Chapter 2

Procedures Before the Start of Interconnection

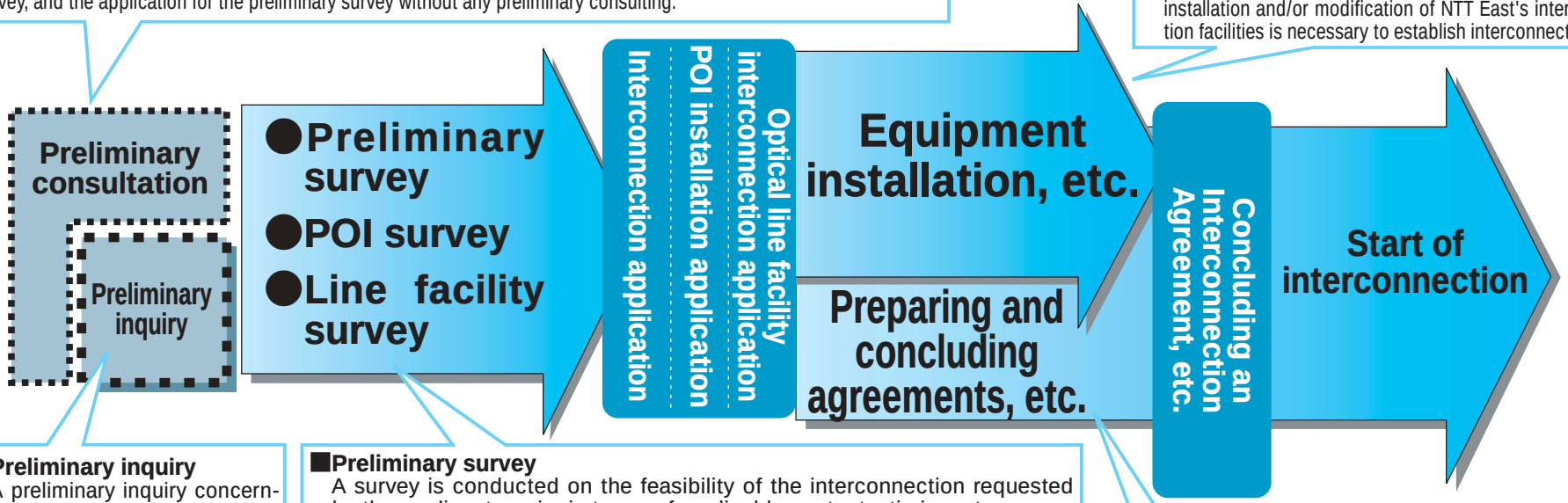
I Outline of Procedures from Survey to Interconnection Start

The procedures for establishing interconnection to NTT East networks consist of three phases: ① from the preliminary survey, POI survey and line facility survey to the application for interconnection, ② work-related procedures such as the installation of equipment, and ③ the preparation and conclusion of the Interconnection Agreement, etc.

■Preliminary consultation
This free-of-charge consulting is not part of the procedures stipulated in the Articles of Agreement Concerning Interconnection, but is provided at the request of applicant carriers to enable them to have full knowledge about the interconnection process and to facilitate the smooth implementation of subsequent interconnection negotiations.
As this preliminary consulting is not part of the essential procedures, applicant carriers that do not wish to participate in this process can start such procedures as the application for the POI survey, the application for the line facility survey, and the application for the preliminary survey without any preliminary consulting.

■Installation of applicant carrier's facilities
Options for self-undertaken work by applicant carriers and work consigned to NTT East are both available.

■Installation and/or modification of NTT East's interconnection facilities
This work is implemented on an individual basis when the installation and/or modification of NTT East's interconnection facilities is necessary to establish interconnection.



■Preliminary inquiry
A preliminary inquiry concerning pertinent information with respect to the NTT East communications building, etc., in which collocation is planned, and appropriate information concerning the interconnection to optical fiber facilities.
(This is not part of the essential procedures.)

■Preliminary survey
A survey is conducted on the feasibility of the interconnection requested by the applicant carrier in terms of applicable contents, timing, etc.

■Point of interconnection (POI) survey
A survey is conducted on the feasibility of the installation of the applicant carrier's facilities in the NTT East communications building, etc.

■Line facility survey
A survey is conducted on the availability of optical fiber facilities for which usage is requested by the applicant carrier in terms of the number of cores and the interconnection start timing.

∗It is possible to simultaneously apply for these surveys. (A preliminary inquiry can also be made simultaneously.)

■Interconnection Agreement
This contract concerning interconnection is entered into by and between the relevant carriers.

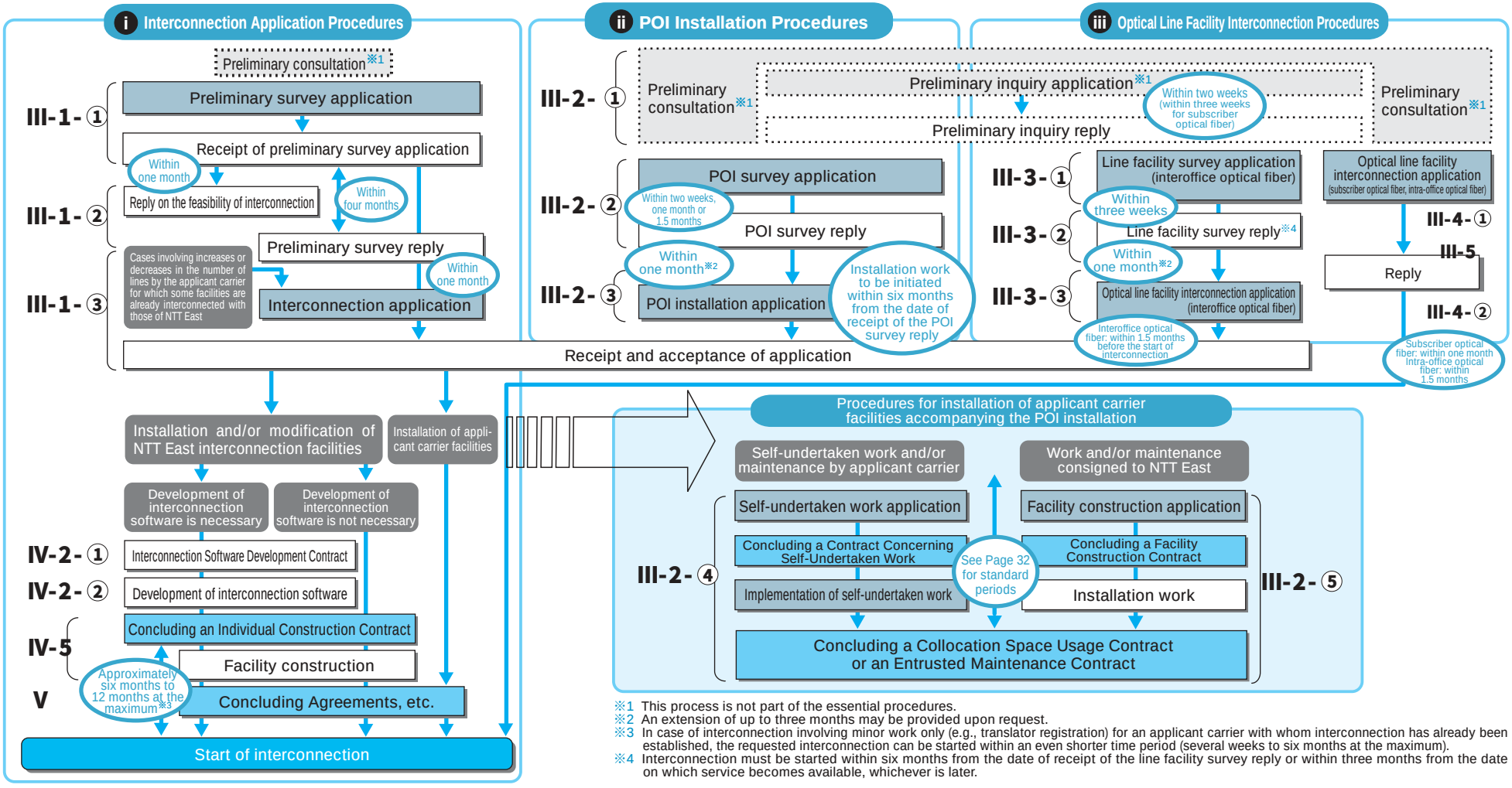
■Particulars based on the Interconnection Agreement
This contract stipulates specific matters concerning charge settlement and maintenance after the start of interconnection.

If any conditions other than those stipulated in the Articles of Agreement Concerning Interconnection are requested, a development period is required to realize the specific conditions (functions) that are requested. (See Pages 42 to 47.)

II Interconnection Procedures (Overall Flow)

Interconnection procedures are as described below. The necessary procedures vary depending on the requested pattern of interconnection, as not all procedures are required in every case. Those procedures marked with ⓘ ⓘⓘ, ⓘⓘⓘ can be carried out simultaneously.

[Legend]
- Applicant carrier procedures
- NTT East procedures
- Contract

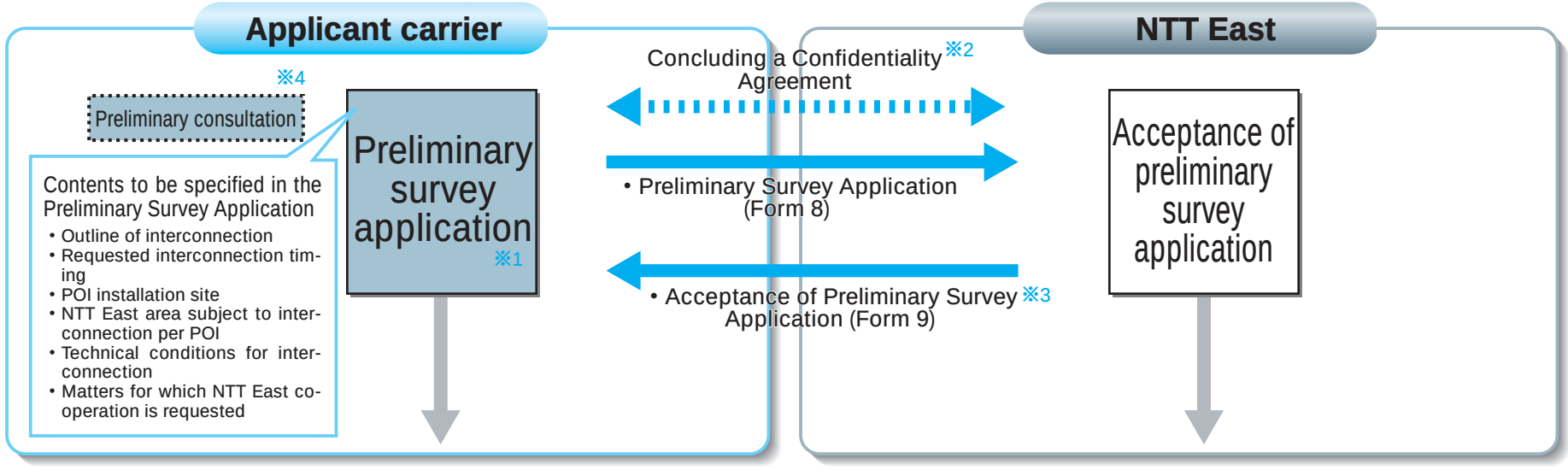


※1 This process is not part of the essential procedures.
※2 An extension of up to three months may be provided upon request.
※3 In case of interconnection involving minor work only (e.g., translator registration) for an applicant carrier with whom interconnection has already been established, the requested interconnection can be started within an even shorter time period (several weeks to six months at the maximum).
※4 Interconnection must be started within six months from the date of receipt of the line facility survey reply or within three months from the date on which service becomes available, whichever is later.

III－1－① Preliminary Survey Application

In establishing interconnection to NTT East communications facilities, applicant carriers are first requested to submit a Preliminary Survey Application that details the requested conditions. On the basis of he contents of this application, NTT East will conduct a survey concerning interconnection conditions, possible interconnection timing, whether any modifications will be required to NTT East facilities, and the approximate costs.

☞ See Articles 11 and 12 of the Articles of Agreement Concerning Interconnection



Explanation

※1 ①Eligible applicants for preliminary surveys are limited to telecommunications carriers.
✱Entities other than telecommunications carriers must obtain registration of telecommunications business or submit such notification by the time an agreement is concluded.
②Please complete all required items in the application form.
③A preliminary survey application, a POI survey application and a line facility survey application can be submitted simultaneously.

※2 We will provide whatever information is necessary to complete the Preliminary Survey Application, the POI Survey Application and the Line Facility Survey Application. With respect to applicant carriers with whom we are initiating discussions for the first time, please note that it is necessary to conclude a Confidentiality Agreement in providing information related to NTT East security matters and intellectual property rights. We will also handle applicant carrier information that is acquired in the course of discussions concerning interconnection in accordance with a Confidentiality Agreement.

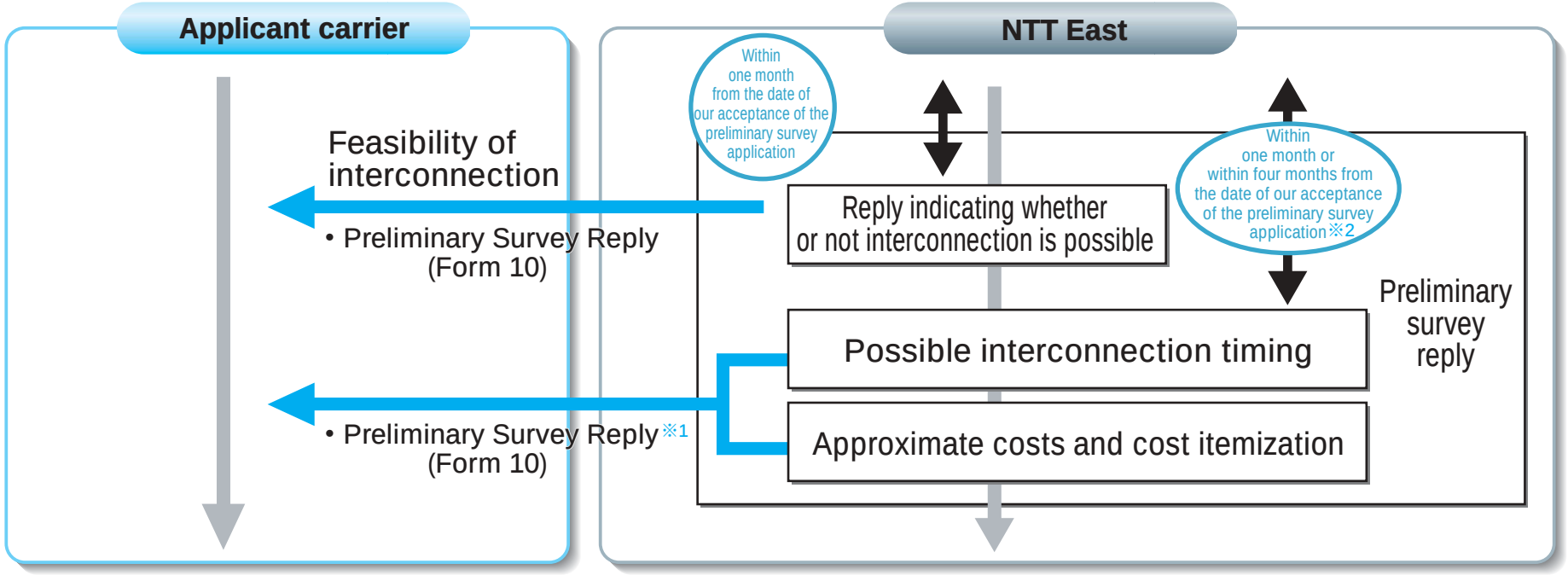
※3 NTT East will accept an application upon confirming that all necessary items have been completed, and will issue a document indicating the acceptance date. In case two or more applications are accepted which request the same interconnection timing and/or involve the interconnection of overlapping facilities, the surveys will be conducted in the order in which the applications are received.

※4 We will provide consultation (free-of-charge) at the request of an applicant carrier. Specifically, we will provide consultation about any questions, etc., in completing application forms for a preliminary survey, a POI survey and a line facility survey. (Please see Page 53 for contact numbers.)
As this preliminary consulting is not part of the essential procedures, applicant carriers that do not wish to participate in this process can start the procedures for the preliminary survey application without any preliminary consulting.

III－1－② Feasibility of Interconnection and Preliminary Survey Reply

Within one month of the acceptance of the preliminary survey application, NTT East will provide a reply indicating whether or not interconnection is possible. Follow-up information including the possible interconnection timing, the approximate costs required and an itemization of such costs will be provided in our reply within one month or within four months from the date of our acceptance of the preliminary survey application.

