

Chapter 1 Government Bonds (JGBs)

1 Primary Market for Government Bonds

JGBs for financing fiscal expenditure are issued in various types, depending on their legal grounds and bond features. This section explains how JGBs are issued.

(1) JGBs by Legal Grounds of Issuance

JGBs can be divided into two main categories: General Bonds, and Fiscal Investment and Loan Program Bonds (FILP Bonds). While the government mainly relies on tax revenue and others to redeem General Bonds, the redemption and the interest payments on FILP Bonds are mainly covered by the collection of Fiscal Loan receivable. However, both General Bonds and FILP Bonds are jointly issued as JGBs with the same interest rate and maturity. They are the same financial instruments and are treated in the same manner on the market as well (👉).

👉 Among GX Economy Transition Bonds and their Refunding Bonds, those issued based on the framework that describes such as the use of proceeds are issued as labelled bonds “Japan Climate Transition Bonds.”

Ref: I, 2 Box 4, “Initial Issuance of ‘Japan Climate Transition Bonds’” (P25) and Chapter 1, 2 (2), “Japan Climate Transition Bonds” (P42)

Fig. 2-1 JGBs by Legal Grounds of Issuance

JGBs	General Bonds	Construction Bonds
		Special Deficit-Financing Bonds
		Reconstruction Bonds
		GX Economy Transition Bonds
		Children Special Bonds
		Refunding Bonds
	Fiscal Investment and Loan Program Bonds (FILP Bonds)	

A. General Bonds

General Bonds consist of Construction Bonds, Special Deficit-Financing Bonds, Reconstruction Bonds, GX Economy Transition Bonds, Children Special Bonds and Refunding Bonds. Construction Bonds and Special Deficit-Financing Bonds are issued under the General Account and the revenue from their issuance is reported as the government revenue of the General Account.

On the other hand, Reconstruction Bonds are issued under the Special Account for Reconstruction from the Great East Japan Earthquake, GX Economy Transition Bonds under the Special Account for Energy Measures, Children Special Bonds under the Special Account for Child and Child-rearing Support (the Special Account for Pensions in FY2024), and Refunding Bonds under the Special Account of Government Debt Consolidation Fund and the revenue from their issuance is reported as the government revenue of each Special Account.

a. Construction Bonds

Article 4, paragraph (1) of the “Public Finance Act” prescribes that annual government expenditure has to be covered in principle by annual government revenue generated from

other than government bonds or borrowings. But as an exception, a proviso of the Article allows the government to raise money through bond issuance or borrowings for the purpose of public works, capital subscription or lending. Bonds governed by this proviso of Article 4, paragraph (1) are called “Construction Bonds.”

The Article prescribes that the government can issue Construction Bonds within the amount approved by the Diet, and the ceiling amount is provided under the general provisions of the General Account budget (☞).

b. Special Deficit-Financing Bonds

When estimating a shortage of government revenue despite the issuance of Construction Bonds, the government can issue government bonds based on a special act (☞①) to raise money for the purpose of other than public works and the like. These bonds are generally called “Special Deficit-Financing Bonds.”

As is the case with Construction Bonds, the government can issue Special Deficit-Financing Bonds within the amount approved by the Diet and the ceiling amount is provided under the general provisions of the General Account budget (☞②).

Special Deficit-Financing Bond issuance must be made in exceptional cases. Therefore, the government has to minimize the issuance amount as much as possible within the amount approved by the Diet, while taking into account the state of tax and other revenues (☞③).

c. Reconstruction Bonds

To recover from the Great East Japan Earthquake disasters, the government is supposed to issue Reconstruction Bonds from FY2011 to FY2025 in accordance with the “Act on Special Measures concerning the securing of financial resources to execute measures necessary for recovery from the Great East Japan Earthquake (Reconstruction Funding Act).” While necessary financial resources will be financed with revenues of Special Taxes for Reconstruction, the government will issue Reconstruction Bonds as bridging finance until these revenues are receivable to the government.

Reconstruction Bonds can be issued within the amount as approved by the Diet, and the ceiling amount is stipulated in the general provisions of the Special Account budget from FY2012 onwards.

d. GX Economy Transition Bonds

To support upfront investment toward the realization of the “Strategy to Promote Transition to the Decarbonized Growth Economic Structure,” (☞) the government is supposed to issue GX Economy Transition Bonds from FY2023 to FY2032, which amount to approximately 20 trillion yen in accordance with the “Act on Promoting Transition to the Decarbonized Growth Economic Structure (GX Promotion Act).”

The bonds will be redeemed with future revenues coming from the introduction of a carbon pricing mechanism.

GX Economy Transition Bonds can be issued within the amount approved by the Diet, and the ceiling amount is stipulated in the general provisions of the Special Account budget.

☞ When intending to get approval for this ceiling amount, the government submits to the Diet a redemption plan that shows the redemption amount and the redemption periods for each fiscal year for reference.

☞① The “Act on Special Provisions concerning Issuance of Public Bonds to Secure Financial Resources Required for Fiscal Management” allows Special Deficit-Financing Bonds to be issued for five years from FY2021 to FY2025.

☞② The government is also required to submit a redemption plan to the Diet for reference.

☞③ In this context, it is allowed to issue Special Deficit-Financing Bonds until the end of June in the next fiscal year (deferred issuance in the accounting adjustment term).

☞ This is a strategy to comprehensively and systemically promote GX based on the GX Promotion Act.

e. Children Special Bonds

For strengthening Policies supporting children and child-rearing, the government is supposed to issue Children Special Bonds depending on the need as bridging finance from FY2024 to FY2028 in accordance with the Child and Child Care Support Act in order not to be short of financial resources until stable financial resources will be secured by FY2028. Children Special Bonds can be issued within the amount approved by the Diet, and the ceiling amount is stipulated in the general provisions of the Special Account budget.

f. Refunding Bonds

As for General Bonds, Refunding Bonds are issued in order to raise funds for refunding part of matured JGBs. Among General Bonds, as for Construction Bonds and Special Deficit-Financing Bonds, the issuance amount of Refunding Bonds is determined basically in accordance with the 60-year redemption rule. Regarding Reconstruction Bonds, Refunding Bonds are issued depending on the amount of the revenues from Special Taxes for Reconstruction and profit from sales of stocks, which are considered to be financial resources for reconstruction. As for GX Economy Transition Bonds, Refunding Bonds are issued depending on the amount of the revenues from GX Surcharge (surcharge on fossil fuel supply) and GX-ETS (Emissions Trading Systems) Auction. With respect to Children Special Bonds, the issuance amount of Refunding Bonds will be determined depending on the amount of revenue from Child and Child-rearing Support Levy. (🔗)

Refunding Bonds are the JGBs issued through the Special Account for the Government Debt Consolidation Fund (GDCF). Revenues from Refunding Bonds are directly posted to the fund.

