at its discretion, offer Type 1, Type 2 or both physical co-location arrangements.

The IC has overall responsibility for the performance of its facilities and equipment, including responsibility for remote surveillance, diagnostics and sectionalization of trouble.

The Company reserves the right to limit the available floor space assigned to each IC in each central office location where Type 2 Co-location is offered.

Those ICs requesting Type 2 Co-location will also be accommodated on a first-come, first-serve basis based on the date of application for Co-location.

The monthly rate applies for each 2.3 metre high by .6 metre wide IC provided equipment bay installed and reserved. Refer to Item 746.4.d.3 for rates and charges.

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4. Rates and Charges (cont'd)

d) Rates and Charges

The Company's rates and charges are as follows:	Monthly Rate	Non-Recurring
1. Service Order Charge (per order per central office)	\$	\$ 185.00
2. Entrance Conduit (per metre or fraction, each cable)	0.16	
3. Floor Space (square metre of desegregated or segregated space)	26.30	
4. Power Consumption (per fuse amp)		
a) 48 Volt DC	13.75	
b) 120 Volt AC	11.85	
c) 120 Volt AC (with generator back up)	23.50	
5. Riser Space (per metre per cable)	0.40	
6. Application Charge (per request per central office)		1,600.00
7. Power Delivery (Notes 3, 4 & 5)		Note 1
8. Project Management Fee (per central office) (Notes 3, 4 & 5)		Note 1
9. Construction Fee (building modification) (Notes 3, 4 & 5)		Note 1
10. Construction Fee (enclosure) (Notes 3, 4 & 5)		Note 1
11. Site Preparation Fee (Notes 3, 4 & 5)		Note 1
12. Escort (Notes 3, 4 & 5)		Notes 1 & 2
13. Cable Pulling/Splicing (Notes 3, 4 & 5)		Notes 1 & 2

Note 1: The charges are based on costs incurred

Note 2: Premium rates as specified in the agreement apply for custom response times

Note 3: For the first hour or fraction thereof of work performed during "normal working hours" – Tariff CRTC 3001 Item 305.4.a

Note 4: For each additional 15 minutes or fraction thereof – Tariff CRTC 3001 Item 305.4.b

Note 5: For work done on call-out basis entirely outside of normal working hours – Tariff CRTC 3001 Item 305.5.b

For explanation of symbols see Page 1

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