☞ Article 13 of the Articles of Agreement Concerning Interconnection



Explanation

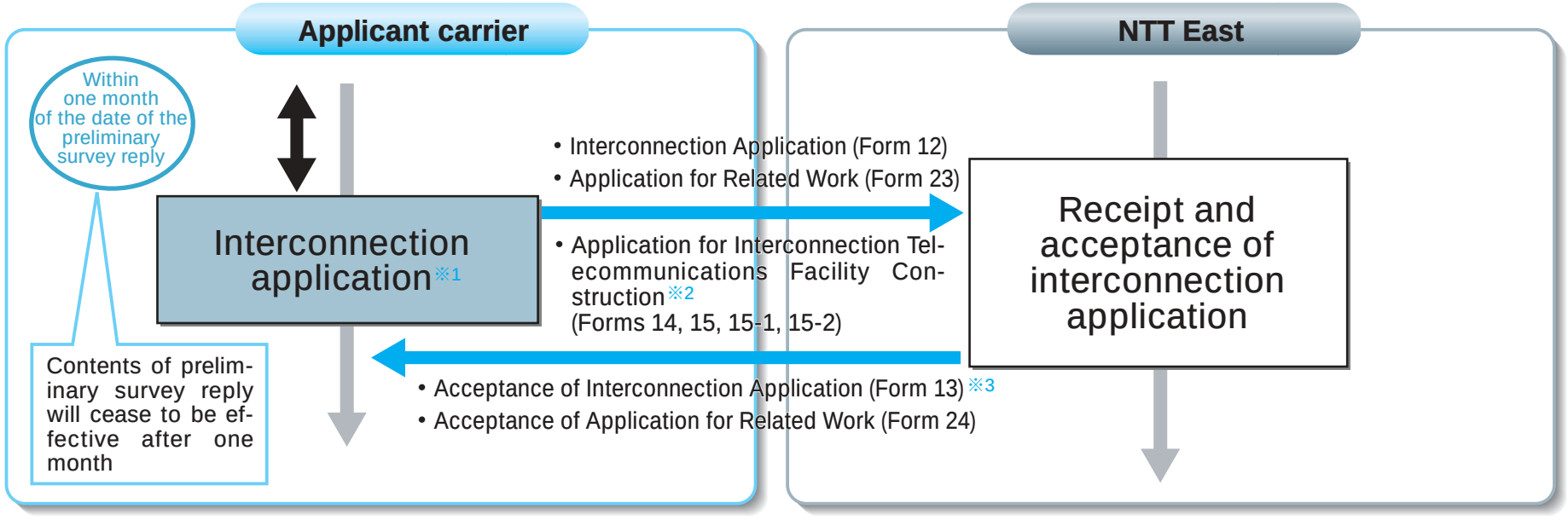
※1 ①The reply will include the possible timing for interconnection under the requested conditions indicated in the Preliminary Survey Application, the approximate costs required and the itemization of such costs.
If the preliminary survey reveals that there is no need for the installation or modification of NTT East facilities (including software), a reply indicating this will be provided in addition to a statement specifying the feasibility of interconnection.
②In case the possible interconnection timing substantially exceeds the standard interconnection period, we will specify the reasons for this delay in our reply.

※2 The reply will be provided within one month of the preliminary survey application in case there is no need for the installation or modification of the designated telecommunications facilities (including software) of NTT East, and within four month in case such installation or modification is necessary. Moreover, when the installation or modification of NTT East's telecommunications facilities is necessary, a period exceeding four months may be required before providing a reply depending on the scale of such work.

III－1－③ Interconnection Application

Within one month of the preliminary survey reply, please submit a formal interconnection application pursuant to the conditions outlined in our reply.
NTT East will accept and initiate interconnection procedures in the order in which applications are received.

☞ Articles 21 through 25, Articles 29 and 37 of the Articles of Agreement Concerning Interconnection



Explanation

※1 We consider the Interconnection Application as constituting the applicant carrier's formal declaration of its intent to establish interconnection with the NTT East networks.

※2 Please specify the POI installation site, the number of connected lines per POI and the requested service start timing. Please complete these entries on the basis of the POI survey results.

※3 Interconnection applications are accepted in the order in which they are received except for the following cases. Applicant carriers will be notified in writing when the application is accepted. In case an application cannot be accepted, we will provide written notification explaining the reasons.

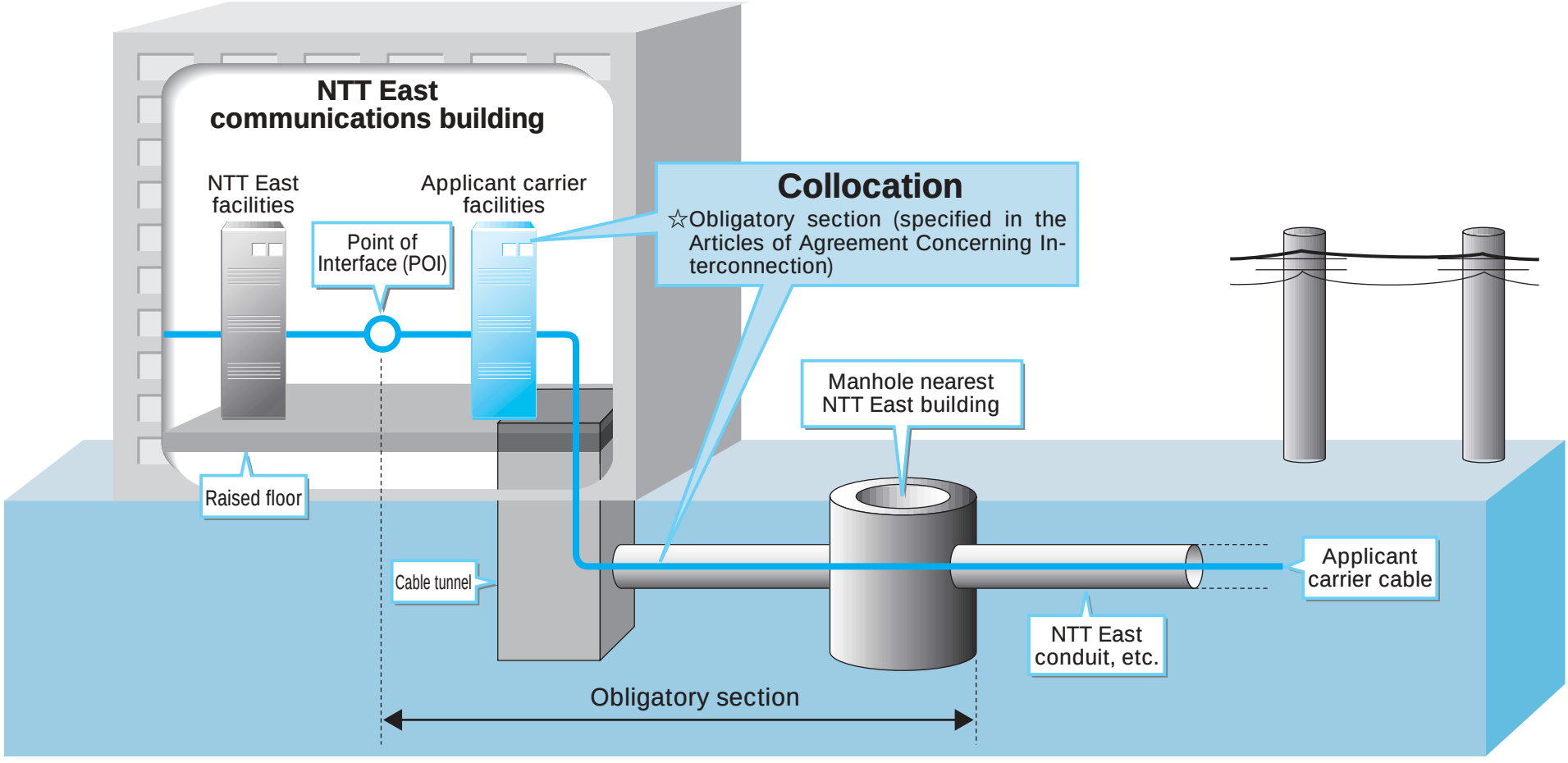
(1) Cases raising any concern that the smooth provision of telecommunications service will be hindered.
(2) Cases raising any concern that NTT's interests will be unduly damaged by the interconnection.
(3) The applicant carrier has failed or is likely to fail to pay any amount payable with respect to interconnection.
(4) Cases in which the installation or modification of telecommunications line facilities to execute interconnection is extremely difficult from a technical or economic standpoint.

III－2 Collocation

Collocation means installing the applicant carrier equipment, etc., necessary for interconnection※1 in an NTT East communications building, etc.,※2 in establishing interconnection with NTT East networks. We will meet the requests of applicant carriers by announcing the conditions, etc., for providing a site in an NTT East communications building where the applicant carrier equipment, etc., necessary for interconnection is installed.

※1 This includes transmission equipment, cable and other equipment owned by an applicant carrier that is necessary for interconnection (meaning the telecommunications facilities whose installation within an NTT East communications building, etc., is reasonably considered necessary in view of the technical and economic alternatives).

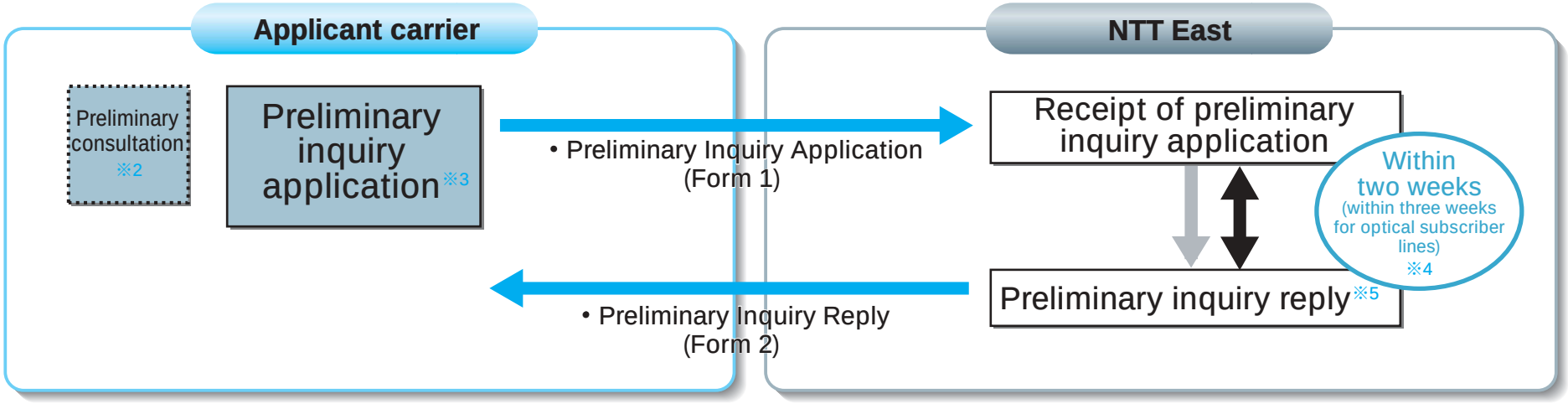
※2 This includes the NTT East communications building, conduits and cable tunnels for the section between such communications building and the nearest available manhole designated by NTT East, and telephone poles installed within the premises of such communications building.



III－2－① Preliminary Inquiry Application

In addition to the POI survey (the survey conducted on the basis of the equipment specifications indicated in advance by the applicant carrier), NTT East will provide information on the NTT East communications building, etc.※1, where the equipment is to be collocated and information concerning interconnection to optical fiber facilities at the request of the applicant carrier.

☞ Article 10-2 of the Articles of Agreement Concerning Interconnection



Explanation

※1 The NTT East communications building, etc., for which information is provided under the preliminary inquiry includes conduits and cable tunnels for the section between such communications building and the nearest available manhole designated by NTT East, in addition to the NTT East communications building.

※2 We will provide consultation (free-of-charge) at the request of an applicant carrier. Specifically, we will provide consultation about any questions, etc., in completing the application forms for a POI survey, a line facility survey and/or a preliminary survey. (Please see Page 53 for contact numbers.)
As this preliminary consulting is not part of the essential procedures, applicant carriers that do not wish to participate in this process can start the procedures for the POI survey application without any preliminary consulting.

※3 NTT East will provide the following information prior to the POI installation application (this process is not part of the essential procedures).
①The location and dimensions of a site within the NTT communications building where the equipment, etc., necessary for interconnection Note 1 can be installed by the applicant carrier.
②Information concerning power and air-conditioning facilities, raised floors and other peripheral facilities used in conjunction with installing the equipment, etc., necessary for interconnection that are available for usage by the applicant carrier at the site specified in ①.
③The location of the MDF that can be used in installing the equipment, etc., necessary for interconnection at the communications building specified in ①, the number of all MDF terminals and the number of unused terminals; and the location of the optical main distribution frame, the number of all optical main distribution frame terminals and the number of unused terminals.
④The number of all cores and the number of unused cores with respect to optical line facilities in the section designated by the applicant carrier (limited to optical fiber facilities within the same prefecture).
⑤The location of the termination site of the transmission line facilities used to install optical subscriber lines in the section designated by the applicant carrier.
⑥Whether it is possible to change the subscriber lines that include the optical fiber lines designated by the applicant carrier to metallic lines without changing the telephone numbers.
⑦The available timing Note 2 of the optical subscriber line with respect to the usage section designated by the applicant carrier, the number of cores to be used and the requested interconnection start timing, and the transmission loss. Note 3
⑧Other information related to matters that need to be entered in the POI Survey Application or the Line Facility Survey Application.

※4 NTT East will accept an application upon confirming that all necessary items have been entered in the Preliminary Inquiry Application. NTT East will provide information relating to the relevant inquiry in writing within two weeks (within three weeks for information specified in ※3⑦ with respect to optical subscriber lines) from the date of receipt of a preliminary inquiry application (meaning the date when the application is received by the handling office designated by NTT East; hereinafter the same). However, if special situations are involved such as those in which a large number of applications are simultaneously received or in which a large number of applications have already been received from other carriers, NTT East may require a period of more than two weeks (three weeks for information specified in ※3⑦ with respect to optical subscriber lines) from the date of receipt of an application before providing a response. In case the applicant carrier desires to use an NTT East indoor fiber line already installed as part of the optical subscriber line and if time is required to conduct a survey on the relevant indoor fiber line, the same shall apply with respect to the usage of the relevant indoor fiber line.

※5 At the stage of the preliminary inquiry reply, NTT East does not make reservations with respect to the unused site and the facilities that can be used by the applicant carrier at this site (meaning power and air-conditioning facilities, raised floors and other peripheral facilities used in conjunction with installing the equipment, etc., necessary for interconnection, unused MDF terminals, unused optical main distribution frame terminals and unused cores of optical line facilities), which are specified in the information provided.

(Note 1) Equipment, etc., necessary for interconnection includes the transmission equipment, cable or other equipment of applicant carriers that is necessary for interconnection (meaning the telecommunications facilities whose installation within the NTT communications building, etc., is reasonably considered necessary in view of technical and economic alternatives)

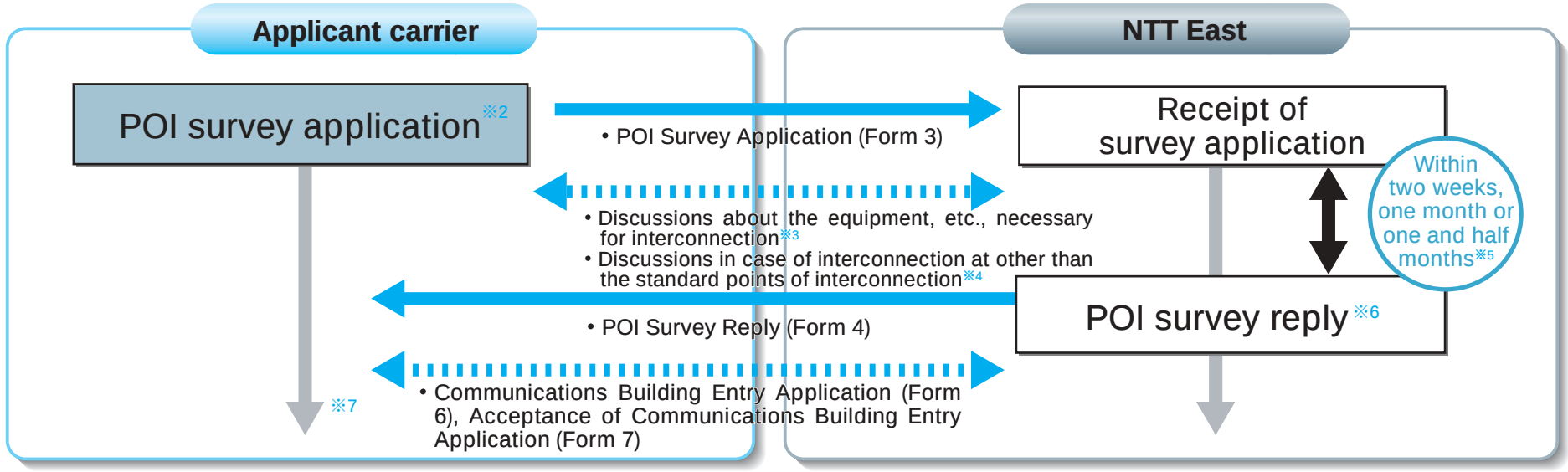
(Note 2) There may be cases in which the requested interconnection cannot be provided at the notified timing if coordination between the applicant carrier and the superintendent of the user building concerning the installation, etc., of the optical subscriber line (including coordination at the time of the entry into the relevant building by NTT East to install the optical subscriber line) cannot be fully arranged in advance.