In the issuance of Refunding Bonds, the government is not required to seek the Diet approval for the maximum issuance amount. This is because unlike in the case of bonds issued to secure new revenue resources such as Construction Bonds and Special Deficit-Financing Bonds, issuing Refunding Bonds does not lead to an increase in the total amount of outstanding debt.

(Reference) Front-loading issuance of Refunding Bonds

As massive bonds redemption at maturity is expected to continue, the government is allowed to front-load the issuance of Refunding Bonds in order to mitigate the impact of concentration of bonds redemption at maturity, to control substantial volatility of JGB market issuance in each fiscal year and to enable flexible issuance of them in response to financial conditions and so on.

Front-loading issuance of Refunding Bonds can be issued within the upper limit approved by the Diet in accordance with Article 47, Paragraph (1) of the “Act on Special Accounts.” The limit is provided in the general provisions of the Special Account budget in each fiscal year. The gap between “the amount of the front-loading issuance of Refunding Bonds that had been scheduled in the previous fiscal year for this fiscal year” and “those that are scheduled front-loading in this fiscal year for the next fiscal year” can be used as part of this fiscal year’s financial resources under the government debt management policy. This is called “adjustment between fiscal years (🔗)” in terms of issuance type in the JGB Issuance Plan.

Ref: Chapter 1 3 (1), “Redemption System” (P63)

🔗 In line with tax revenues through the consumption tax increases after FY2014, Refunding Bonds are issued for Special Bonds for Covering Public Pension Funding, which were issued in FY2012 and FY2013 based on the special law for Special Deficit-Financing Bonds legislated in FY 2012 as bridging finance until tax revenues are assured for the finance of the increase of the Government’s contribution to the basic national pension.

🔗 The adjustment includes the difference in the amount of issuance in the accounting adjustment term between the current and the previous fiscal years besides that of front-loading-issuance of Refunding Bonds. In the accounting adjustment term, which means a period from April to June, some of the Special Deficit-Financing Bonds and others for the previous fiscal year can be issued.

B. Fiscal Investment and Loan Program Bonds (FILP Bonds)

Since the FY2001 reform of the FILP (Fiscal Investment and Loan Program) that abolished the requirement for all postal savings and pension fund reserves to be deposited at the Fiscal Loan Fund, the government has issued Fiscal Investment and Loan Program Bonds (so-called FILP Bonds) to raise financial resources as necessary for the Fiscal Loan Fund. FILP Bonds are issued integrally with General Bonds based on the credit of the government and treated as the same financial instrument as General Bonds. As is the case with other types of JGBs, FILP Bonds are issued up to the amount approved by the Diet. The FILP Bond issuance ceiling is provided under the general provisions of the Special Account Budget (Article 62, paragraph (2) of the “Act on Special Accounts”) (①). Revenues from the FILP Bonds issuance are allotted to the annual revenue for the Special Account for the Fiscal Investment and Loan Program (FILP Special Account).

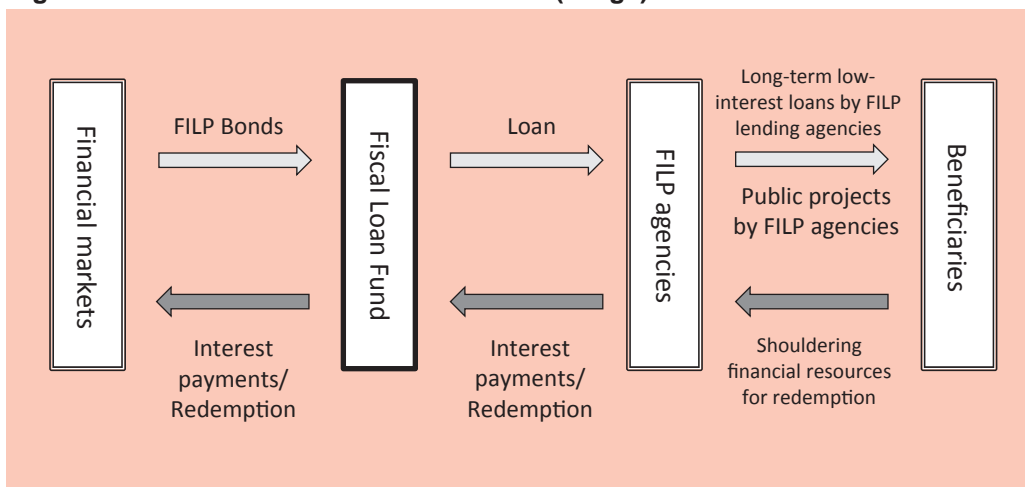
However, the FILP Bonds are different from Construction Bonds and Special Deficit-Financing Bonds on one account. While future taxes will be used to redeem Construction Bonds and Special Deficit-Financing Bonds, the redemption on the FILP Bonds are covered by the collection of Fiscal Loan receivable. Therefore, when publishing outstanding debt, FILP Bonds are treated differently from General Bonds (②).

Ref: “FILP Report” at the MOF website

① As with Construction Bonds and Special Deficit-Financing Bonds, the government is required to submit a redemption plan to the Diet for reference.

② Also in the System of National Accounts (SNA), which is created by the United Nations for each country to create economic statistics based on a common standard, FILP Bonds are not classified as debt of the general government.

Fig. 2-2 FILP Fund Flow Since FILP Reform (image)



(2) Types of JGBs

Government bonds are the securities issued by the central government. The central government pays the bondholders interest on the securities on a semiannual basis except for short-term bonds, and redeems the principal amount at maturity (i.e., redemption). The JGBs planned to be issued in FY2024 can be classified into seven categories: short-term (1-Year Bonds); medium-term (2-Year and 5-Year Bonds); long-term (10-Year Bonds); super long-term (20-Year, 30-Year and 40-Year Bonds); Inflation-Indexed Bonds (10-Year Bonds); Japan Climate Transition Bonds (5-Year and 10-Year Bonds); and JGBs for Retail Investors (3-Year Fixed-Rate, 5-Year Fixed-Rate and 10-Year Floating-Rate Bonds).

