

(English Translation)

New National Stadium International Concept Design Competition  
Submission Guidelines

**JAPAN SPORT**  
COUNCIL

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## **Preface**

The 1964 Tokyo Olympic Games symbolized Japan's reconstruction and return to the international community after the war. The Games were held as a national project, and the National Stadium served as the main venue. Ever since then, the stadium has been treasured as a legacy of the Olympics. Nonetheless, in the half a century since its construction, the stadium is showing signs of age and having difficulty conforming to the international standards of an increasingly diverse range of sporting events.

It is therefore time to turn over a new page in its history, renovating the National Stadium so that it is suitable as a main stadium for the Tokyo Olympic and Paralympic Games that are being sought for 2020 and as a main stadium for the Rugby World Cup that will be held in 2019 in Tokyo.

We are seeking to create a new generation of stadium that is suitable not only for the Olympics, but also for a wide range of international ball and track events, and that will also serve as a center for sport and culture. We have therefore decided to solicit designs from around the world in the expectation of creating a new stadium that will take its rightful place on the world stage. We hope that you will agree with these aims and look forward to seeing your ambitious designs.

Ichiro Kono  
President  
Japan Sport Council

## **Message from Jury Chair**

### A Light for the Future of Mankind

When it was built a half century ago to provide a suitable setting fit for hosting the world's greatest sporting event, the National Olympic Stadium announced the birth of a modern Japanese architecture that simultaneously stood as a declaration of the will of the nation and its people to progress towards the future.

With fifty years gone past, this special legacy of modern Japan will now be reborn anew.

Today, we live in a global society of rapid change in which our daily lives have become increasingly complex. The twenty-first century is also an age in which we are being pressed to respond to immense problems that transcend the realm of any one race or state, such as overpopulation and resource depletion, energy issues, global warming, and other abnormalities in the earth's environment itself.

A stadium to be constructed as a national project in this difficult age should rise above any institutional frameworks and represent a work of architecture built by mankind for the benefit of all humanity. Moreover, it must be a powerful structure that will awaken the determination of people to step forth from the chaotic conditions of the present world in order to construct a new future for human civilization.

What must be created is a place that will serve as a symbol of hope and provide a light for the future of mankind.

We are calling for ideas from across the world to realize an extraordinary work of architecture by bringing together the full power of human wisdom and modern technology.

We look forward to receiving intelligent and passionate proposals that will mark the coming of a new age.

Tadao Ando  
Jury Chair

## I. Entry Requirements

1. Name of Competition  
New National Stadium International Concept Design Competition
2. Competition Method  
Open design competition
3. Host and Organizer
  - 3.1 Hosted by: Japan Sport Council
  - 3.2 Organized by: Bureau of Open Design Competition for the New National Stadium  
10-1, Kasumigaoka-machi, Shinjuku-ku, Tokyo  
Tel: 03-5410-9140  
E-mail: [compe-info@naash.go.jp](mailto:compe-info@naash.go.jp)  
URL: <http://www.jpnsport.com>
4. Purpose and Subject of the Competition
  - 4.1 Purpose  
To solicit conceptual design proposals for the New National Stadium in order to rebuild the existing National Stadium in preparation for the 2019 Rugby World Cup in Japan and in planning to utilize the New National Stadium as the main stadium for the 2020 Olympic and Paralympic Games.
  - 4.2 Subjects  
The subjects of the competition (matters requested for proposals for the conceptual design of the New National Stadium) are as follows: matters pertaining to the design of the stadium, matters pertaining to the exciting atmosphere of the stands, matters pertaining to audience access to the stadium from nearby public transportations such as train stations and entry/exit circulations, matters pertaining to hospitality function and use of the stadium for purposes other than sports, matters pertaining to the environmental friendliness (saving energy, multiple energy sources and greening), matters pertaining to the architectural plan, roof structure and retracting mechanism of the stadium, project costs and construction period.
5. Language  
Japanese or English
  - (1) Applicants may select from Japanese and English as the language for their entries. Entries in Japanese must be accompanied by English versions thereof.
  - (2) Entries must be legible. If an entry is not legible, it may not be accepted.
6. Measurement Units  
Metric system
7. Applicants
  - 7.1 Applicants are eligible to enter into this competition if they meet each and every eligibility requirement defined in (1) through (3) below.
    - (1) Each applicant must be a first-class registered architect office under the provisions of Article 23 of the Architect Act (Act No. 202 of 1950) or a company qualified in a foreign country to provide design and supervision services for a stadium project of the design competition.
    - (2) A representative or a member of each applicant must have qualifications for at least one of the following:
      - (i) First-class registered architect under the Architect Law;
      - (ii) In the case of international applicants, a proper architecture license which allows the firm to supervise a stadium project.
    - (3) A representative or a member of each applicant must have at least one of the following achievements.
      - (i) Laureates for any of the following international architecture awards:
        - (1) The Pritzker Architecture Prize;
        - (2) AIA (American Institute of Architects) Gold Medal;
        - (3) RIBA (Royal Institute of British Architects) Gold Medal;
        - (4) UIA (Union Internationale des Architectes) Gold Medal;
        - (5) The Praemium Imperiale in Honor of Prince Takamatsu (Architecture Division).
      - (ii) Experience in the schematic design or design development of a (rugby, football or

track and field etc.) stadium with a capacity of 15,000 or more.

Please note that the above person must have played an important role in the schematic design or design development as the managing architect or as the chief architect in order to be recognized as a person who has the above achievement.