(Note 3) Based on the calculated value.

III－2－② POI Survey Application

In response to an application for the installation of the POI at the standard points of interconnection, we will reply in writing whether or not the requested installation is possible within one month※1 from the date of receipt of the application if the installation site is totally within the communications building, and within one and half months in other cases.

☞ Articles 10-3 and 10-5 of the Articles of Agreement Concerning Interconnection



Explanation

※1 NTT East will provide a reply within two weeks from the date on which the application specified in Paragraph 1, Article 10-3 is received with respect to cases in which the range under review is limited to the area within a communications building and in which it is clear that there is no need for a study on the installation or modification of power and air-conditioning facilities, raised floors and other peripheral facilities used in conjunction with installing the equipment, etc., necessary for interconnection that can be used by the applicant carrier.

※2 ①A POI survey application can be submitted simultaneously with a line facility survey application and a preliminary survey application.
②Please attach documentation to the POI Survey Application specifying that the equipment, etc., to be installed in the NTT East communications building, etc., is the equipment, etc., necessary for interconnection.
✱If it is clear that a study by NTT East is not necessary such as cases in which the relevant equipment, etc., has already been installed in the NTT East communications building, etc., please attach only the documentation (in any form) indicating such.

※3 If NTT East considers that the equipment, etc., whose installation is requested by the applicant carrier is not that which is necessary for interconnection, NTT may request discussions. If, as a result of such discussions, it becomes clear that the relevant equipment, etc., is not that which is necessary for interconnection, we will provide written notice of the reasons.

※4 The installation of any POI at locations other than a standard point of interconnection will be determined by discussion.

※5 With respect to the discussion period as specified in ※3 and ※4, the provisions for a reply deadline of "within two weeks, one month or one and half months" shall not apply.

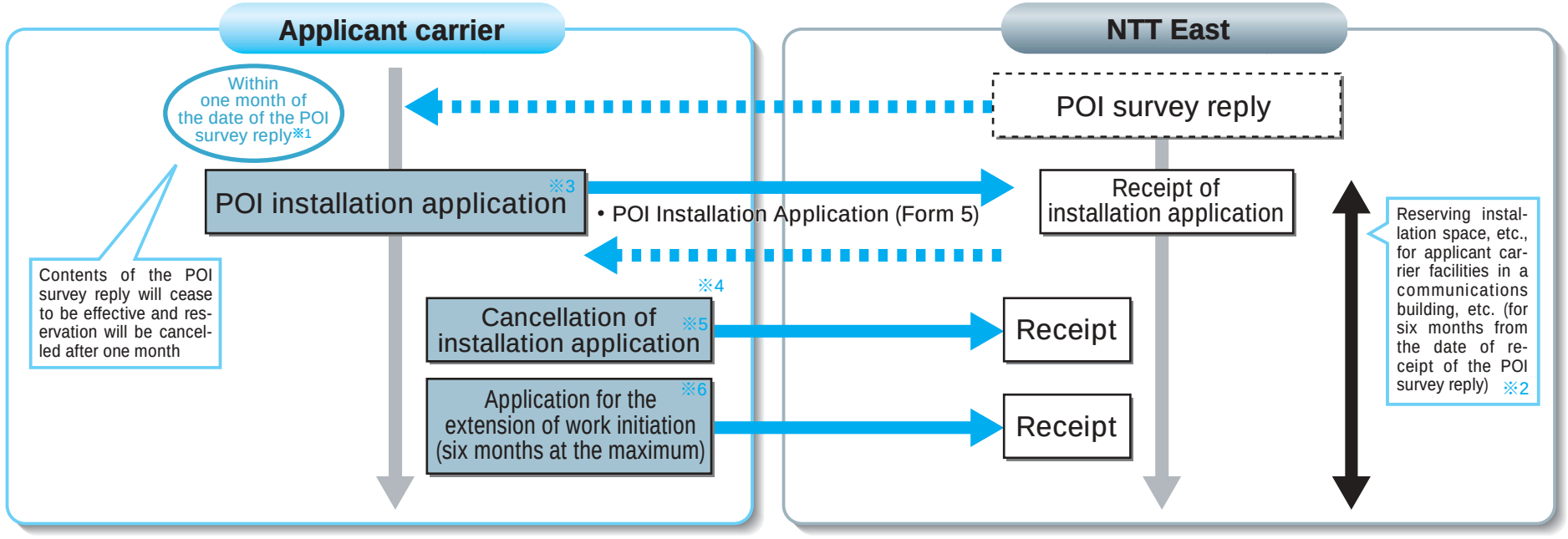
※6 ①NTT East will provide a written reply indicating that the requested POI installation is possible if the relevant application does not fall under cases in which there is no space to install the applicant carrier facilities or in which the relevant installation may likely cause considerable hindrance to the functions of the communications building, etc. We will also provide a written notice of the reasons in case such installation is not possible.
②The basic approach in providing a survey reply is to make it possible to minimize the costs incurred by the applicant carrier by securing the shortest possible distance between the POI and the site where the applicant carrier facilities are installed and by other methods based on the requirements of the applicant carrier. We will not designate a site larger than the area needed for the installation of the equipment, etc., necessary for interconnection against the wishes of the applicant carrier.
③If the available space units to install the equipment, etc., necessary for interconnection within the NTT East communications building, etc., are below the standard management units, we will provide a response to the effect that a POI may be established in the requested communications building within the range of the maximum allocation units with respect to the available space management items that are below the standard management units. (This shall not apply to cases in which space units reserved by the applicant carrier within the relevant communications building exceed the maximum allocation units or in which the MDF terminal usage ratio of the applicant carrier is less than 0.5.)

※7 When the applicant carrier for the POI survey wishes to enter the relevant NTT East communications building to confirm the contents of the survey reply (with respect to both possible and not possible cases), the applicant carrier is required to submit documentation five business days prior to the planned entry date. We will issue a written approval within two business days from the application date in principle. (We will issue a written notice of the reasons in case we cannot accept the application).

III－2－③ POI Installation Application

Please submit a POI installation application within one month※1 of the date of the survey reply. Upon receiving this application, NTT East will reserve installation space, etc., for the applicant carrier facilities in an NTT East communications building. (The reservation is valid for a period of six months※2 from the date of the survey reply.)

☞ Articles 10-4, 10-6, 10-7, 10-8, 78-3, and 95 of the Articles of Agreement Concerning Interconnection



Explanation

※1 If the applicant carrier applies for an extension by means of documentation indicating the reasons therefor, an extension up to three months is possible.

※2 In the event installation work is not initiated within six months from the date of the POI survey reply, the contents of the reply will cease to be effective, and the reservation will be cancelled. Similarly, such contents will cease to be effective and the reservation will be cancelled with respect to any portions for which work is not initiated in case work is partially commenced. It is deemed that the POI installation application is cancelled on the date of the reservation cancellation, and the applicant carrier is required to pay a penalty.

※3 In the event of making an application for the installation of a POI at a site other than an NTT East communications building, NTT East will approve such application only when the following three conditions are satisfied.
①The interconnection is made in such a way that clearly separates the responsibility for the provision of telecommunications service to subscribers, and which makes a clear distinction with respect to the fixed assets and maintenance responsibilities.
②The POI is installed at a site where security and reliability can be adequately maintained.
③No significant hindrance is otherwise caused to NTT East's business activities.

※4 In light of congestion or other usage conditions pertaining to a site, etc., in the relevant communications building, etc., NTT East may request the applicant carrier to enter into consultations concerning the cancellation of the reserved space.

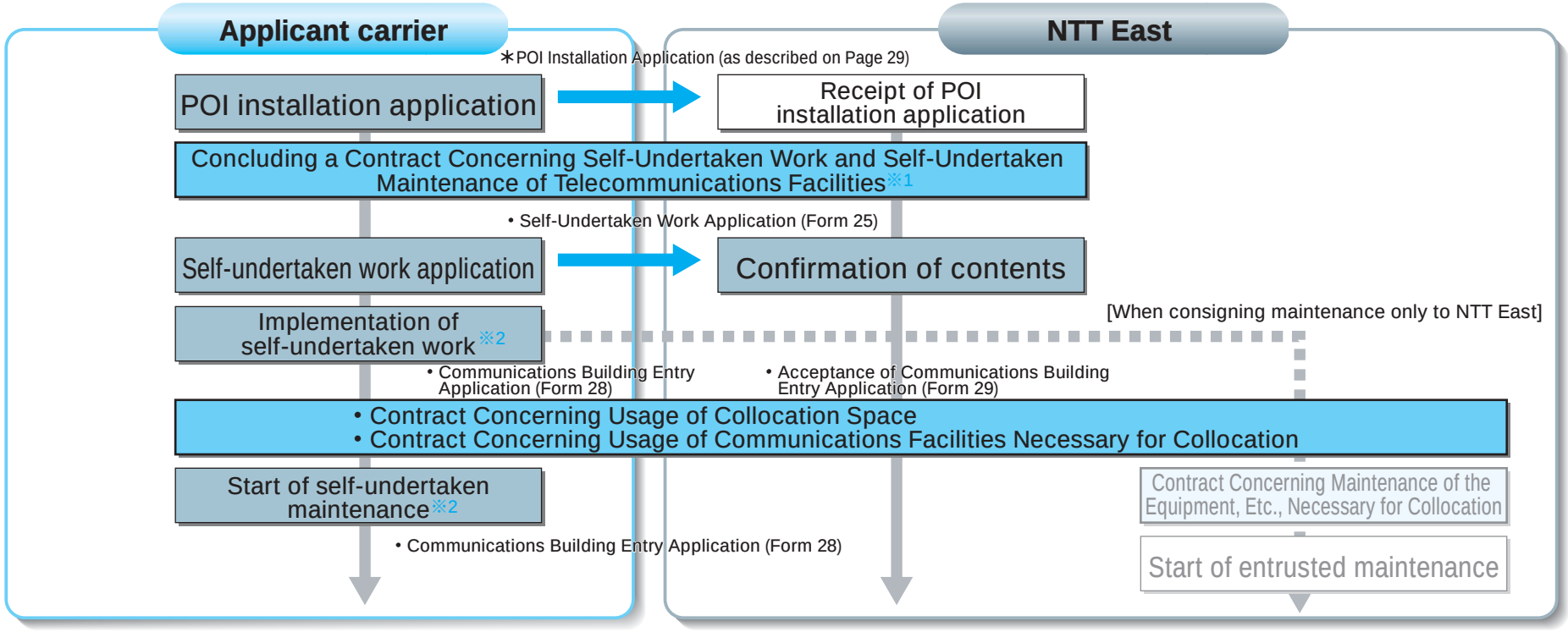
※5 In the event of canceling an installation application before the completion of the installation work, the applicant carrier is required to pay an amount equivalent to the equipment usage charges (limited to those relating to the power reception and generation equipment) for a period from the date the installation application is received to the date the application is cancelled as a penalty.

※6 In the event the applicant carrier applies for an extension in initiating the work by using a POI Installation Work Initiation Extension Application, an extension of 12 months at the maximum from the date of the POI survey reply will become possible, except for cases in which special circumstances such as those attributable to the applicant carrier necessitate such an extension. In this case, it is deemed that the usage of the space and the power reception and generation equipment is started on the day when six months have passed from the date of the POI survey reply, and the applicant carrier is required to pay the collocation space fee (housing charges) and the equipment usage charges (limited to those relating to the power reception and generation equipment).

III－2－④ Self-Undertaken Work and Maintenance by Applicant Carriers

In the event the applicant carrier implements the installation and maintenance of the equipment, etc., necessary for interconnection, a Contract Concerning Self-Undertaken Work and a Collocation Space Usage Contract are executed. In case the applicant carrier consigns equipment maintenance to NTT East, an Entrusted Maintenance Contract is concluded in place of a Collocation Space Usage Contract.

☞ Articles 95 and 95-3 of the Articles of Agreement Concerning Interconnection



Explanation

※1 If an applicant carrier implements installation work for its facilities under certain conditions, a Contract Concerning Self-Undertaken Work and Self-Undertaken Maintenance of Telecommunications Facilities will be concluded.

※2 ①The applicant carrier or the person(s) designated by the applicant carrier may enter the NTT East communications building, etc., for the installation and maintenance of the applicant carrier's facilities (the equipment, etc., necessary for interconnection). In requesting entry, please submit documentation five business days prior to the planned entry date. We will issue a written approval within two business days from the application date in principle. (We will issue a written notice of the reasons in case of not accepting the application). In case of entry to repair a fault or for other emergency and unavoidable reasons, advance notice can be provided on the same day of entry.

②When the applicant carrier implements the installation and maintenance of the equipment, etc., necessary for interconnection, a person designated by NTT East will be physically present when the relevant equipment, etc., is connected to or disconnected from the NTT East telecommunications facilities and/or power facilities and during any deliveries of the relevant equipment, etc.

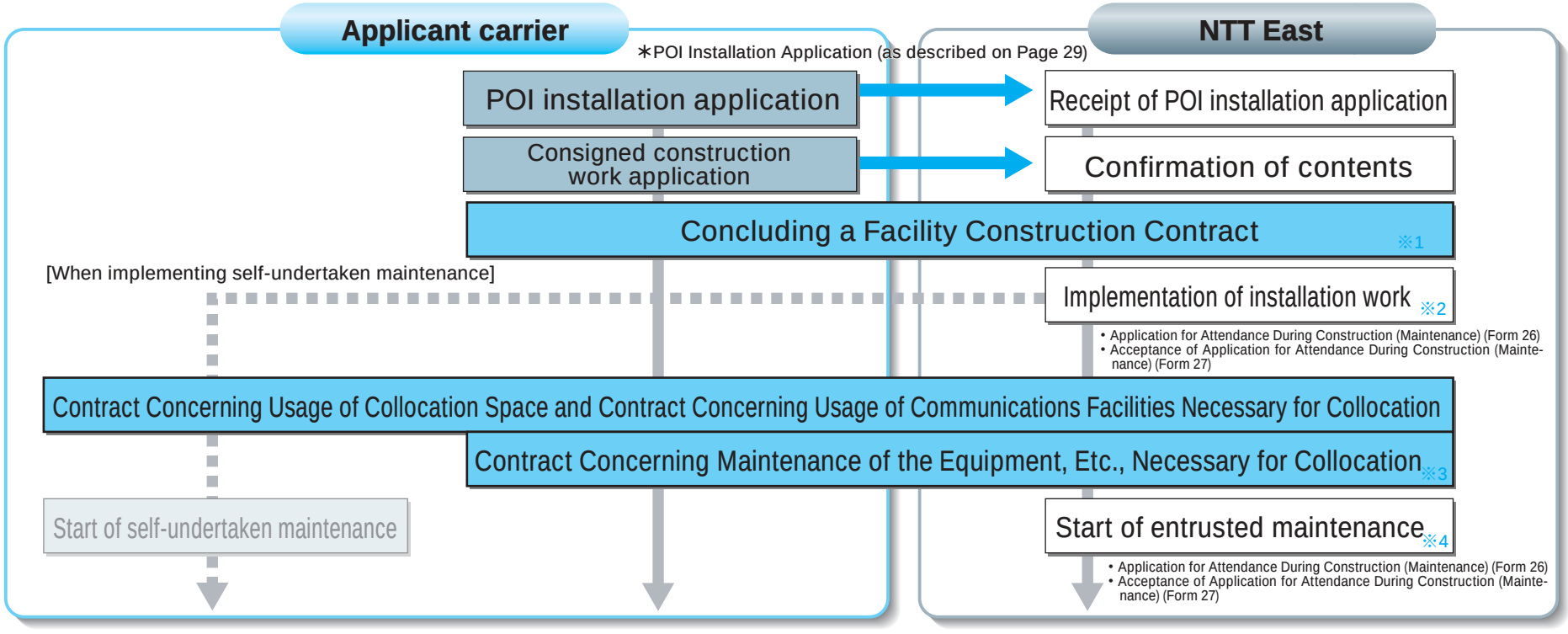
③While no special conditions are imposed on installation companies that carry out work within the installation area of the applicant carrier facilities, certain standards are applied to installation companies that carry out work beyond the installation space of the applicant carrier facilities, such as connecting lines to NTT East's power lines and/or communications lines. (See Page 33.)

④The space fee is also required during installation work.

III－2－⑤ Installation and Maintenance by NTT East

If the applicant carrier consigns the installation and maintenance of the equipment, etc., necessary for interconnection at a POI to NTT East, a Facility Construction Contract, a Contract Concerning Usage of Collocation Space and a Contract Concerning Maintenance of the Equipment, Etc., Necessary for Collocation are concluded. If the applicant carrier implements maintenance for its facilities on its own, it is not necessary to conclude a Contract Concerning Maintenance of the Equipment, Etc., Necessary for Collocation.

☞ Articles 95 and 95-2 of the Articles of Agreement Concerning Interconnection



Explanation

※1 This contract is also concluded when the applicant carrier installs the equipment, etc., necessary for interconnection on its own and part of such installation work is consigned to NTT East.