The short-term JGBs are all discount bonds, which are accompanied by no interest payment during their duration to maturity and redeemed at face value at maturity.

On the other hand, all medium-, long-, super long-term bonds, Japan Climate Transition Bonds and JGBs for Retail Investors (3-Year Fixed-Rate, 5-Year Fixed-Rate) are the bonds with fixed-rate coupons. With fixed-rate coupon-bearing bonds, the interest calculated by the coupon rate (①) determined at the time of issuance (②) is paid on a semiannual basis until the security matures and the principal is redeemed at face value.

Inflation-Indexed Bonds (JGBi) are securities whose principal amounts are linked to the consumer price index (CPI) (③). Thus, although their coupon rates are fixed, the interest payment also fluctuates. The principal amount of JGBi will be guaranteed at maturity (deflation floor). In case where the indexation coefficient (④) falls below 1 at maturity, the principal amount for the JGBi will be redeemed at the face value.

JGBs for Retail Investors (10-Year Floating-Rate) are JGBs with coupon rates that vary over time according to certain rules.

① The lower limit of the coupon rate was reduced from 0.1% to 0.005% for issues to be placed from FY2021.

② In the case where the period of time between an issue date and the first interest payment date falls short of six months, accrued interest is generated. The accrued interest is an amount representing interest for the period of time where a JGB purchaser does not hold a JGB (six months minus the period of time where the purchaser actually holds the JGB). It is paid by the JGB purchaser upon JGB issuance for adjustment.

③ Japan's Inflation-Indexed Bonds are indexed to the consumer price index (excluding perishables).

④ The indexation coefficient measures how much the CPI changed after an issue date.

⑤ 15 Year Floating-Rate Bonds are JGBs with coupon rates that vary over time according to certain rules. However, issuance of these bonds has been suspended since their issuance in May 2008, and their redemption ended in May 2023.

Fig. 2-3 Types of JGBs

Maturity	Short-term			Medium-term		Long-term
	1-Year			2-Year, 5-Year		10-Year
Type of issue	Discount bonds			Coupon-bearing bonds		
Min. face value unit	50,000 yen			50,000 yen		
Issuance method	Public offering BOJ Rollover			Public offering OTC sales (making offerings and accepting subscriptions)		
Auction method	Price-competitive auction/ Conventional-style auction			Price-competitive auction/ Conventional-style auction		
Non-price Competitive Auction	Non-Price Competitive Auction I			Non-Competitive Auction Non-Price Competitive Auction I Non-Price Competitive Auction II		
Transfer restrictions	Unrestricted			Unrestricted		

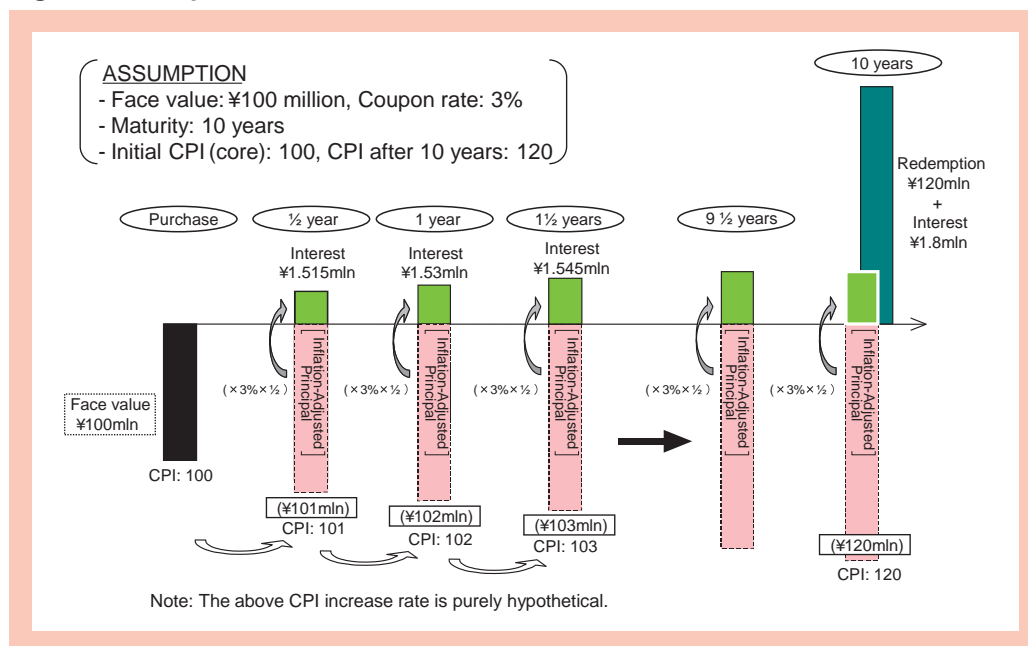
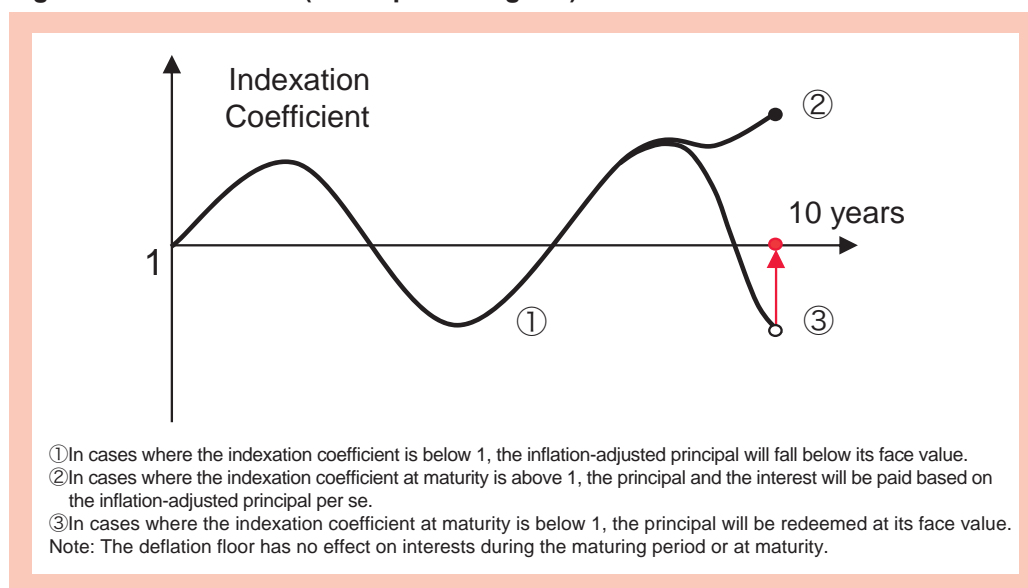
Maturity	Super long-term			Inflation-Indexed Bonds	Japan Climate Transition Bonds	JGBs for Retail Investors
	20-Year	30-Year	40-Year	10-Year	5-Year, 10-Year	3-Year Fixed-Rate, 5-Year Fixed-Rate, 10-Year Floating-Rate
Type of issue	Coupon-bearing bonds					
Min. face value unit	50,000 yen			100,000 yen	50,000 yen	10,000 yen
Issuance method	Public offering			Public offering	Public offering	OTC sales (making offerings and accepting subscriptions)
Auction method	Price-competitive auction/ Conventional-style auction	Yield-competitive auction/ Dutch-style auction		Price-competitive auction/ Dutch-style auction	Yield-competitive auction/ Dutch-style auction	—
Non-price Competitive Auction	Non-Price Competitive Auction I Non-Price Competitive Auction II	Non-Price Competitive Auction II		—(Note 1)	—	—
Transfer restrictions	Unrestricted			Unrestricted	Unrestricted	Restricted (Note 2)