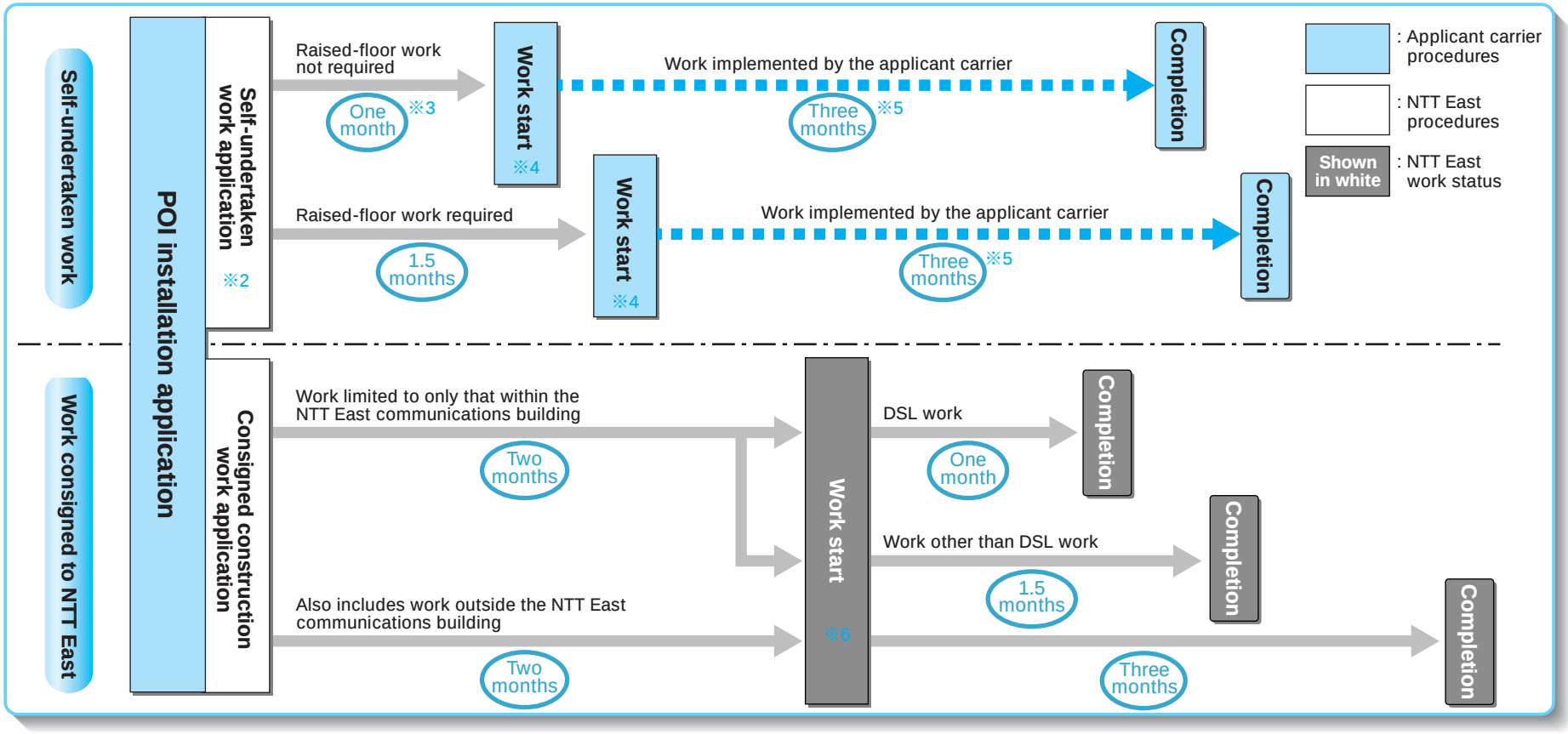
※1 and ※3
The expenses to be borne by the applicant carrier under a Facility Construction Contract, a Contract Concerning Usage of Collocation Space, a Contract Concerning Usage of Communications Facilities Necessary for Collocation and a Contract Concerning Maintenance of the Equipment, Etc., Necessary for Collocation will be calculated in accordance with the provisions in the Tables of Charges (Table 2-2 and Table 3) in the Articles of Agreement Concerning Interconnection.

※2 and ※4
When NTT East installs or carries out maintenance of the applicant carrier facilities, the applicant carrier (including any person(s) designated by the applicant carrier) may enter the NTT East communications building, etc., to be physically present during such work, etc. In making such entry, please submit documentation five business days prior to the planned entry date. We will issue a written approval within two business days from the application date in principle. (We will issue a written notice of the reasons in case we cannot accept the application). In case of entry by the applicant carrier to be physically present for repairs of a fault that are carried out by NTT East on the basis of the Entrusted Maintenance Contract or for other emergency and unavoidable reasons, advance notice can be provided on the same day of entry.

(Reference) Standard Lead-Time for Collocation

NTT East will complete preparations within the following periods※1 for the installation of the applicant carrier equipment, etc., necessary for interconnection at the POI.

☞ Articles 10-4, 95 and 95-4 of the Articles of Agreement Concerning Interconnection



※1 These periods may be exceeded in the event special work is necessary, such as when the installation and/or modification of power equipment, storage batteries or power reception and generation equipment is required because the existing capacity of such equipment would be exceeded if power were supplied to the equipment, etc., necessary for interconnection in establishing interconnection, or when the scale of work under the Facility Construction Contract is extensive (meaning cases in which the consigned work expenses at the relevant POI on the basis of the Facility Construction Contract total ¥5 million or more).
The indicated lead-time does not include any period required by an applicant carrier for study, the time required to secure a road occupancy permit, road usage permit, etc., to install the equipment, etc., necessary for interconnection (the period from an application to obtaining a permit), or the time elapsed due to any force majeure such as natural disasters or otherwise due to the reasons not attributable to NTT East.

※2 In the event the period form the planned work start date indicated in the Self-Undertaken Work Application to the planned work completion date or the requested power equipment usage start date exceeds three months, please indicate the reasons in the Self-Undertaken Work Application and submit it to NTT East.

※3 Within two weeks: In the event of installing the equipment, etc., necessary for interconnection or any related facilities of the applicant carrier at a site where relevant equipment, etc., has already been installed by the applicant carrier and when there is no need for the modification of the facilities available to the applicant carrier, including the power and air-conditioning facilities, raised floors or other peripheral equipment used in conjunction with installing the equipment, etc., necessary for interconnection.

※4 The payment of the space fee (housing charges) is required during the work period. The payment of collocation expenses is required from the requested power equipment usage start date designated by the applicant carrier in advance at the time of making the work application or the date on which preparations for NTT East's power facilities are completed, whichever is later. In the event the applicant carrier does not start the usage of new power facilities, the payment of collocation expenses is required from the planned work completion date indicated by the applicant carrier in the Self-Undertaken Work Application or the date on which self-undertaken work is completed, whichever is earlier.

※5 NTT East may request discussions with an applicant carrier in case the work period exceeds three months.

※6 The payment of collocation expenses is required form the planned work completion date or the date on which preparations for power facilities are completed, whichever is later.

(Reference) Standards for Eligible Installation Contractors for Self-Undertaken Work

The requirements for installation contractors when the applicant carrier installs the equipment, etc., necessary for interconnection at the NTT East communications building, etc. are as follows.

1. Work within the installation space of the applicant carrier facilities
   - No special requirements or conditions are imposed.
2. Work outside the installation space of the applicant carrier facilities※

   ①The contractor must have a license for telecommunications construction work under the Construction Industry Law, and have a current rating of 1,000 or more points in the management item examination for telecommunications business under the Construction Industry Law.

   ②Eligible companies include NTT East and companies with which NTT East now has outsourcing contracts.

※With respect to the connection and disconnection of common-channel signaling lines and communications power lines and the processes that may have an impact on all facilities within the building in case of work errors such as work on live power facilities, however, such processes must be handled by companies that have experience in the relevant process. (Experience in the relevant process means experience in work on NTT East facilities or facilities similar to NTT East facilities.)

Reference

○The latest data on the results of the management item examination are available on the Homepage of the Construction Industry Information Center (http://www.ciic.or.jp/).
☆Companies with ratings of 1,000 or more points (as of November 30, 2002) are listed on the NTT East Homepage (http://www.neet-east.co.jp/info-st/info_dsl/shinsa1000.html).

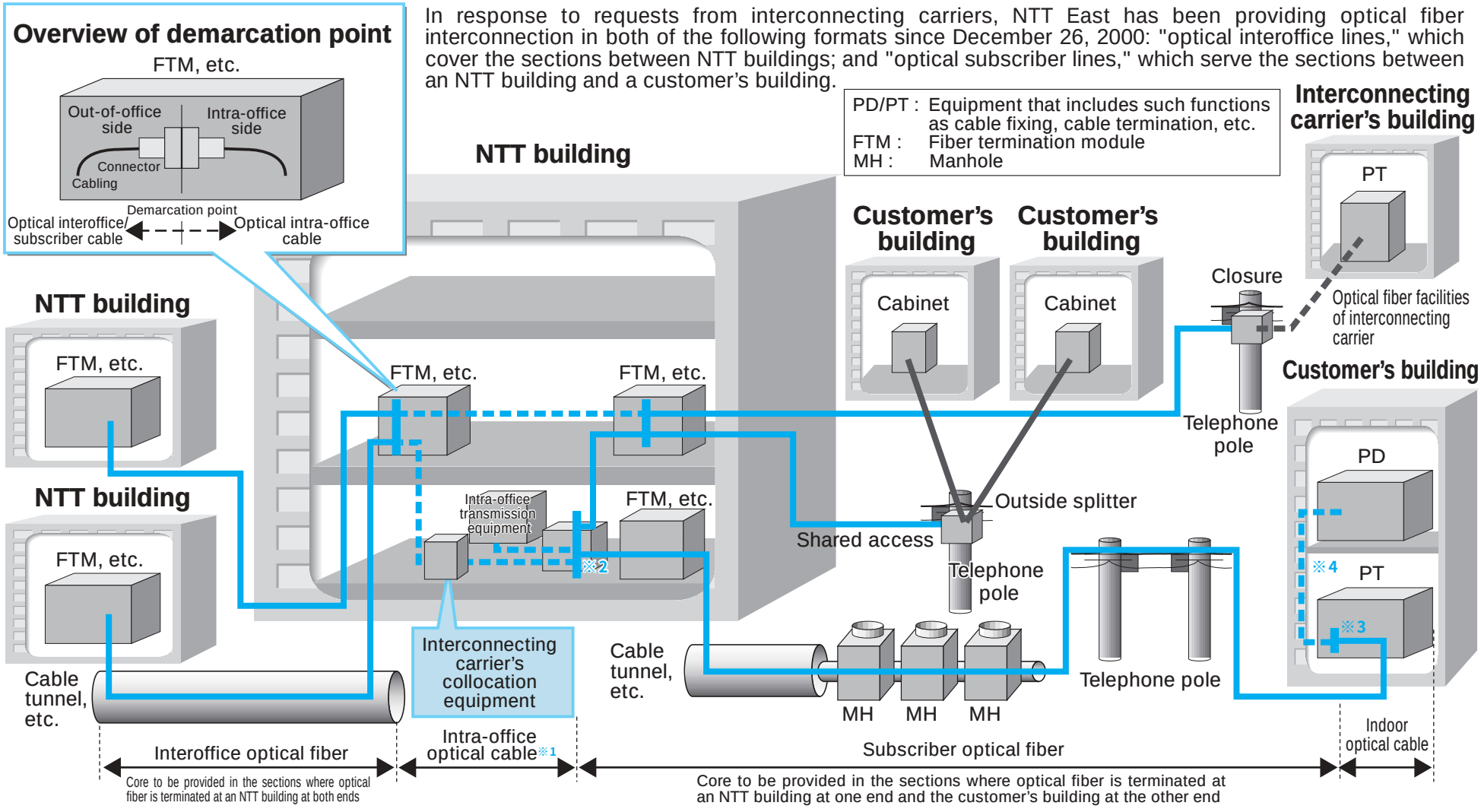
○Companies with which NTT East now has outsourcing contracts

- NTT InfraNet
- NTT-ME
- NTT-ME Tokyo
- NTT-ME Kanagawa
- NTT-ME Chiba
- NTT-ME Saitama
- NTT-ME Ibaraki
- NTT-ME Tochigi
- NTT-ME Gunma
- NTT-ME Yamanashi
- NTT-ME Nagano
- NTT-ME Niigata
- NTT-ME Tohoku
- NTT-ME Fukushima
- NTT-ME Yamagata
- NTT-ME Akita
- NTT-ME Iwate
- NTT-ME Aomori
- NTT-ME Hokkaido
- NTT Facilities
- NTT Facilities Chuo
- NTT Facilities Tohoku
- NTT Facilities Hokkaido

III－3 Configuration of Optical Fiber Facilities

In response to requests from interconnecting carriers, NTT East has been providing optical fiber interconnection in both of the following formats since December 26, 2000: "optical interoffice lines," which cover the sections between NTT buildings; and "optical subscriber lines," which serve the sections between an NTT building and a customer's building.

PD/PT : Equipment that includes such functions as cable fixing, cable termination, etc.
FTM : Fiber termination module
MH : Manhole

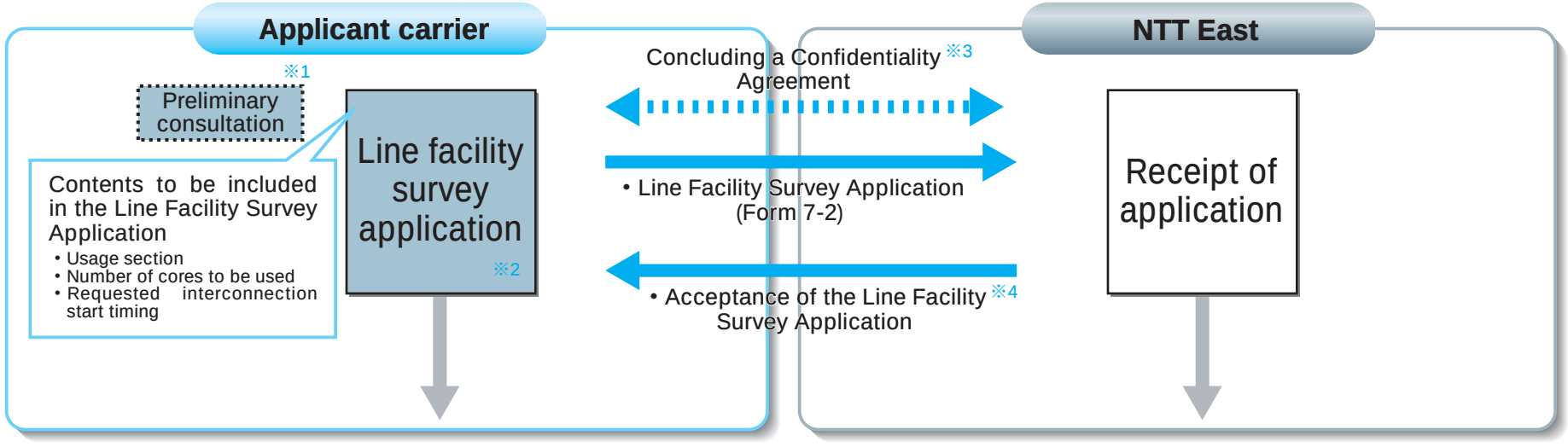


※1 In other than NTT buildings, there are cases in which we use cable installed by the building owner at the instructions of the building owner. The conditions under which service is provided in such cases depend on the building owner.
※2 This connection format is applied in the case of a building in which intermediate distribution frames are installed
※3 With respect to the indoor optical cable section, permission from the building superintendent for our staff to enter the building is required through the end user who is a tenant of this building, interconnecting carrier, etc., in principle. In this case, we ask the interconnecting carrier requesting the survey application to deal with the end user, etc., and obtain appropriate permission from the building superintendent.
※4 This cable is provided if an NTT indoor optical cable has already been installed and there is unused cable that can be provided.

III－3－① Line Facility Survey Application (Interconnection to Optical Interoffice Lines)

In establishing interconnection to NTT East interoffice optical fiber facilities, please submit a Line Facility Survey Application that specifies the requested conditions of the applicant carrier concerning interconnection. NTT East will conduct a survey on the availability of interoffice optical fiber facilities under the usage conditions requested by the applicant carrier in terms of the number of cores and usage timing. NTT East will also provide information on the facilities that become necessary to use interoffice optical fiber facilities (type of optical fiber, type of connector, length, transmission loss, the floor on which the fiber termination module is installed, etc.).

☞ Article 34-2 of the Articles of Agreement Concerning Interconnection



Explanation

※1 We will provide consultation (free-of-charge) at the request of an applicant carrier. Specifically, we will provide consultation about any questions, etc., in completing an application form for a line facility survey. (Please see Page 53 for contact numbers.)
As this preliminary consulting is not part of the essential procedures, applicant carriers that do not wish to participate in this process can start the procedures for the line facility survey application without any preliminary consulting.

※2 ①Eligible applicants for line facility surveys are limited to telecommunications carriers.
✱Entities other than telecommunications carriers must obtain registration of telecommunications business or submit such notification by the time an agreement is concluded.
②Please complete all required items in the application form.
③A line facility survey application, a preliminary survey application and a POI survey application can be submitted simultaneously.
④It is not necessary to make an application for a preliminary survey prior to a line facility survey application. A preliminary inquiry application and a line facility survey application can be submitted simultaneously.

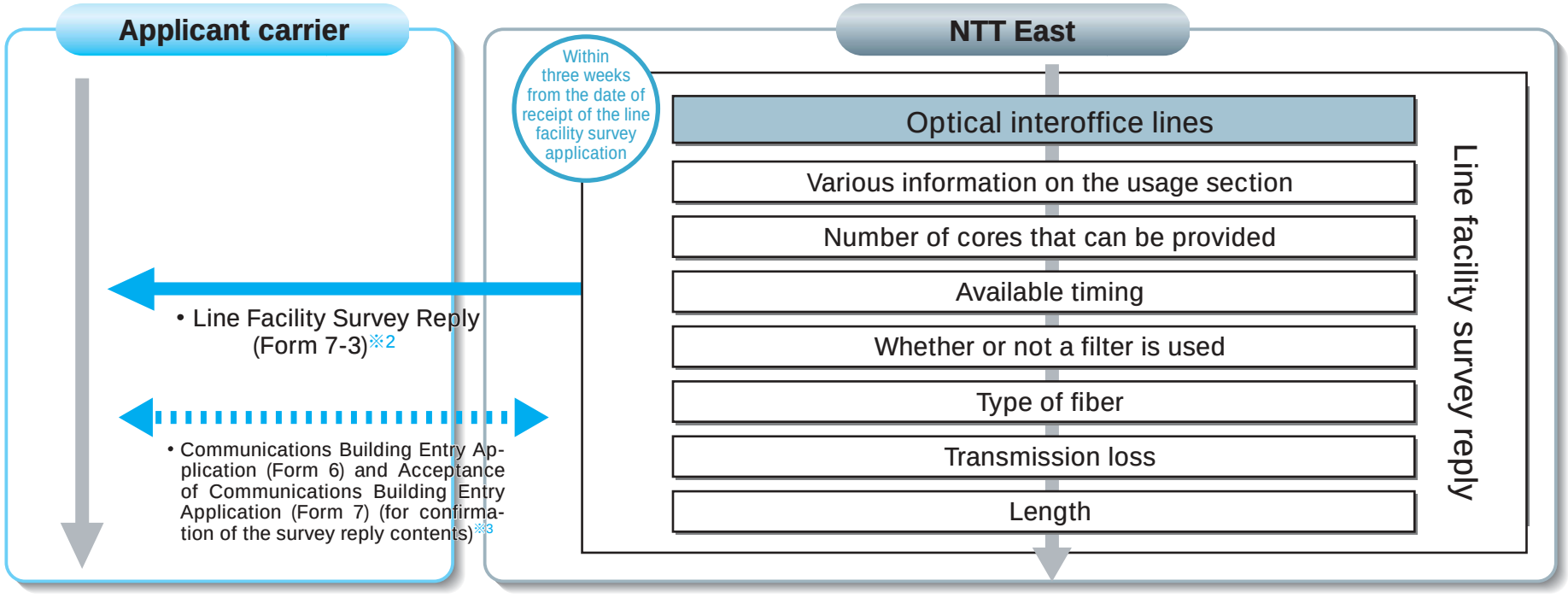
※3 With respect to applicant carriers with whom we are initiating discussions for the first time, please note that it is necessary to conclude a confidentiality agreement in providing information related to NTT East security matters and intellectual property rights. We will also handle applicant carrier information that is acquired in the course of discussions concerning interconnection in accordance with the confidentiality agreement.

※4 NTT East will accept an application upon confirming that all necessary items have been completed in the Line Facility Survey Application.

III－3－② Line Facility Survey Reply (Interconnection to Optical Interoffice Lines)

Within three weeks from the date of receipt of the line facility survey application, a reply will be provided on the availability of interoffice optical fiber facilities in terms of the number of cores requested and the requested start timing.※1 In case the facilities cannot be provided by the requested timing, we will provide a written notification indicating the reasons and the available timing (except for cases in which there are no additional installation plans).

☞ Articles 34-2 and 34-5 of the Articles of Agreement Concerning Interconnection



Explanation

※1 (1) NTT East provides a reply within one month of the date of receipt of the application only when none of the following items is applicable.
①There are no unused cores in the interoffice optical fiber facilities in the section designated by the applicant carrier, nor are there any plans to install interoffice optical fiber facilities in the relevant usage section.
②With respect to any unused cores in the interoffice optical fiber facilities in the section designated by the applicant carrier, there are already usage plans that do not allow other usage applications and there are no plans to install interoffice optical fiber facilities in the relevant usage section.
③Cases raising any concern that the smooth provision of telecommunications service by NTT East may be hindered.
④Cases raising any concern that NTT East's interests may be unduly damaged by the interconnection.
⑤The applicant carrier has failed or is likely to fail to pay any amounts payable with respect to interconnection to interoffice optical fiber facilities.
(2) In case interoffice optical fiber facilities that can be interconnected cannot be identified and there are plans to install interoffice optical fiber facilities, the timing when interconnection is expected to be available will be indicated in our reply. When the available timing becomes clear, another notification will be provided on such available timing.
(3) If special situations are involved such as those in which a large number of line facility survey applications are simultaneously received or in which a large number of line facility survey applications have already been received from other interconnecting carriers, NTT East may exceed the period of three weeks from the date of receipt of an application before providing a response.

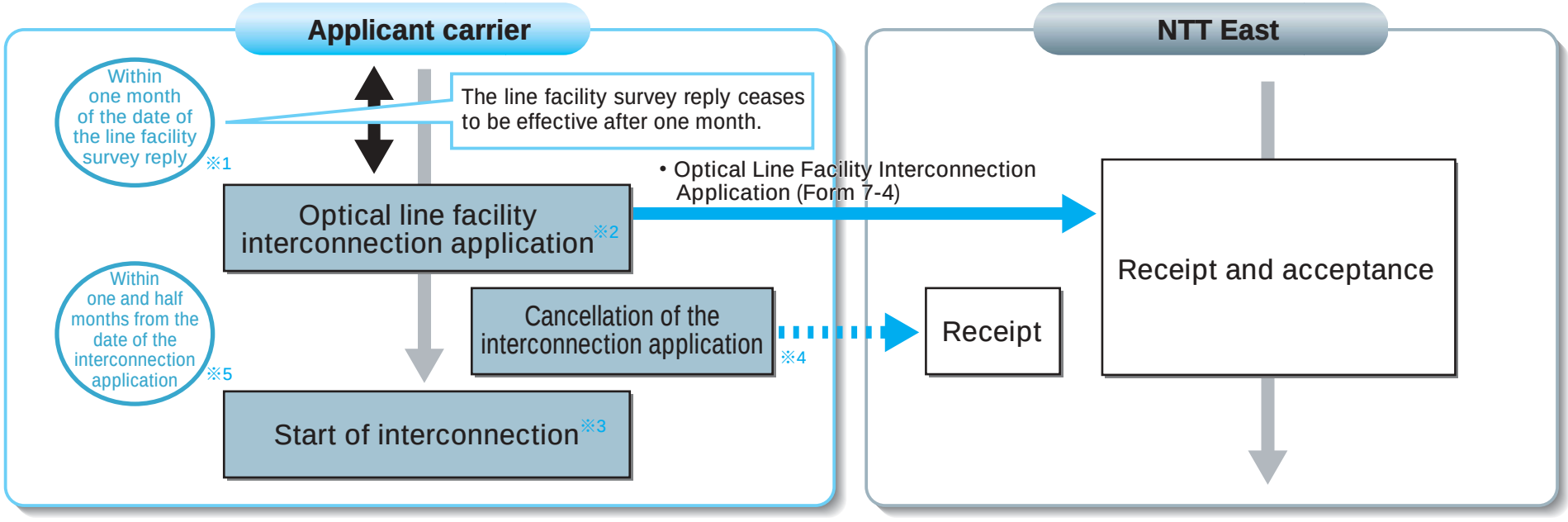
※2 With respect to the requested conditions specified in the Line Facility Survey Application by the applicant carrier, this reply indicates the available timing, the number of cores that can be provided, etc. (if the facilities cannot be provided by the requested timing, this replay also indicates the reasons therefor).

※3 In the event interoffice optical fiber facilities cannot be provided by the requested interconnection start timing because there are no unused cores in the section designated by the applicant carrier and if the applicant carrier wishes to enter the relevant communications building to confirm the contents of the survey reply, the applicant carrier is required to submit documentation at least five business days prior to the planned entry date. We will issue a written approval within two business days from the application date in principle. (We will issue a written notice of the reasons in case we cannot accept the application). In such cases, the number of persons entering the building is limited to that necessary for the intended purposes.

III－3－③ Optical Line Facility Interconnection Application (Interconnection to Optical Interoffice Lines)

Within one month from the date of the line facility survey reply,※1 please submit a formal application for interconnection to line facilities pursuant to the contents of the reply.

☞ Articles 34-3 and 78-2 of the Articles of Agreement Concerning Interconnection



Explanation

※1 If the applicant carrier applies for an extension by means of documentation indicating the reasons therefor, an extension up to three months is possible.

※2 We consider the Optical Line Facility Interconnection Application as constituting the applicant carrier's formal declaration of its intent to use optical fiber facilities.

※3 Interconnection must be started within six months from the date of receipt of the line facility survey reply or within three months from the date on which service becomes available, whichever is later.

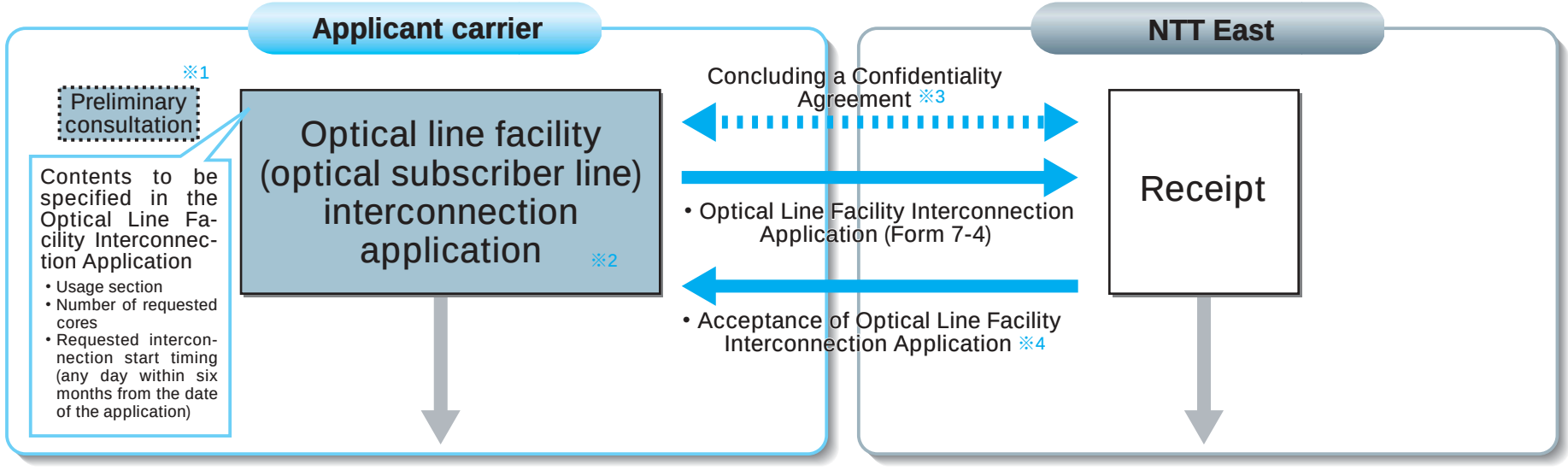
※4 In the event of canceling an interconnection application before the start of interconnection, the applicant carrier is required to pay an amount equivalent to the interconnection charges as a penalty for a period from the date of the interconnection application to the date the application is cancelled.

※5 This reply deadline is not applied to cases involving special situations such as those in which a large number of applications are simultaneously received or in which a large number of applications have already been received.

III－4－① Optical Line Facility Interconnection Application (Interconnection to Optical Subscriber Lines)

In establishing interconnection to NTT East subscriber optical fiber facilities, please confirm the available areas on the NTT website and submit the Optical Line Facility Interconnection Application in which the conditions requested by the applicant carrier concerning interconnection are specified.

☞ Article 34-4 of the Articles of Agreement Concerning Interconnection



Explanation

※1 We will provide consultation (free-of-charge) at the request of an applicant carrier. Specifically, we will provide consultation about any questions, etc., in completing an application form for optical line facility interconnection. (Please see Page 53 for contact numbers.)
As this preliminary consulting is not part of the essential procedures, applicant carriers that do not wish to participate in this process can start the procedures for the optical line facility interconnection application without any preliminary consulting.

※2 ①Because subscriber optical fiber availability depends on the "Areas where subscriber optical fiber is available" indicated on the website, please confirm this information before applying for optical line facility interconnection.
②Eligible applicants for optical line facility interconnection are limited to telecommunications carriers.
✱Entities other than telecommunications carriers must obtain registration of telecommunications business or submit such notification by the time an agreement is concluded.
③Please complete all required items in the application form.
④An optical line facility interconnection application, a preliminary survey application, and a POI survey application can be submitted simultaneously.
⑤It is not necessary to make an application for a preliminary survey prior to an optical line facility interconnection application. A preliminary inquiry application and an optical line facility interconnection application can be submitted simultaneously.
⑥Please apply after confirming the intended usage of the end-user.

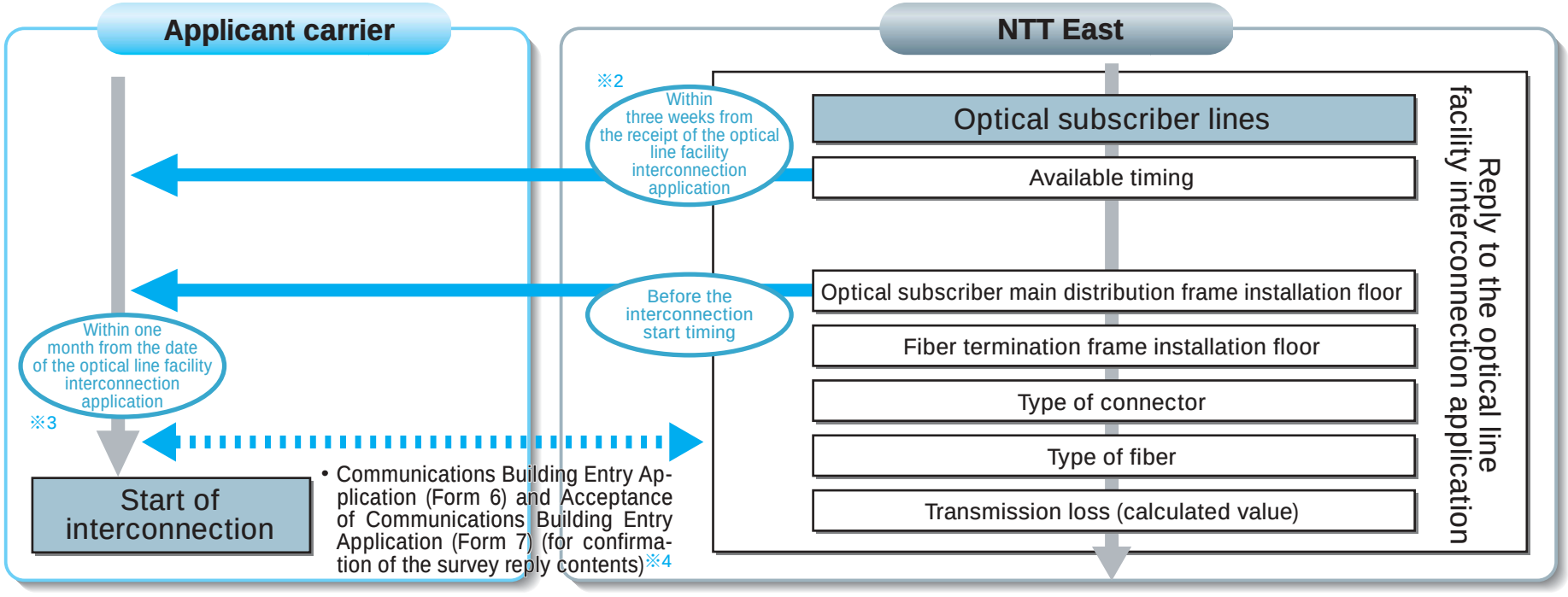
※3 With respect to applicant carriers with whom we are initiating discussions for the first time, please note that it is necessary to conclude a confidentiality agreement in providing information related to NTT East security matters and intellectual property rights. We will also handle applicant carrier information that is acquired in the course of discussions concerning interconnection in accordance with the confidentiality agreement.

※4 NTT East will accept an application upon confirming that all necessary items have been completed in the Optical Line Facility Interconnection Application.

III－4－② Optical Line Facility Interconnection Application (Interconnection to Optical Subscriber Lines)

Within three weeks from the date of receipt of the optical line facility interconnection application, a reply will be provided on the availability of subscriber optical fiber facilities in the usage section designated by the applicant carrier in terms of the requested start timing.※1 In case the facilities cannot be provided by the requested timing, we will provide a written notification indicating the reasons.