Note 1: Non-Price Competitive Auction II of Inflation-Indexed Bonds has been suspended since May 2020.
Note 2: JGBs for Retail Investors can be transferred only to retail investors (including certain trust custodians).

(Reference 1) Inflation-Indexed Bonds

The Inflation-Indexed Bonds (JGBi) are bonds whose principal (and relevant interests) fluctuates in line with the core consumer price index (Fig. 2-4). The government began to issue JGBi in March 2004 and suspended their issuance in October 2008 due to a sharp demand decline accompanying the global financial crisis and other changes. In October 2013, the government resumed JGBi issuance with the principal guarantee upon maturity (Fig. 2-5).

The development of the JGBi market has remained a key to address market environment changes after overcoming deflation and to diversify JGB products.

Fig. 2-4 Conceptual Scheme of Inflation-Indexed Bonds**Fig. 2-5 Deflation Floor (Conceptual Diagram)**

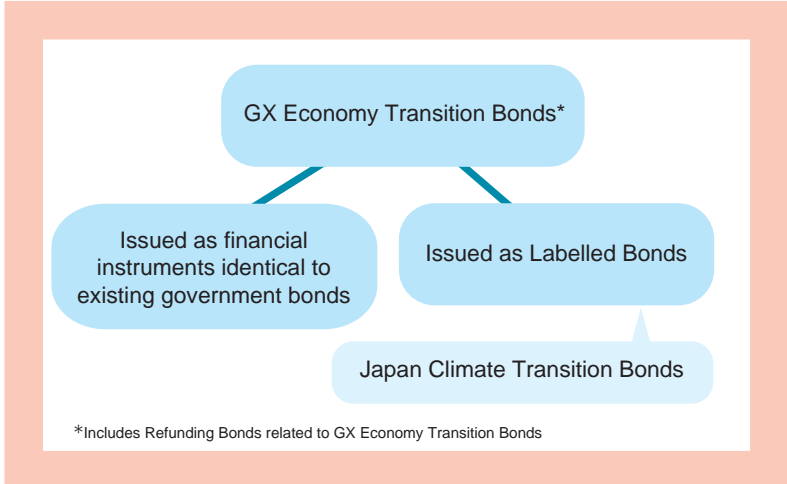
(Reference 2) Japan Climate Transition Bonds

Ref: I, 2 Box 4, "Initial Issuance of 'Japan Climate Transition Bonds'" (P25)

a. Issuance of labelled bonds

GX Economy Transition Bonds and their Refunding Bonds are not limited to be issued as financial instruments identical to existing government bonds (including Construction Bonds, Special Deficit-Financing Bonds, and Reconstruction Bonds). They are issued as labelled bonds, "Japan Climate Transition Bonds", based on the framework that have been certified by second party opinion from external reviewers for compliance with international standards (Fig. 2-6).

(Fig. 2-6) Issuance of GX Economy Transition Bonds



b. Overview of the Japan Climate Transition Bond Framework

The Japan Climate Transition Bond Framework describes details such as the issuer's transition strategy, use of proceeds, and post-issuance reporting.

Transition strategy: In order to realize Japan's international commitment to reduce greenhouse gas emissions by 46% by FY2030 (compared to FY2013 levels) and to achieve carbon neutrality by 2050, the Japan Climate Transition Bond Framework puts forth a variety of strategies, including the "Strategy for Promoting Transition to a Decarbonized Growth Economic Structure" (GX Promotion Strategy) (Cabinet Decision on July 28, 2023) that was formulated based on the GX Promotion Act.

Use of proceeds: Based on the GX Promotion Strategy, use of proceeds are classified into "eligibility criteria" such as promotion of thorough energy efficiency improvement, restructuring the manufacturing industry, and making renewable energy a major power source, and typical examples of them are cited such as promoting the spread of energy-efficient appliances, floating offshore wind, perovskite, development and introduction of innovative technologies such as hydrogen reduction for steelmaking, and conversion to Carbon-Recycling production systems.

Reporting: After issuance, (1) allocation reporting (summarizing the allocation of proceeds to GX budget projects) and (2) impact reporting (summarizing environmental improvement effects and case studies etc.) will be reported on an annual basis.
(2) will be done within two years from the issuance, as it may take some time to determine the effects and impacts of the projects.

(3) Methods of Issuance

Methods of issuing JGBs are basically divided into three: offerings to the market, sales to retail investors, and offerings to the public sector.

A. Offering to the market

JGBs are principally issued in public offering on market-based issue terms.

a. Auction method

① Price/yield-competitive auction

Price/yield-competitive auction is a method in which each auction participant (①) submits a bidding price (or yield) and bidding amount in response to the issue terms (e.g., issuance amount, maturity, coupon rate (②)) presented by the MOF, and the issuance price and amount will then be determined based on the bids.