☞ Articles 34-4 and 34-5 of the Articles of Agreement Concerning Interconnection



Explanation

※1 NTT East provides a reply within three weeks of the date of receipt of the application only when none of the following items is applicable.
(1) There are no unused cores in the subscriber optical fiber facilities in the section designated by the applicant carrier, nor are there any plans to install subscriber optical fiber facilities in the relevant usage section.
(2) With respect to any unused cores in the subscriber optical fiber facilities in the section designated by the applicant carrier, there are already usage plans that do not allow other usage applications and there are no plans to install subscriber optical fiber facilities in the relevant usage section.
(3) Cases raising any concern that the smooth provision of telecommunications service by NTT East may be hindered.
(4) Cases raising any concern that NTT East's interests may be unduly damaged by the interconnection.
(5) The applicant carrier has failed or is likely to fail to pay any amount payable with respect to interconnection to subscriber optical fiber facilities.

※2 If special situations are involved such as those in which a large number of applications are simultaneously received or in which a large number of applications have already been received from other applicant carriers, NTT East may exceed the period of three weeks from the date of receipt of an application before providing a response. In the case of requesting the usage of NTT East's indoor optical fiber already installed as part of the optical subscriber line and if time is required to conduct a survey on the relevant indoor optical fiber, the same shall apply with respect to the usage of the relevant indoor optical fiber.

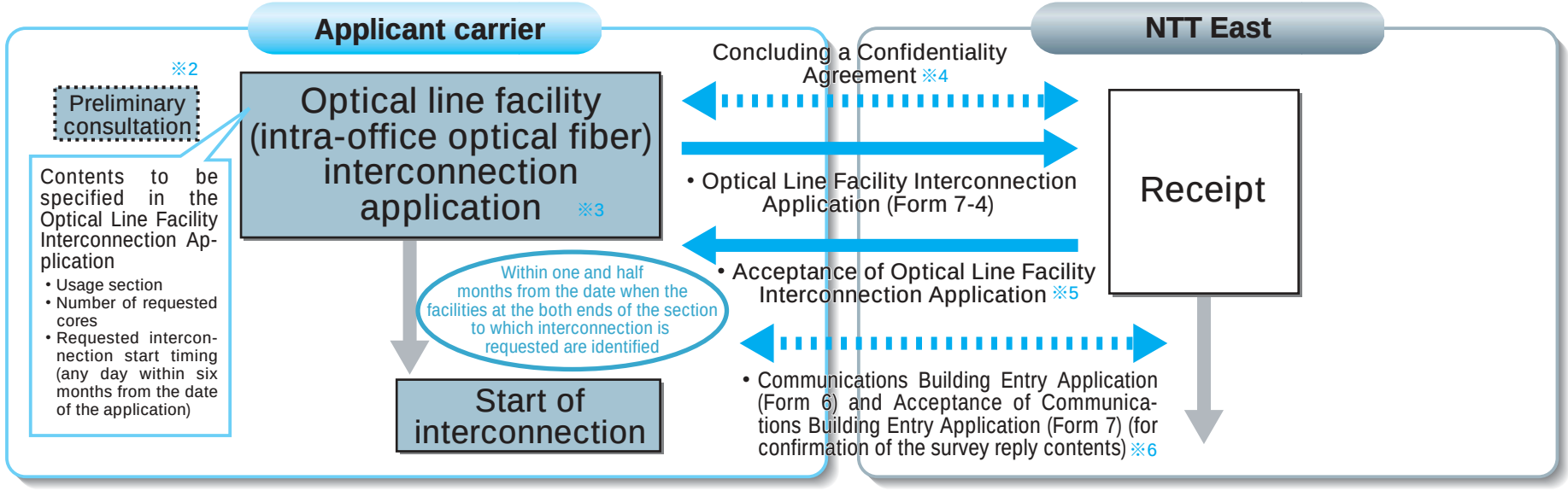
※3 ①The available timing will be within one month from the date of receipt of the application for cases in which the optical subscriber line to be interconnected can be identified and there are optical subscriber lines already installed up to the fiber termination frame in the user building unless special situations are involved, such as those in which a large number of applications are simultaneously received or in which a large number of applications have already been received from other interconnecting carriers.
②In case of requesting the usage of NTT East indoor optical fiber already installed as part of the optical subscriber line and if time is required for preparations to make the relevant indoor optical fiber available, this one-month period from the receipt of the application may be exceeded.
③This means the period required for NTT East to make the relevant optical subscriber line available from the date of receipt of the application for cases in which there are no optical subscriber lines already installed up to the fiber termination frame in the user building or such special situations are involved.
④This period will become the timing when interconnection is expected to be available (this period does not include the time required for NTT East to make the optical subscriber line available) for cases in which the optical subscriber line to be interconnected cannot be identified and in which there are plans to install optical subscriber lines in the usage section designated by the applicant carrier.
⑤There may be cases in which the optical subscriber line cannot be provided at the indicated timing if coordination between the applicant carrier and the superintendent of the user building concerning the installation, etc., of the optical subscriber line cannot be fully arranged in advance.

※4 In the event subscriber optical fiber facilities cannot be provided by the requested interconnection start timing because there are no unused cores in the section designated by the applicant carrier and if the applicant carrier wishes to enter the relevant communications building to confirm the contents, the applicant carrier is required to submit documentation at least five business days prior to the planned entry date. We will issue a written approval within two business days from the application date in principle. (We will issue a written notice of the reasons in case we cannot accept the application). In such cases, the number of persons entering the building is limited to that necessary for the intended purposes.

III－5 Optical Line Facility Interconnection Application (Interconnection to Optical Intra-Office Lines)

When an application is made for optical line facility (intra-office optical fiber) interconnection, NTT East will make efforts to complete the interconnection preparations within one and half months from the date when the facilities at the both ends of the section to which interconnection via intra-office optical fiber facilities is requested are identified.※1

☞ Articles 34-4 and 34-5 of the Articles of Agreement Concerning Interconnection



Explanation

※1 ①NTT East will make efforts to complete the interconnection preparations within two months only when none of the following items is applicable.
(1) There are no unused cores in the intra-office optical fiber facilities in the section designated by the applicant carrier, nor are there any plans to install intra-office optical fiber facilities in the relevant usage section.
(2) With respect to any unused cores in the intra-office optical fiber facilities in the section designated by the applicant carrier, there are already usage plans that do not allow other usage applications and there are no plans to install intra-office optical fiber facilities in the relevant usage section.
(3) Cases raising any concern that the smooth provision of telecommunications service by NTT East may be hindered.
(4) Cases raising any concern that NTT East's interests may be unduly damaged by the interconnection.
(5) The applicant carrier has failed or is likely to fail to pay any amount payable with respect to interconnection to intra-office optical fiber facilities.
②There may be cases in which interconnection preparations cannot be completed within one and half months from the date on which the facilities at both ends of the section to which interconnection via the intra-office optical fiber facilities is requested are identified if special situations are involved, such as those in which a large number of applications are simultaneously received or in which a large number of applications have already been received from other applicant carriers. In such cases, NTT East shall provide a written response indicating the available timing (meaning the period required for NTT East to make the relevant intra-office optical fiber available from the date on which the facilities at both ends of the section to which interconnection is requested are identified) of the intra-office optical fiber facilities in the usage section designated by the applicant carrier.

※2 We will provide consultation (free-of-charge) at the request of an applicant carrier. Specifically, we will provide consultation about any questions, etc., in completing an application form for optical line facility interconnection. (Please see Page 53 for contact numbers.)
As this preliminary consulting is not part of the essential procedures, applicant carriers that do not wish to participate in this process can start the procedures for the optical line facility interconnection application without any preliminary consulting.

※3 ①Eligible applicants for optical line facility interconnection are limited to telecommunications carriers.
✱Entities other than telecommunications carriers must obtain registration of telecommunications business or submit such notification by the time an agreement is concluded.
②Please complete all required items in the application form.
③An optical line facility interconnection application, a preliminary survey application and a POI survey application can be submitted simultaneously.
④It is not necessary to make an application for a preliminary survey prior to an optical line facility interconnection application. A preliminary inquiry application and an optical line facility interconnection application can be submitted simultaneously.

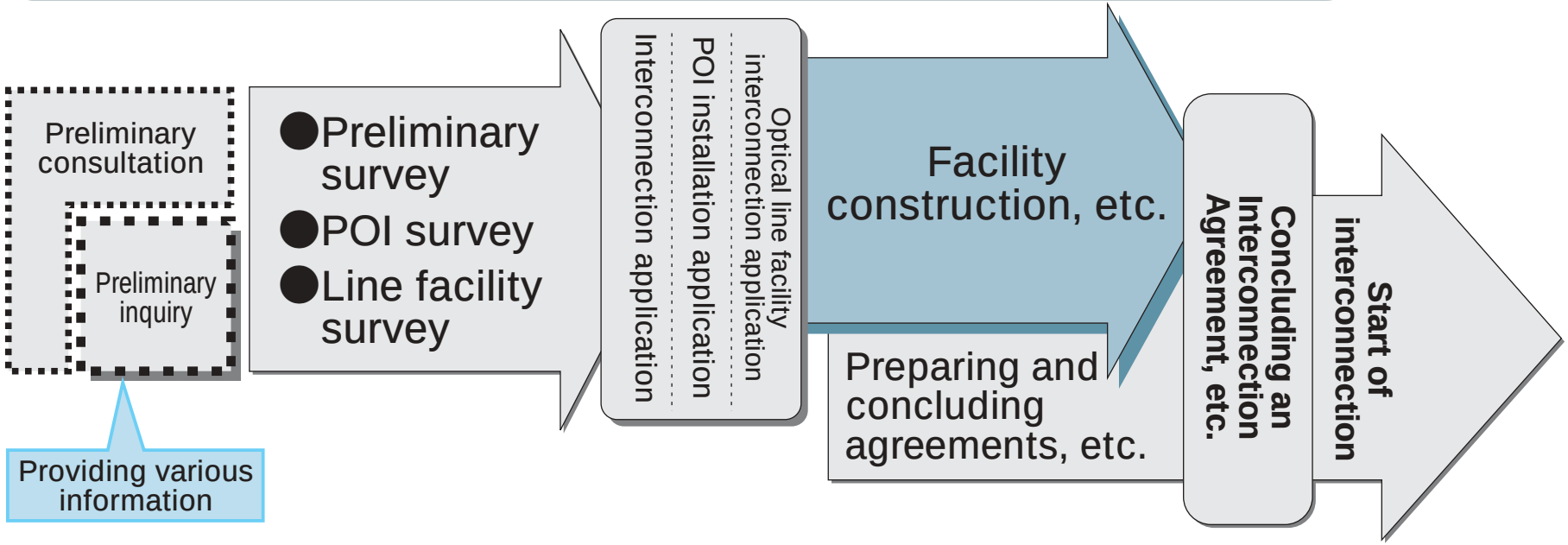
※4 With respect to applicant carriers with whom we are initiating discussions for the first time, please note that it is necessary to conclude a confidentiality agreement in providing information related to NTT East security matters and intellectual property rights. We will also handle applicant carrier information that is acquired in the course of discussions concerning interconnection in accordance with the confidentiality agreement.

※5 NTT East will accept an application upon confirming that all necessary items have been completed in the Optical Line Facility Interconnection Application. In case applications involve the interconnection of overlapping facilities, the surveys will be conducted in the order in which the applications are received.

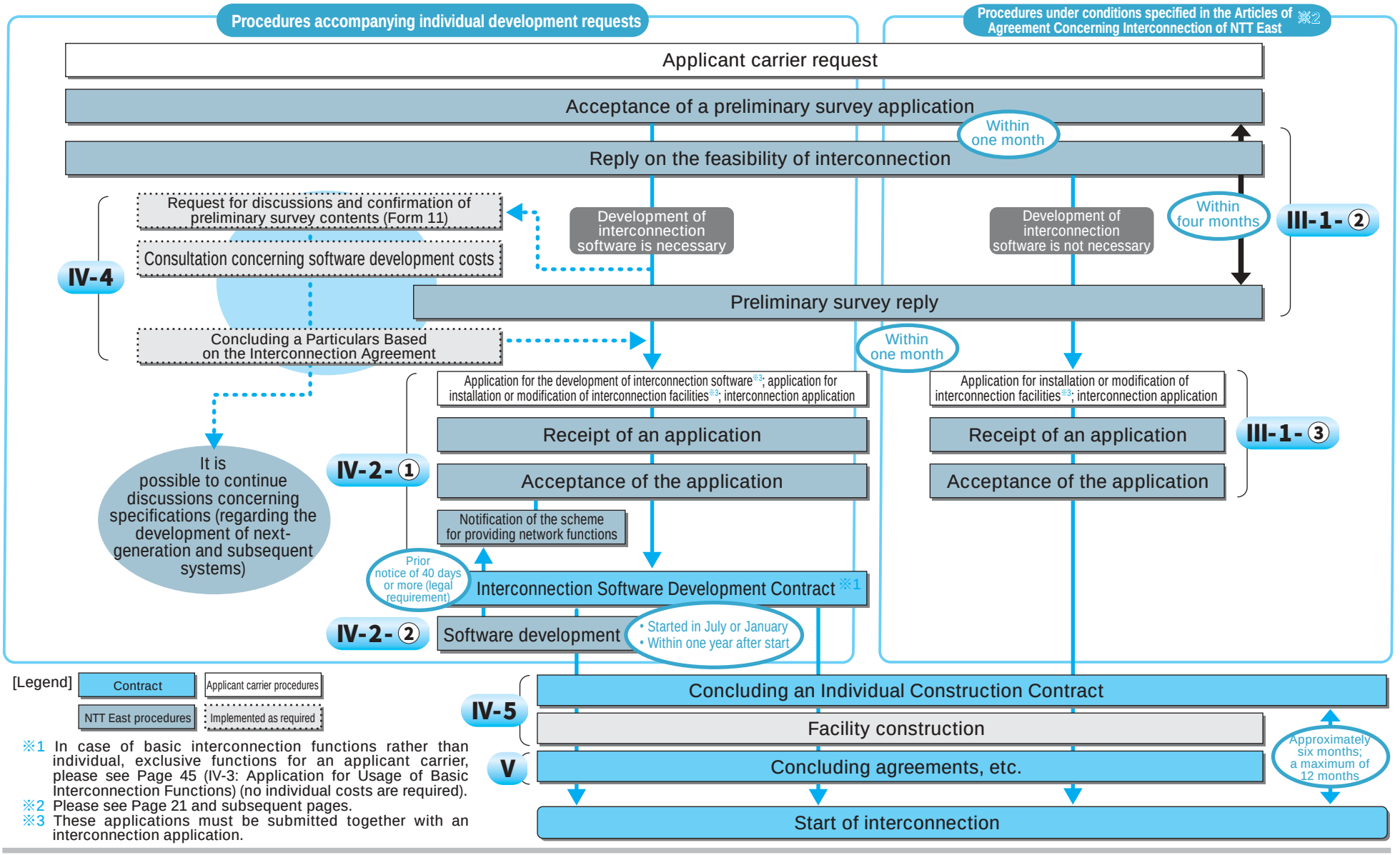
※6 In the event intra-office optical fiber facilities cannot be provided by the requested interconnection start timing because there are no unused cores in the section designated by the applicant carrier and if the applicant carrier wishes to enter the relevant communications building to confirm the contents, the applicant carrier is required to submit documentation at least five business days prior to the planned entry date. We will issue a written approval within two business days from the application date in principle. (We will issue a written notice of the reasons in case we cannot accept the application). In such cases, the number of persons entering the building is limited to that necessary for the intended purposes.