In this type of auction, the issuing authority starts selling first to the highest price bidder in descending order (or to the lowest yield bidder in ascending order) till the cumulative total reaches the planned issuance amount. In Japan, the auction method varies by type of security. One is the conventional (multiple price) method by which each winning bidder purchases the security at one's bidding price; and the other is the Dutch-style (single price/yield) method by which all winning bidders pay the lowest accepted bid price regardless of their original bid prices (or yields) (③).

② Non-competitive auction

Besides competitive auction, 2-Year, 5-Year and 10-Year Bonds are also issued through non-competitive auction. This approach is to take into account small and medium market participants who tend to submit a smaller bid than their larger counterparts. Biddings for non-competitive auction are offered at the same time as for the price-competitive auction, and the price offered equals to the weighted average accepted price of the price competitive auction. One can bid for either the price competitive auction or the non-price-competitive auction.

The maximum issuance amount is 10% of the planned issuance amount. Each participant is permitted to bid up to 1 billion yen (④).

③ Non-Price Competitive Auction I & II

Non-Price Competitive Auction I is an auction in which biddings are offered at the same time as for the price-competitive auction. The maximum issuance amount is set at 25% of the total planned issuance amount and the price offered is equal to the weighted average accepted price of the price-competitive auction. Only the JGB Market Special Participants are eligible to bid in this auction. Each participant is allowed to bid up to the amount set based on the result of its successful bids during the preceding two quarters. Inflation-Indexed Bonds are not subject to Non-Price Competitive Auction I.

Non-Price Competitive Auction II is an auction carried out after the competitive auction is finished. The price offered is equal to the weighted average accepted price in the competitive auction by the conventional method or issuance price in Dutch-style competitive auction. Only the JGB Market Special Participants are eligible to bid in this auction. Each participant is allowed to bid up to the amount set based on the result of its bids during the preceding

① No coupon rate of new 40-Year and Japan Climate Transition Bonds is given in advance as it is determined based on the result of yield-competitive auction.

② Auction participants are designated according to Article 5, paragraph (2) of the Ordinance of the Ministry of Finance on Issuance, etc. of National Government Bonds. As of April 1, 2024, there were 223 auction participants.

③ The price-competitive conventional auction is used for all JGB issues excluding the 40-year Bonds and Japan Climate Transition Bonds subject to the yield-competitive Dutch auction and the Inflation-Indexed Bonds subject to the price-competitive Dutch auction.

④ The ceiling amount to bid is not applied to the Shinkin Central Bank, the Shinkumi Federation Bank, the Rokinren Bank and the Norinchukin Bank.

two quarters (☞). Inflation-Indexed Bonds, Japan Climate Transition Bonds and Treasury Discount Bills issues are not subject to Non-Price Competitive Auction II.

b. Reopening rule

In March 2001, the immediate reopening rule was introduced for the purpose of the enhancement of JGB liquidity, etc. The rule treats a new JGB issue as an addition to an outstanding issue immediately from the issuance day, in principle, if the redemption date and the coupon rate for the new issue are the same as those for the outstanding issue. 5-Year Bond issues are subject to the rule (☞).

From the viewpoint of securing market supply of each issue, 10, 20, 30 and 40-Year Bonds, Japan Climate Transition Bonds and Inflation-Indexed Bonds in FY2024 are subject to the following rule, which is more advanced than the immediate reopening rule.

The 10-Year Bonds will be integrated into four issues (integrating April, May and June issues in 2024 into the April issue, July, August and September issues in 2024 into the July issue, October, November and December issues in 2024 into the October issue, and January, February and March issues in 2025 into the January issue) unless interest rates fluctuate wildly (the market yield on an auction day for a new issue deviates from the coupon on the previous issue with the same maturity date by more than 30 basis points). The reopening rule will also be used in principle to integrate 20-Year and 30-Year Bonds each into four issues. The 40-Year Bonds (May, July, September, November, January and March issues) will be integrated into one issue (May issue) in principle. Japan Climate Transition Bonds will be integrated into one issue by maturity in principle (for 10-Year Japan Climate Transition Bonds, integrating May and October issues into the May issue; and for 5-Year Japan Climate Transition Bonds, integrating July and January issues into the July issue). Inflation-Indexed Bonds issues (May, August, November and February issues) will be integrated into one issue (May issue) in principle.

☞ Each participant is allowed to bid up to 10% of one's total successful bids in the competitive auction and Non-Price Competitive Auction I.

☞ As redemption dates for 2-Year Bonds differ from auction to auction, 2-Year Bonds are not effectively subjected to the reopening rule (Ref: III Chapter 1 1(5) "Principal/Coupon Payment Corresponding to Days of Issuance in FY2024" (P114)).

B. JGBs and sales system for Retail Investors

a. JGBs for Retail Investors

In March 2003, issuance was started on 10-Year Floating-Rate Bonds for Retail Investors (☞①) in order to promote JGB holdings among individuals. Moreover, in order to respond to retail investors' various needs and to promote further sales, the government has been improving product features by introducing 5-Year Fixed-Rate and 3-Year Fixed-Rate Bonds. Issuance of JGBs for Retail Investors rests on handling and distribution by their handling institutions comprised of securities companies, banks, and other financial institutions as well as post offices (about 900 institutions). The handling institutions are commissioned by the government to accept purchase applications and to sell this type of JGBs to retail investors. Handling institutions are paid a commission by the government corresponding to the handled issuance amounts (☞②).

Ref: Part I, 3 (1) "JGB Holdings by Retail Investors" (P27)

☞① JGBs for Retail Investors are designed not to lose principal. The minimum interest rate of 0.05% is set to prevent the rate from falling to zero or becoming negative.

☞② For JGBs for Retail Investors from the October 2020 issue (offered in September 2020), the government cuts the sales commission (to 0.08 yen per 100 yen nominal par for 3-Year Fixed-Rate Bonds, to 0.11 yen for 5-Year Fixed-Rate Bonds and to 0.14 yen for 10-Year Floating-Rate Bonds) and pays 0.02% of the balance of the participant's account at the time of interest payment on this type of JGBs as an account management fee.

b. New Over-The-Counter (OTC) sales system for selling marketable JGBs

In addition to JGBs for Retail Investors, in October 2007 a new OTC sales system for marketable JGBs was introduced in order to increase retail investors' purchase opportunities with regard to JGBs (2-Year, 5-Year, and 10-Year Bonds).

With regard to this new OTC sales system, it allows private financial institutions to engage in subscription-based OTC sales of JGBs in a manner previously exclusive to post offices. This development allows retail investors to purchase JGBs easily and almost always at numerous financial institutions. Depending on market yield conditions, however, the acceptance of subscriptions may be suspended.

As with JGBs for Retail Investors, for the new OTC sales system, the government has commissioned financial institutions (about 580 institutions) to conduct subscriptions and sales of JGBs. Note that while these financial institutions are required to accept subscription and sell JGBs at prices defined by the MOF for a certain period of time, they are not required to purchase any unsold JGBs.

Fig. 2-7 Comparison of JGBs for Retail Investors and New Over-The-Counter (OTC) Sales System

	JGBs for Retail Investors			New OTC JGBs		
	10-Year Floating-Rate	5-Year Fixed-Rate	3-Year Fixed-Rate	10-Year Marketable Fixed-Rate Bonds	5-Year Marketable Fixed-Rate Bonds	2-Year Marketable Fixed-Rate Bonds
Maturity	10-year	5-year	3-year	10-year	5-year	2-year
Frequency of issuance	Monthly (12 times per year)			Monthly (12 times per year)		
Purchase units/purchase value limits	Minimum purchase of 10 thousand yen in 10 thousand yen units/No upper limit			Minimum purchase of 50 thousand yen in 50 thousand yen units/Maximum value of 300 million yen per individual application		
Sales price	100 yen per 100 yen of face value (the same as the redemption)			Determined by MOF for each issue. (It is possible to sell at any time on the market. However, the price may change if the bonds are sold before maturity.)		
Purchasers	Limited to retail investors			No restrictions (can also be purchased by corporate entities or condominium associations etc.,).		
Interest rate	Floating-rate	Fixed-rate		Fixed-rate		
Minimum interest rate	Present (0.05%)			Absent		
Redemption before maturity	Once one year has elapsed since issuance, redemption before maturity due to government buy-back shall be possible at any time (there is no principal loss risk). The two interest payments are deducted immediately preceding redemption (pre-tax) x0.79685.			Can be sold at any time on the market (however, because the price at time of sale shall be the market price at that time, loss/profit shall occur on sales (there is a principal loss risk). Furthermore, there is no scheme for the government to buy-back these bonds before maturity.)		
Introduction (1st issuance)	March, 2003	January, 2006	July, 2010	October, 2007		

Fig. 2-8 Major Improvements in Features of JGBs for Retail Investors

Implementation timing	Improvements
March 2003	10-Year Floating-Rate Bonds launched
January 2006	5-Year Fixed-Rate Bonds launched
October 2007	New OTC sales system introduced
July 2010	3-Year Fixed-Rate Bonds launched
July 2011	Interest rate-setting formula revised for 10-Year Floating-Rate Bonds (Standard rate – 0.80% → Standard rate x 0.66)
April 2012	Period changed for a ban on pre-maturity redemption of 5-Year Fixed-Rate Bonds (2 years → 1 year)
December 2013	Monthly subscription and issuance launched for 10-Year Floating-Rate and 5-Year Fixed-Rate Bonds
May 2016	First interest payment adjustments revised

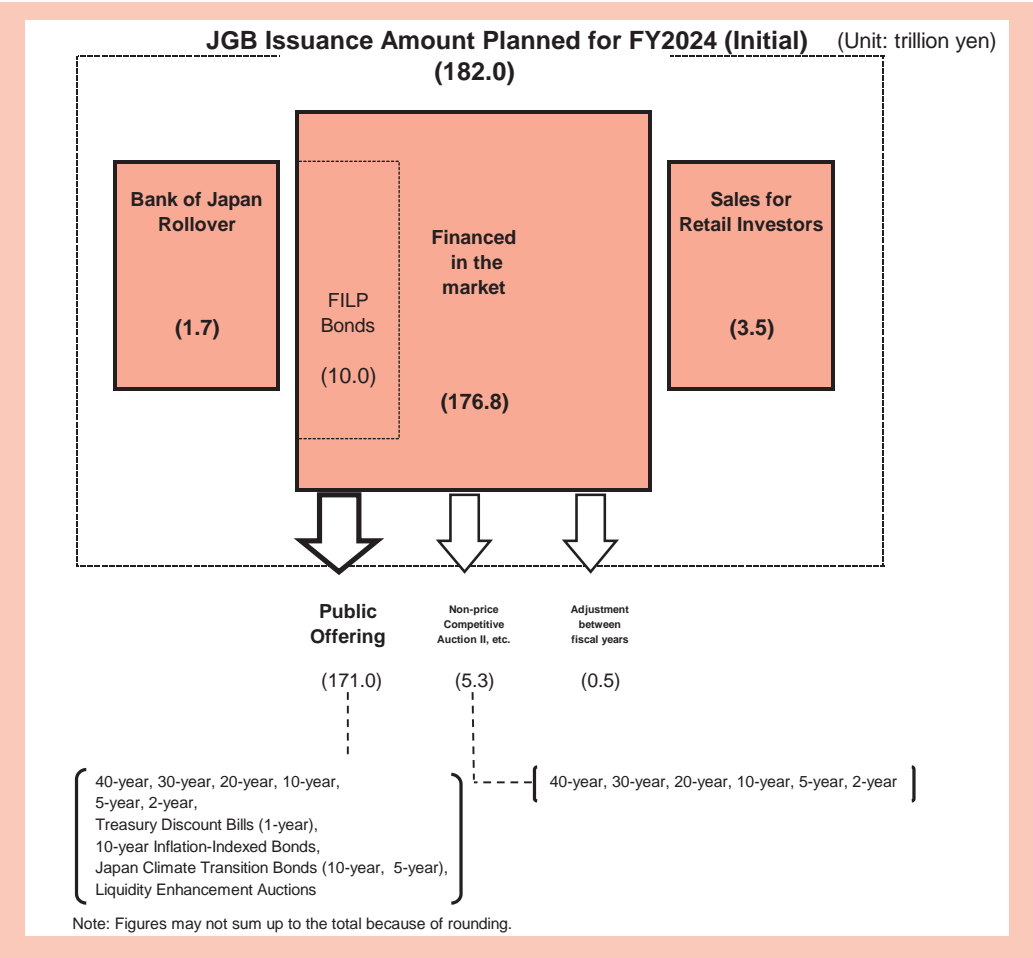
C. Offering to the public sector (Bank of Japan Rollover)

In the Bank of Japan rollover, the BOJ underwrites Refunding Bonds instead of asking the government to redeem part of JGBs that mature after being purchased by the central bank in the market.