IV Development of Interconnection Software and Installation or Modification of Interconnection Facilities

- **IV－1** Procedures for the development of interconnection software and the installation or modification of interconnection facilities
- **IV－2** Development of interconnection software (in cases of individual development requests)
- **IV－3** Usage of basic interconnection functions (in cases other than individual development requests)
- **IV－4** Requests for discussions and confirmation of software development costs (individual development requests)
- **IV－5** Individual construction contract and facility construction



IV－1 Procedures for the Development of Interconnection Software and the Installation or Modification of Interconnection Facilities

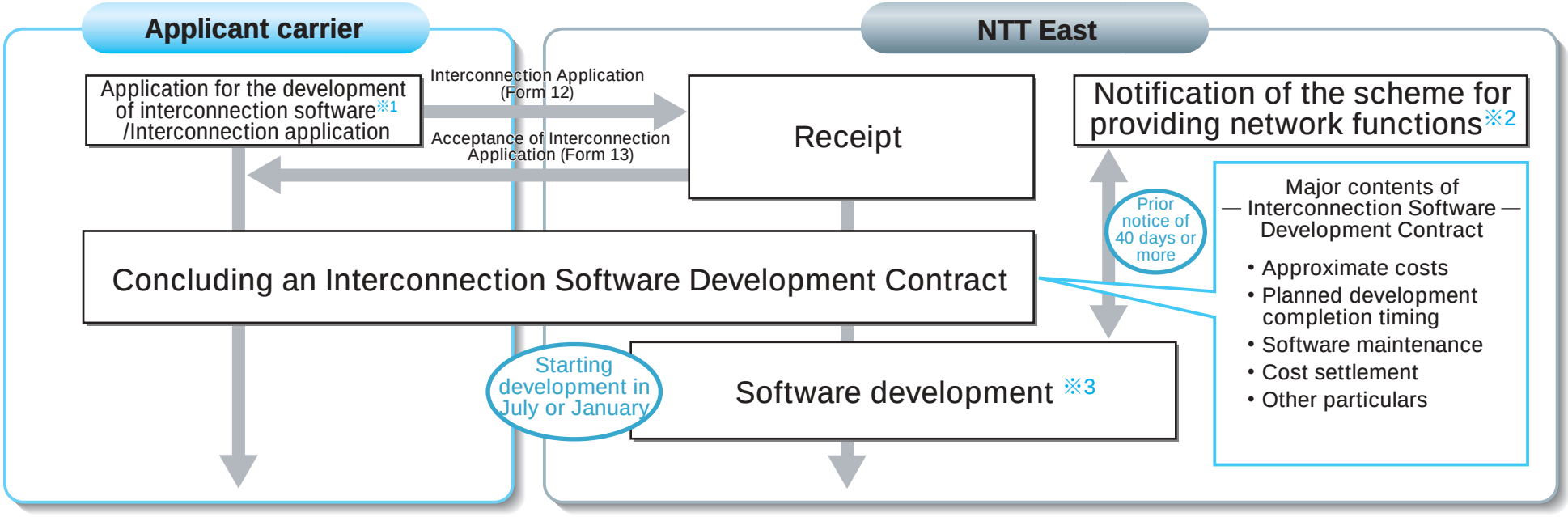


※1 In case of basic interconnection functions rather than individual, exclusive functions for an applicant carrier, please see Page 45 (IV-3: Application for Usage of Basic Interconnection Functions) (no individual costs are required).
※2 Please see Page 21 and subsequent pages.
※3 These applications must be submitted together with an interconnection application.

Ⅳ－２－① Concluding an Interconnection Software Development Contract (Individual Development Requests)

An Interconnection Software Development Contract will be concluded after an interconnection application is accepted. In the event any notification of the scheme for providing network functions is required, NTT East will make such notification 40 or more days prior to the start of development.

☞ Article 32 of the Articles of Agreement Concerning Interconnection



Explanation

※1 Application for the development of interconnection software
When applying for the development of interconnection software, such application must be submitted together with an interconnection application.

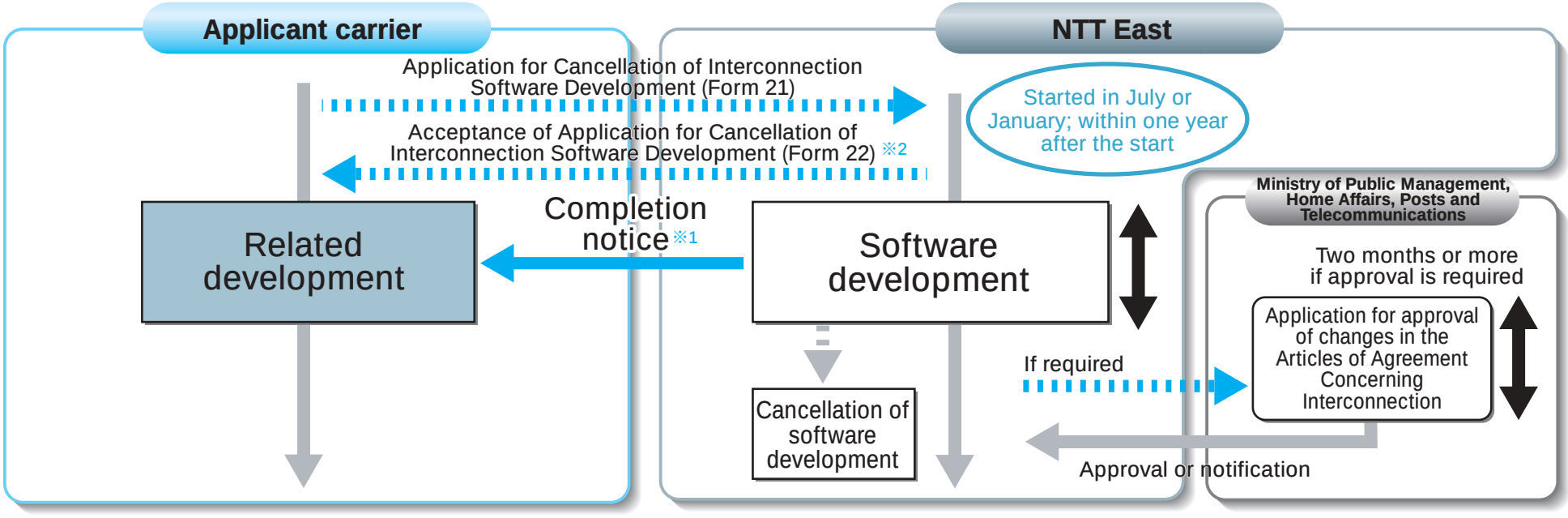
※2 Notification of the scheme for providing network functions:
The notification of the scheme for providing network functions is submitted 40 days or more prior to the start of development (July or January).
- The preconditions for starting development are: (1) the conclusion of an Interconnection Software Development Contract and (2) submitting a notification of the scheme for providing network functions to the MIC.

※3 Title and rights concerning interconnection software:
All rights concerning interconnection software (proprietary rights, copyrights, patent and other intangible property rights) shall belong to NTT East or the third party to which NTT East has consigned the development work.
- In case of basic interconnection functions, there is no need to make an application, etc. (no individual costs are required concerning software development).
- The development of interconnection software includes the installation (or modification) of interconnection facilities that are necessary for the development of the relevant software.

Ⅳ－２－② Development of Interconnection Software (Individual Development Requests)

The development of interconnection software is started in July or January. The development of such software will be completed within one year from the start.

☞ Articles 33, 34 and 38 of the Articles of Agreement Concerning Interconnection



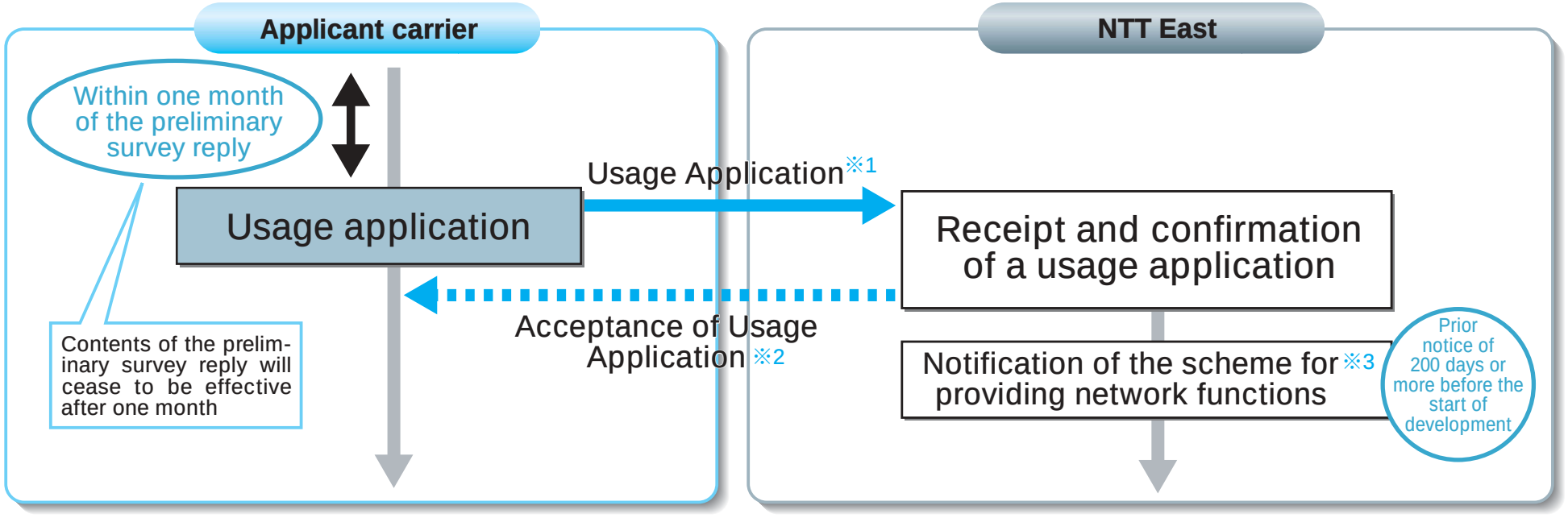
Explanation

※1 Completion notice:
After the completion of software development work (including associated facility modifications), the necessary inspections and testing are conducted and a written completion notice will be issued.
- ○The applicant carrier may cancel the development of interconnection software before its completion. In such cases, however, the applicant carrier will be separately charged an amount calculated in accordance with the provisions of the Interconnection Software Development Contract.
- ○The period of one year may be exceeded depending on the requested contents, the level of difficulty, fluctuations in total development volume, etc.

※2
- ○NTT East will accept a written application for cancellation that is submitted before the completion of interconnection software development.
- ○The payment of any expenses newly incurred by the cancellation and the expenses that have already been incurred prior to the cancellation is required.

Ⅳ－3 Application for Usage of Basic Interconnection Functions (In Cases Other than Individual Development Requests)

For functions that are not subject to individual software development requests (i.e., basic interconnection functions = standard functions that can be commonly used by carriers including NTT East at the standard points of interconnection), please submit a basic function usage application within one month from the preliminary survey reply.



Explanation

※1 Basic Function Usage Application (please use the Interconnection Application (Form 12)).

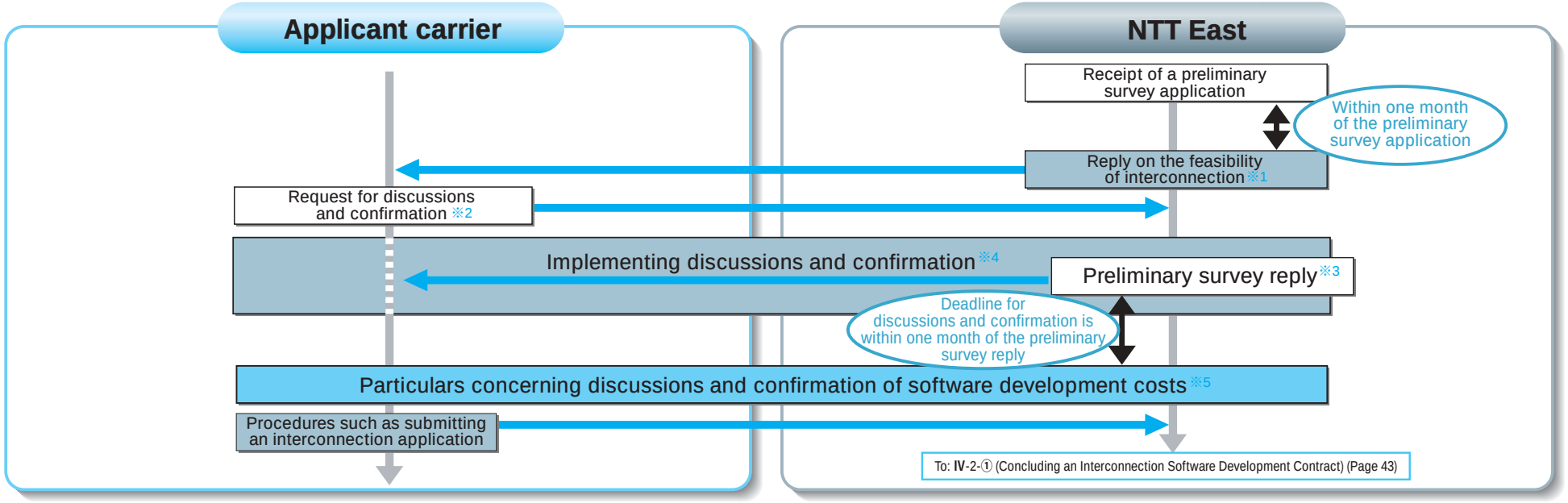
※2 Acceptance of Usage Application (the Acceptance of Interconnection Application (Form 13) will be used).
If the function to be developed is a basic interconnection function, it is not necessary for the applicant carrier to pay the costs individually. In such cases, please submit an application for the usage of said function. Following the receipt of a usage application, NTT East will start development only after completing the required notification in accordance with the scheme for providing network functions, publishing announcements in the official gazette and holding seminars for applicant carriers.

※3 Please see the "Usage of Functions Specified in the Scheme for Providing Network Functions" (Page 47).

Ⅳ－4 Request for Discussions and Confirmation of Preliminary Survey Contents (Individual Development Requests)

In principle, discussions and confirmation of software development costs will be initiated upon receiving a Request for Discussions and Confirmation from an applicant carrier after NTT East has provided a reply on the feasibility of interconnection. Discussions and confirmation will take place within the effective period of the preliminary survey reply (notification of estimated costs; within one month after providing such reply) after receiving a request for discussions and confirmation from an applicant carrier, and an agreement will be concluded concerning the particulars of the discussion and confirmation contents. When an agreement is reached about software development conditions, please submit an interconnection application.

☞ Articles 14 and 15 of the Articles of Agreement Concerning Interconnection



Explanation

※1 Please see "Ⅲ-1-② Feasibility of Interconnection and Preliminary Survey Reply"

※2 Request for discussions and confirmation:
These requests will be accepted at any time even during the preliminary survey period. No form is prescribed for these requests.
※Even if discussions are undertaken, no change will be made in the standard interconnection period specified in the Articles of Agreement Concerning Interconnection.

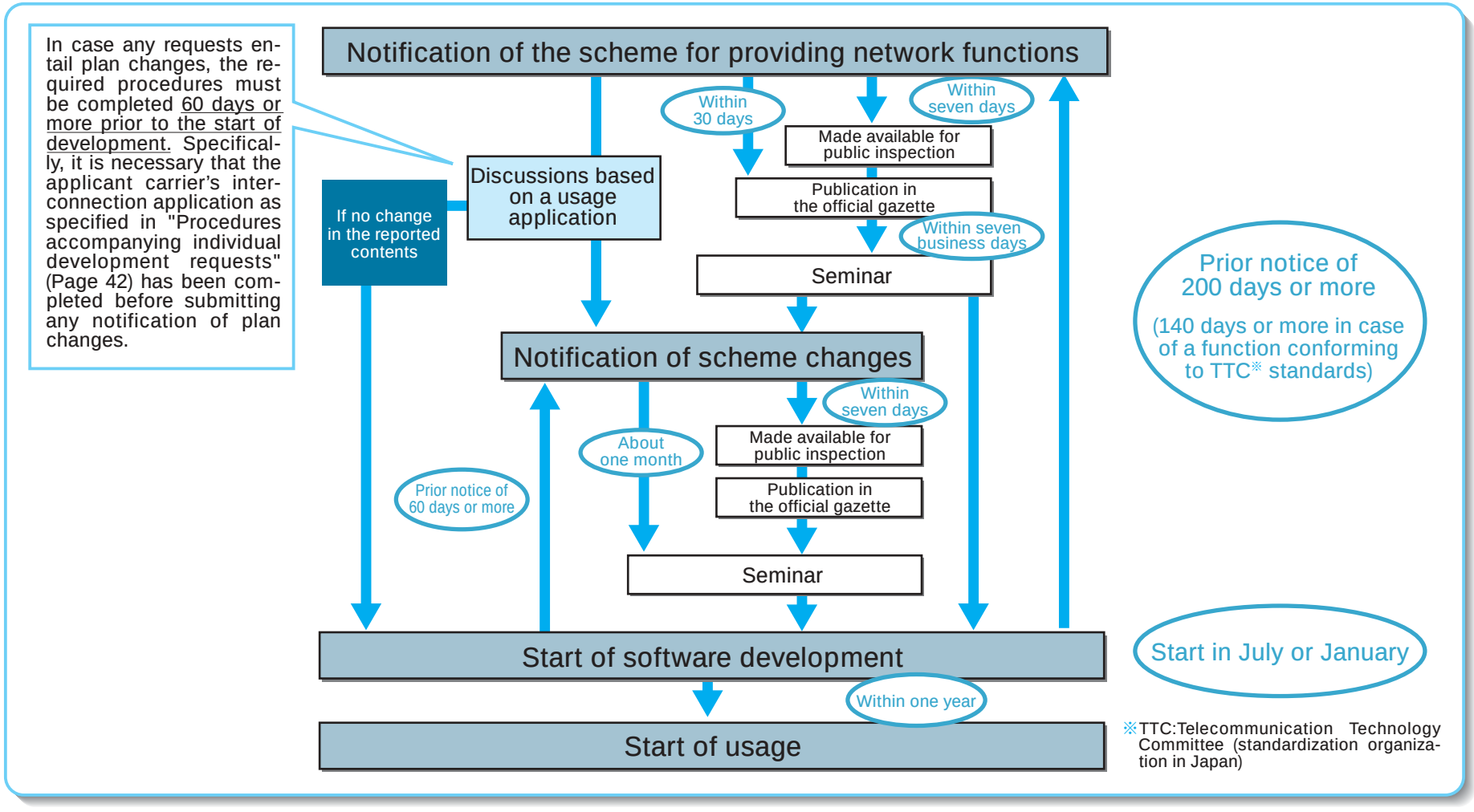
※3 Preliminary survey reply:
The development scale and cost information will be provided in the preliminary survey reply.