While Article 5 of the “Public Finance Act” prohibits the BOJ from underwriting government bonds, the abovementioned BOJ rollover is an exception that is allowed up to an amount authorized by the Diet under a proviso to the Article. Every fiscal year, the MOF requests the BOJ rollover that the central bank accepts after confirming that the rollover will cause no problem with its monetary policy.

An increase in the BOJ rollover can reduce the amount of JGBs issued through usual auctions in the market, allowing the MOF to level the effects of fluctuations in the annual JGB redemption amount and fiscal demand on fluctuations in the amount of JGB market issuance through usual auctions. Therefore, the MOF decides on the BOJ rollover request amount based on the annual JGB Issuance Plan, etc.

Fig. 2-9 JGB Issuance Amount by Methods of Issuance



(4) JGB Market Special Participants Scheme

Amid expectations that JGB issuance in large volumes will continue, the “JGB Market Special Participants Scheme” was introduced in Japan in October 2004 to promote the market’s stable absorption of JGBs and to maintain and enhance the liquidity of the JGB market.

This scheme is designed based on the so-called “Primary Dealer System” introduced in major European countries and the U.S. To achieve the above-mentioned purposes of the scheme, the MOF grants special entitlements to certain auction participants who carry out responsibilities essential to debt management policies, such as active participation in JGB auctions.

The following is an outline of the scheme.

A. Responsibilities of JGB Market Special Participants

- Bidding responsibility:

In every auction, the Special Participants shall bid for an adequate amount (at least the planned issuance amount multiplied by the rate of bidding responsibility) at reasonable prices (①).

- Purchasing responsibility:

The Special Participants shall purchase at least a specified share of the total issuance amount (②) (0.5% for short-term zone; and 1% for other zones) for each of the following zones: short-term, medium-term, long-term, and super long-term zone in auctions for any two consecutive quarters.

- Responsibility in the secondary market:

The Special Participants shall provide sufficient liquidity to the JGB secondary market.

- Provision of Information:

The Special Participants shall provide information on JGB markets and related transactions to the MOF.

① Rate of bidding responsibility is calculated by the formula shown below (any fraction less than one rounded up to the nearest whole number).

Rate of bidding responsibility (%) = $100/n$
“n” is the number of the Special Participants

② The total issuance amount in JGB auctions (excludes issuance amount through Non-Price Competitive Auction II and Liquidity Enhancement Auctions).

B. Entitlements of JGB Market Special Participants

- Entitlement to participate in the Meeting of JGB Market Special Participants:

The Special Participants may participate in the Meeting of JGB Market Special Participants to exchange opinions with the MOF.

- Entitlement to participate in Non-Price Competitive Auctions I & II:

The Special Participants may participate in Non-Price Competitive Auction I held concurrently with a normal competitive auction and in Non-Price Competitive Auction II held after a normal competitive auction. These auctions enable Special Participants to obtain JGBs at the weighted average accepted price in a competitive auction (or at the issuance price in a Dutch-style auction) up to the maximum amount preset for each Special Participant on the basis of the amount of past successful bids (Non-Price Competitive Auction I) and past bids (Non-Price Competitive Auction II) in auctions for the preceding two quarters.

- Entitlement to participate in Liquidity Enhancement Auctions:

The Special Participants may participate in Liquidity Enhancement Auctions that are designed to maintain and enhance the liquidity of the JGB market.

- Entitlement to participate in Auctions for Buy-backs:

The Special Participants may participate in Auctions for Buy-backs.

- Entitlement to apply for the separating and integrating STRIPS Bonds:

The Special Participants may apply for the separation and integration of STRIPS Bonds.

Ref: Chapter 1 2(6)
“STRIPS” (P59)

C. History of the Scheme

- October 2004: JGB Market Special Participants Scheme was introduced, including designation of Special Participants, holding the first round of Meeting of JGB Market Special Participants and launch of Non-Price Competitive Auction II.
- April 2005: Non-Price Competitive Auction I was launched.
- January 2006: Interest Rate Swap Transactions started.
- March 2006: JGB syndicate underwriting system was abolished.
- April 2006: Liquidity Enhancement Auction was launched.
- January 2009: The maximum bid for Non-Price Competitive Auction II was raised from “10% of one’s total successful bids” to “15%” (①).
- April 2015: The maximum amount of bidding by each auction participant was reduced from “100% of the planned issuance amount” to “50% of the amount” and the minimum bidding responsibility amount was raised from “3% of the planned issuance amount” to “4% of the amount.”
- July 2017: The maximum issuance amount for Non-Price Competitive Auction I was raised from “10% of the total planned issuance amount” to “20% of the amount” and the minimum bidding responsibility amount from “4% of the planned issuance amount” to “5% of the amount.”
- January 2020: The maximum bid for Non-Price Competitive Auction II was lowered from “15% of one’s total successful bids” to “10%” (①).
- April 2020: Non-Price Competitive Auction II for the Inflation-Indexed Bonds was canceled.
- March 2022: The bidding responsibility amount was changed from “at least 5% of the planned issuance amount” to “at least 100/n%.”
- April 2024: The maximum issuance amount for Non-Price Competitive Auction I was raised from “20% of the total planned issuance amount” to “25% of the amount.”

① The maximum amount of bidding would not exceed the amount obtained by multiplying the planned issuance amount by the Reference Bidding Coefficient for each Special Participant (amount less than 100 million yen shall be discarded).

(5) Government Bond Administration

A. Items the Bank of Japan handles

The government does not directly undertake JGB-related administrative work, such as issuance and redemption but delegates most of those to BOJ based on Article 1, paragraph (2) of the “Act on National Government Bonds.” This delegated work is as follows (👉).

- Issuance: The BOJ receives bids in auctions, notifies amounts of successful bids, collects payments, issues the securities, and receives and handles revenues.
- Redemption/interest payment: The BOJ pays a principal and interest on JGBs, and receives and handles funds to be used for redemption, and makes their disbursement.

👉 The BOJ provides these government bond-related services through its head office and branches, and through agent financial institutions.

B. The Bank of Japan government bond network system

The BOJ operates the Bank of Japan Financial Network System (BOJ-NET) JGB Services (👉①) to efficiently and safely implement JGB issuance, redemption and other administrative tasks as explained above and the settlement of JGB transactions with its customer financial institutions. Banks, securities companies, money market brokers, insurance companies, etc. participate in the BOJ-NET JGB Services that implement JGB issuance, redemption and other administrative tasks online.