※4 Contents of discussions and confirmation:
○Before the preliminary survey reply:
Information concerning the estimate prepared by an applicant carrier is provided, and specifications are confirmed.
○After the preliminary survey reply:
Whole discussions are held concerning the appropriateness of the development scale and the need to review specifications on the basis of the estimate prepared by NTT East, it is recommended that an applicant carrier also prepare an estimate and present such information as anticipated development costs, the development scale and unit prices in order to make these discussions more useful.
※Even if an applicant carrier does not prepare such estimates on its own, discussions will still be held.

※5 Particulars concerning the discussion and confirmation of software development costs:
An applicant carrier is requested to make a decision on the continuation or completion of discussions, and an agreement is concluded with NTT East concerning the particulars of such discussion contents.
When an interconnection application is to be made, please submit an Interconnection Application.
In case of continuing the discussions, the contents of the estimated cost notification will cease to be effective in principle.

(Reference) Usage of Functions Specified in the Scheme for Providing Network Functions

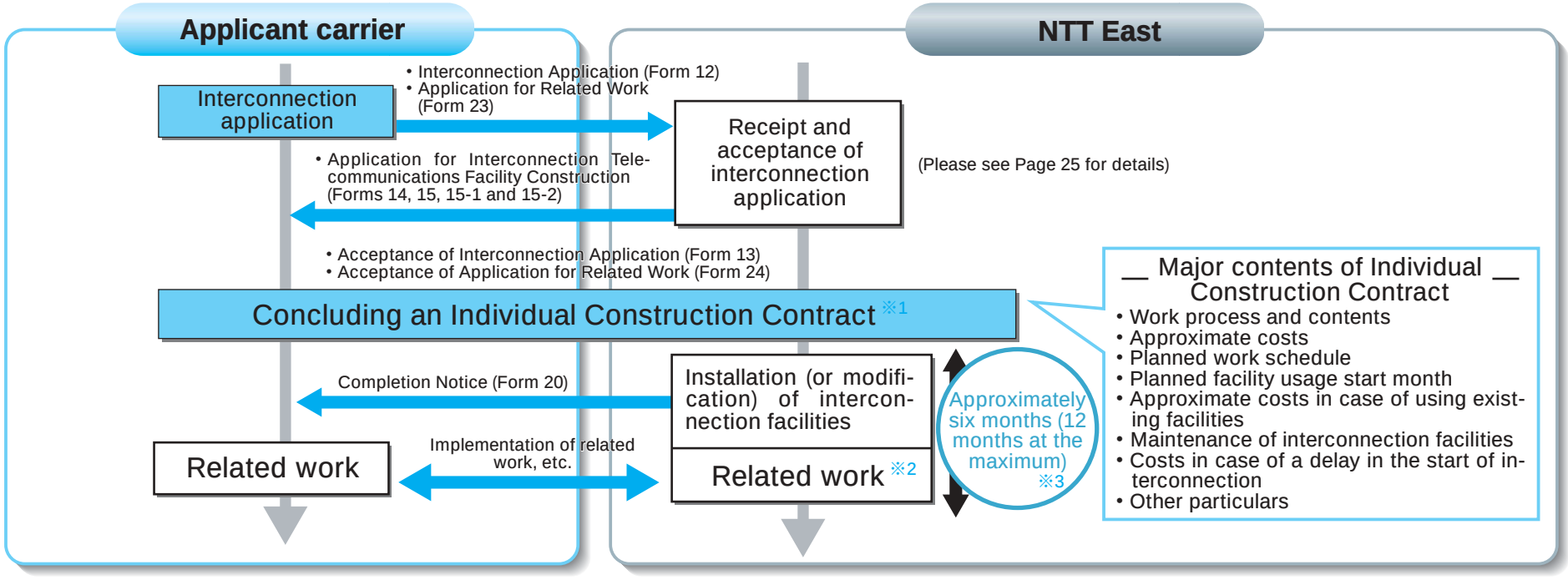
NTT East submits a notification of the scheme for providing network functions to the Minister of the Public Management, Home Affairs, Posts and Telecommunications pursuant to the Telecommunications Business Law for functions to be developed for its own and joint usage with other carriers. The outline of these plans is announced in the official gazette and is available at the Information Station, etc. Seminars are also held for interested carriers. We invite you to refer to these services as needed.



IV－5 Individual Construction Contract and Facility Construction

In case the installation or modification of NTT East interconnection facilities is required, such work will be started upon the conclusion of an Individual Construction Contract. NTT East will complete the work in approximately six months (a maximum of 12 months) after concluding this contract. (The specific period will be specified in the Individual Construction Contract.)

☞ Articles 26 through 29 and 38 of the Articles of Agreement Concerning Interconnection



Explanation

※1 If installation or modification of interconnection facilities is required, an application for installation or modification of interconnection facilities must be submitted together with an interconnection application.

※2 After the completion of the installation (or modification) of NTT East interconnection facilities, the necessary inspections and testing are conducted and a written completion notice will be issued.
Changes or the cancellation of the installation (or modification) of interconnection facilities may be accepted if such request is made before the completion of interconnection facilities. In such cases, however, the applicant carrier will be separately charged an amount calculated in accordance with the provisions of the Individual Construction Contract.
In the event of changes, there may be cases in which we are unable to meet the requested completion timing.

[Forms for Changes or Cancellation]
• Application for Change in Interconnection Telecommunications Facility Construction (Form 16)
• Application for Cancellation of Interconnection Telecommunications Facility Construction (Form 18)

※3 If any related work (interconnection testing, translator work, switchover work, etc.) is required, we will implement such work in cooperation with the applicant carrier. As necessary, we will conclude a Memorandum of Understanding that outlines the details of the related work to be implemented.

※4 In case of interconnection involving minor work only (e.g., translator registration) for an applicant carrier with whom interconnection has already been established, the requested interconnection can be started within an even shorter time period (six months at the maximum).

(Reference) Outline of Related Work

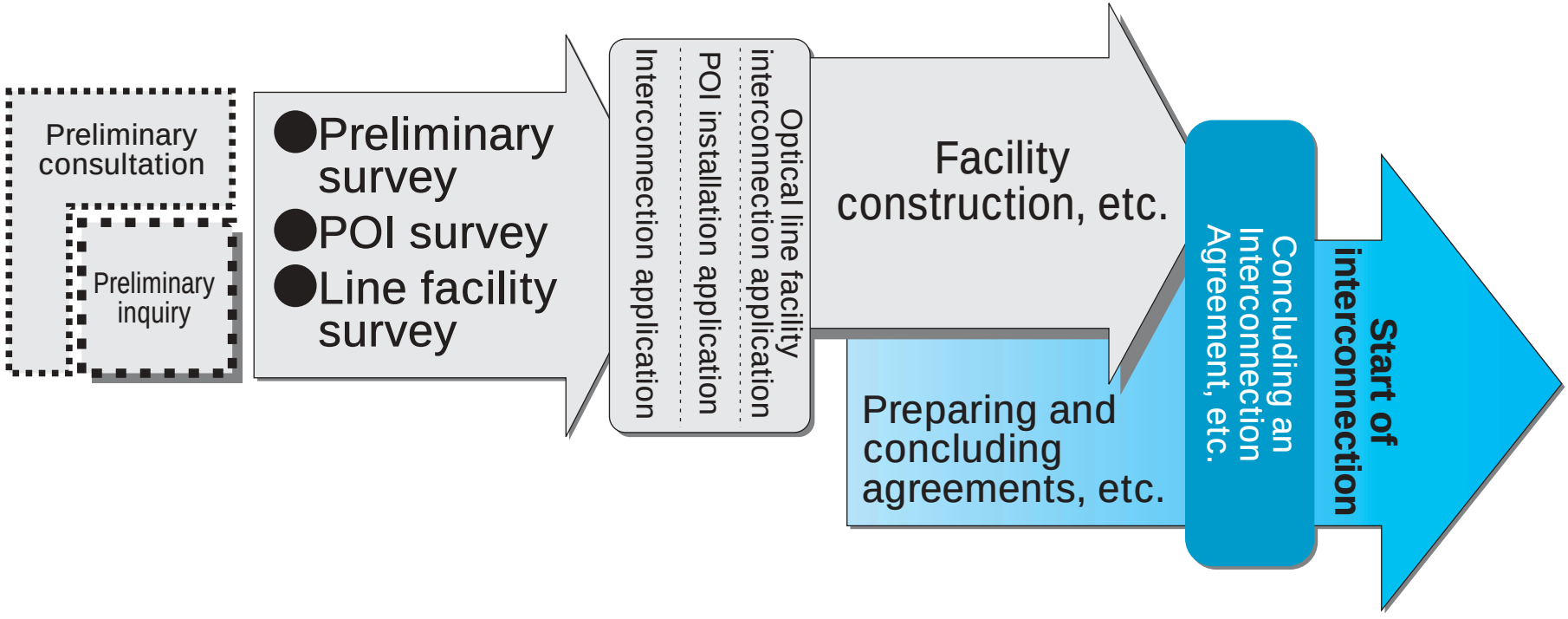
In newly establishing an interconnection, the following tests and/or work will be implemented as necessary.

Item	Outline of Work
Interconnection testing	○Confirmation testing conducted on actually operating facilities in order to confirm normal communications between carriers before service start. ○Mutually required test items are not subject to the billing of expenses. ※This does not cover any tests using simulated network test facilities (test bed).
TLR work	○Conducting switch TLR (number translator) work and other data changes related to start of interconnections as necessary. ○The payment of expenses for work is required for any work implemented at the request of an applicant carrier.
Switchover work	○Conducting switchover work for related switches and lines as necessary. ○The payment of expenses for work is required for any work implemented at the request of an applicant carrier.
Local switch interconnection line installation work, etc.	This work is conducted when the number of interconnection lines used to interconnect contracting carrier facilities is increased or decreased.

Ⅴ Concluding an Interconnection Agreement

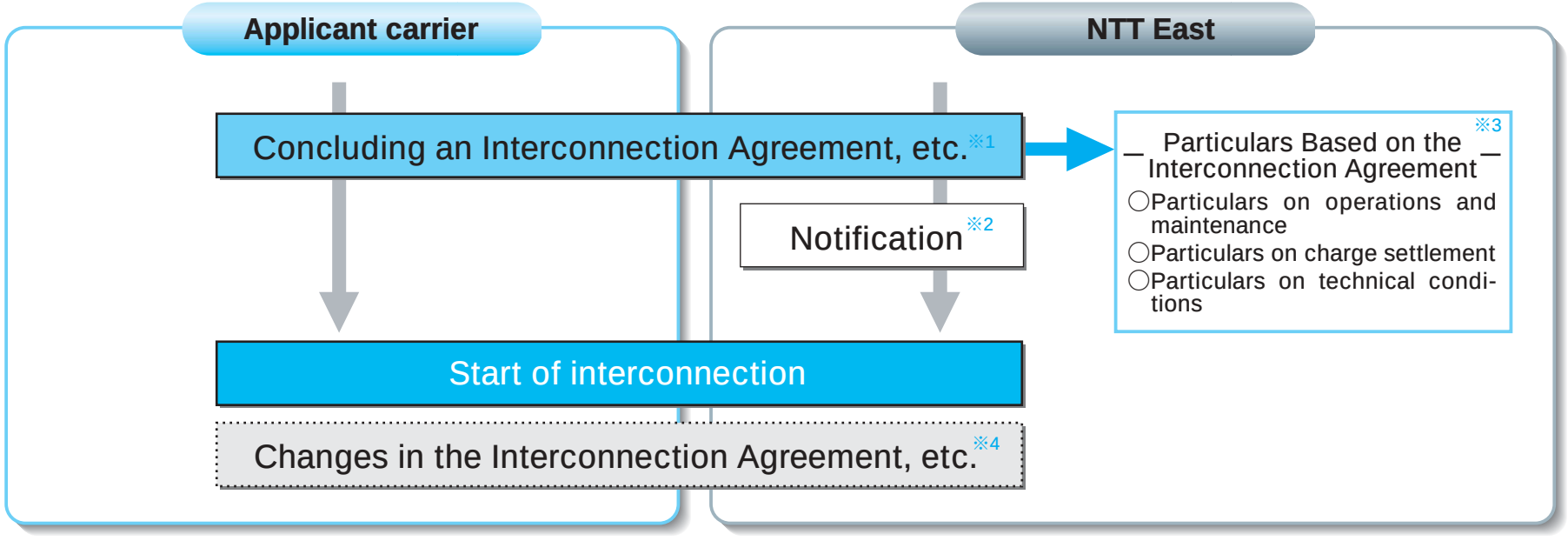
Ⅴ－1 Concluding an Interconnection Agreement, etc.

Ⅴ－2 Interconnection-related matters for which your cooperation is requested



V – 1 Concluding an Interconnection Agreement, Etc.

An Interconnection Agreement will be concluded by the start of interconnection, and a notification of the conclusion of such agreement will be submitted to the Minster of Public Management, Home Affairs, Posts and Telecommunications. The Particulars Based on the Interconnection Agreement that detail specific administrative procedures after the start of interconnection will also be concluded as required. These contracts are necessary to establish the conditions for smooth interconnection operations. ☞ Articles 40 through 46 of the Articles of Agreement Concerning Interconnection



Explanation

※1 In parallel with equipment installation, etc., an Interconnection Agreement will be concluded.
※2 The approval of the Minster of Internal Affairs and Communications (MIC) is required for an Interconnection Agreement if any portion of the interconnection conditions applied to NTT East or the applicant carrier is not based on the Articles of Agreement Concerning Interconnection that have been approved by the MIC.
※3 The Particulars Based on the Interconnection Agreement, shown in the table at right, that detail specific administrative procedures after the start of interconnection will be concluded as required. These contracts are necessary to establish the conditions for smooth interconnection operations.
※4 This means the transfer of or succession to the status under the agreement, or change, cancellation or termination of the agreement.

<Outline of Particulars Based on the Interconnection Agreement>

Classification	Major Contents
Particulars on operations and maintenance	Basic matters (flow of each step, contact numbers, etc.) related to maintenance between carriers in order to facilitate smooth network interconnection operations.
Particulars on charge settlement	To smoothly conduct clerical processing for the billing and payment of charges, the calculation method of the amounts to be settled, specific payment methods and the matters on which the understanding of an applicant is to be obtained (e.g., clerical processing concerning the application for interconnection leased line service such as DSL) are confirmed.
Particulars on technical conditions	Detailed technical conditions (signaling network configuration, test numbers, etc.) for which options are provided to the applicant carrier under the Articles of Agreement Concerning Interconnection are confirmed.

V－2 Interconnection-Related Matters for Which Your Cooperation is Requested

We request your cooperation in the following matters in order to smoothly carry out interconnection.

☞ Articles 47 through 52 of the Articles of Agreement Concerning Interconnection

■Confidentiality obligation

- Each party agrees to strictly keep confidential all technical, business or any other information of either party that is not made publicly available and which either party may come to know in connection with interconnection, and shall not use same for other than the intended purpose. (However, this shall not apply when disclosure is required by law or ordinances and/or when the written consent of the other party is obtained.)

■Notification of necessary matters

- Each party agrees to notify the other party in writing of any change in its company name, the suspension or discontinuation of its business, business licensing and any information concerning interconnection, such as additions, changes or discontinuation of points of interconnection.

■Estimated traffic or estimated number of circuits

- An applicant carrier agrees to provide NTT East with estimated traffic volume, the estimated number of lines and other necessary information as requested by NTT East, such as traffic volume and the number of lines for each POI and each switch, traffic volume for each unit rate area, traffic volume for each local exchange number, information on accommodation status of transmission equipment, etc.

■Maintenance

- Each party agrees to exert every effort to avoid causing congestion, trouble or other damage to the other party's telecommunications facilities.
- Each party agrees to maintain its interconnected telecommunications facilities so as to comply with the Business Use Telecommunications Facilities Regulations and the technical conditions specified by NTT East for each point of interconnection.
- Both parties agree to discuss specific matters concerning facility maintenance and to stipulate such matters in the Particulars on Operations and Maintenance.

■Interconnection among multiple carriers

- In the event an applicant carrier establishes interconnection with another carrier via NTT East, or in case another carrier establishes interconnection with an applicant carrier, there are many cases in which agreements are concluded among all carriers involved.
- In the above cases, it is necessary for the carrier that is requesting the interconnection to arrange the interconnection negotiations among carriers.

VI Contact Numbers for Inquiries, Applications, Etc.

Classification	Section	Telephone Number
Carriers already interconnected to NTT East	Please contact your account manager at the Interconnection Business Promotion Section, Interconnection Promotion Department	
Carriers wishing to newly establish interconnection with NTT East	Interconnection Business Promotion Section, Interconnection Promotion Department	+813-5359-4125
General inquiries regarding interconnection and information disclosure	Interconnection Planning & Billing Section, Interconnection Promotion Department	+813-5359-4120
Any applications using Forms 6, 14 through 16, 18, 25, 26, and 28 are accepted at the NTT East branch in the relevant area.		