Under the “Act on Book-Entry Transfer of Corporate Bonds and Shares,” JGBs are paperless. JGB transfers are done in the form of transfers on accounts managed by the transfer institution (the BOJ) (👉②).

The BOJ-NET JGB Services allow the following procedures to be completed online:

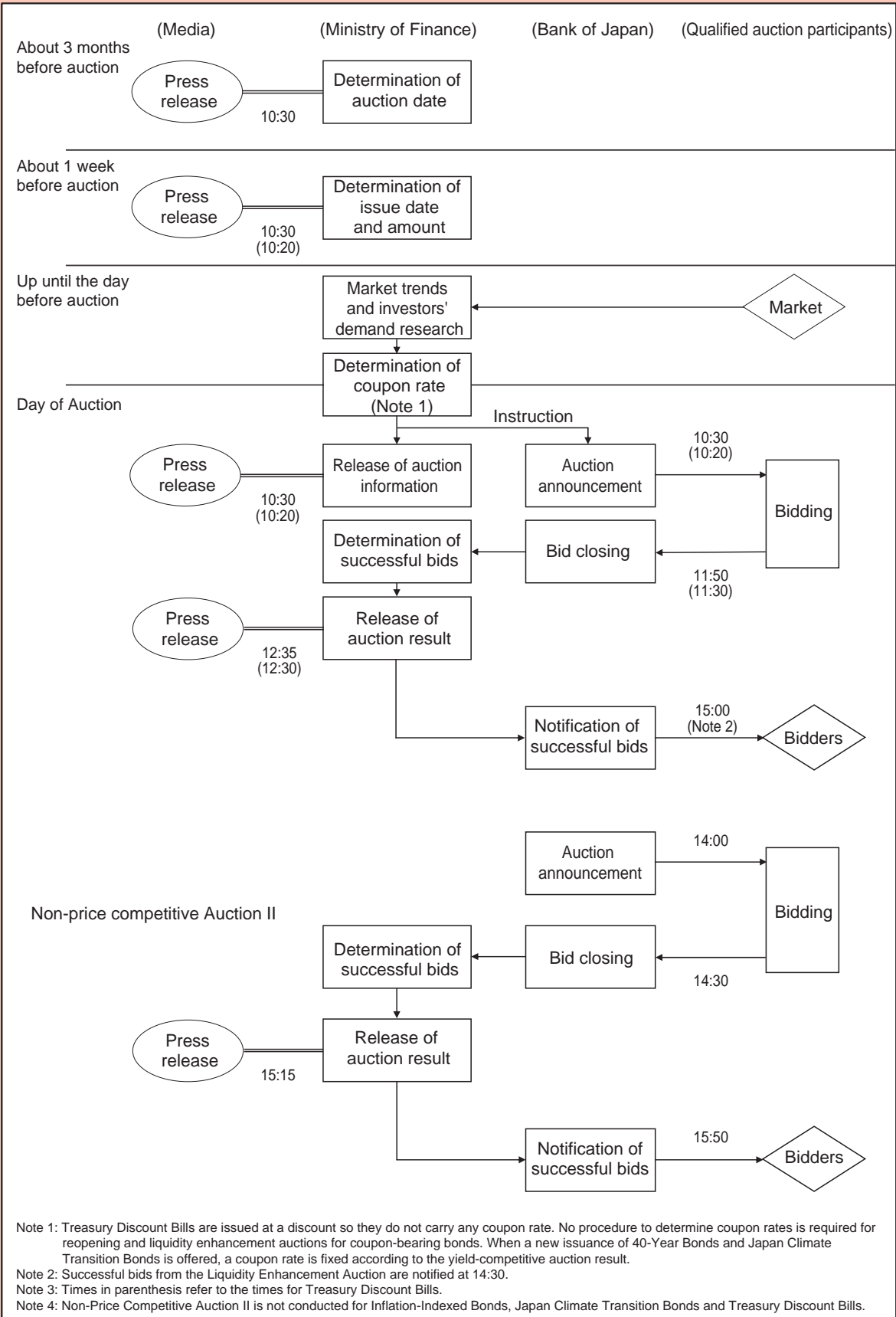
- Notification of offering (from the BOJ to auction participants)
- Bidding (from bidders to the BOJ)
- Aggregating bids and reporting to the MOF on their status
- Notification of accepted/allocated bids (from the BOJ to bidders)
- Issuance and payment (from the BOJ to successful bidders / from successful bidders to the BOJ)

👉① The BOJ-NET includes the BOJ-NET current account system as a fund settlement system and the BOJ-NET JGB Services as a JGB settlement system.

👉② JGBs for this mechanism are called Book-entry transfer JGBs, representing those whose ownership is determined by descriptions or records in book-entry accounts as provided by “the Act on Book-Entry Transfer of Corporate Bonds and Shares” (JGB certificates are not issued.).

C. Auction Procedures for Public Offering Auction

Fig. 2-10 Auction Procedures for Public Offering Auction



D. Shortening of Settlement Cycles in Primary JGB Market

Ref: Chapter1 2(3)C
“Shortening of settlement periods” (P55)

In line with the shortening of the settlement cycle to T+1 for the secondary JGB market, the JGB settlement cycle (between auction and issue date) was shortened from T+2 to T+1 in principle for auctions as from May 1, 2018.

At the same time, the JGB settlement cycle for coupon-bearing bonds (5- to 30-year Bonds) issued in massive redemption months (March, June, September and December) and a 2-year Bonds issued every month were shortened.

① Coupon-bearing (5- to 30-year) JGB Issues in Massive Redemption Months

Although issue date of coupon-bearing (5- to 30-year) JGB in massive redemption months (March, June, September and December) had been unified into the 20th day of each month (the next business day if the 20th day fell on a holiday) irrespective of auction dates, settlement cycles were shortened to T+1, with their issuance set to come on the next business day of the auction, as from May 1, 2018.

② Monthly 2-year JGB issue

Although issue date of the monthly 2-year JGB had been set at the 15th day (the next business day if the 15th day fell on a holiday) of a month after an auction month irrespective of the auction date, the issuance date was set at the first day (the next business day if the first day falls on a holiday) of a month after an auction month as from May 1, 2018. The interest payment and redemption dates were also changed to the first day of each month.