- 7.2 Notwithstanding the provisions of the immediately preceding paragraph, the following persons are not eligible to enter the design competition:
- (1) Members of the Jury;
  - (2) Staff of Japan Sport Council and affiliates of the Organizer;
  - (3) Family members of the persons defined in (1) and (2) above who live together in the same house, or members of an organization over which such persons defined in (1) and (2) above preside or to which such persons belong, for example as an officer or adviser thereof.
- 7.3 Applicants must not receive direct or indirect assistance or other information in relation to the design competition from the persons defined in the immediately preceding paragraph.

## 8. Schedule

- (1) Guidelines (set of documents to be provided) will be dispatched: from 1:00 pm July 20, 2012 (Japan time; hereinafter the same)
- (2) Registration: opens from July 20, 2012 and must arrive by 5:00 pm September 10, 2012
- (3) Questions may be submitted: from July 20, 2012 and must arrive by 5:00 pm August 20, 2012
- (4) Questions will be answered: September 3, 2012 (current schedule)
- (5) Proposals may be submitted: from September 10, 2012 and must arrive by 5:00 pm September 25, 2012
- (6) First selection: October 16, 2012 (current schedule)
- (7) Proposals being considered for the first prize announced: October 18, 2012 (current schedule)
- (8) Second selection: November 7, 2012 (current schedule)
- (9) Selection results announced: Mid November, 2012 (current schedule)
- (10) Award ceremony: late November, 2012 (current schedule)

## 9. Documents to Be Provided to Applicants

Applicants will be provided with the following documents, which must be downloaded from a dedicated website.

- (1) Application guidelines
- (2) Reference materials (including site plans, vicinity maps, maps that show weather conditions and traffic, a geologic columnar section, current pictures of the surrounding area, aerial photographs, a list of art works and memorial works of the National Stadium, and a layout image of the drawings and documents to be submitted by applicants)
- (3) Registration Form (Form 1), Application Form for Verification of Eligibility (Form 2), Question Form (Form 3), and Certificate of Author (Form 4)
- (4) Confirmation letter (draft)

## 10. Drawings and Documents to be Submitted by Applicants

10.1 The drawings and documents to be submitted by applicants are as follows (hereinafter referred to as the "Works"):

- (1) External and internal perspective drawings of the stadium
  - (i) One (1) external perspective drawing of the proposed stadium (bird's eye view) and three (3) internal perspective drawings (one (1) drawing for each of the following uses: rugby/football, track and field, and concerts), each on an A3 size sheet. The drawings must include people in and around the stadium and other objects and must be colored. The perspectives will be included in the application files for the bid to host the Tokyo 2020 Olympic and Paralympic Games that is to be submitted by the Tokyo 2020 Bid Committee to the International Olympic Committee. The Tokyo 2020 Bid Committee is allowed to decorate and process the perspective by adding logos of the Olympic and Paralympic Games and so forth.
  - (ii) Design explanation: The concept of the four (4) perspectives of the immediately preceding paragraph (i) should be explained in an A1 size sheet.
    - The perspectives in (i) above should be included in the design explanation and a simple concept explanation should be given for each perspective. Conceptual diagrams may be used when necessary. Applicants should try to ensure that their

perspectives are easy to understand visually (e.g., by coloring when necessary). The layout image of the drawings and documents to be submitted by applicants defined in 9.(2) above is required for reference only, and such layout is not necessarily to be adhered.

(2) Facility architecture plan and outline design of the stadium

Given the matters prescribed in "II. Requirements for Design Proposal", applicants should draw a facility architecture plan and outline design of the New National Stadium (stadium), and summarize the following matters into an A1 size sheet. Out of the designated plans, the elevation plans and cross-section plans may be included in the concept explanation of the four (4) perspectives in (1) (ii) above. Please note that the layout image of the drawings and documents to be submitted by applicants as set forth in 9.(2) are for reference only, and such layout is not necessarily to be adhered.

- Concept of plan/design: Explain the basic concept of your design in an easy-to-understand way. Conceptual diagrams may be used when necessary.
- Arrangement plan: Use a 1:6,000 scale. Applicants should try to make it easy-to-understand visually (e.g. by coloring when necessary).
- Floor plans for each floor: Use a 1:2,000 scale. Floor plans should be colored for each function, and applicants should try to make them easy-to-understand visually. Floor plans for the ground level (GL) and datum line (DL) should include boundaries, and the areas which will become parks and public open spaces should be specified, discussing the following matters.
  - Area of the parks
  - Area of public open spaces
  - With respect to the area of the land for construction of facilities, the proportion of public open spaces
- Elevation plans (two (2) facades or more): Use a 1:2,000 scale. Applicants should try to make them easy-to-understand visually (e.g. by coloring when necessary).
- Cross-section plans (two (2) sections or more): Use a 1:2,000 scale. Applicants should try to make them easy-to-understand visually (e.g. by coloring when necessary).
- Idea for access to the stadium and management of crowd flow: Describe clearly your idea for access to the stadium on foot or by car and management of crowd flow (e.g. by using diagrams).

(3) Proposed plans for each theme

The details of your proposed plans for the following themes should each be summarized in an A4 size sheet (1,000 words or less in Japanese, or 500 words or less in English) in an easily comprehensible way through a combination of texts, conceptual diagrams, drawings and image pictures. These should be submitted in duplicate with page numbers.

Theme (i): Idea for stands with exciting atmospheres

Theme (ii): Idea for access to the stadium from nearby public transportations such as train stations and management of crowd flow into and out of the stadium

Theme (iii): Idea for hospitality functions and use of the stadium for purposes other than sports

Theme (iv): Idea for environmental-friendliness (saving energy, multiple energy sources and greening)

Theme (v): Idea for facility architecture plan, roof structure and retracting mechanism of the stadium

Theme (vi): Estimates for project costs and construction period (project costs should be presented separately for the stadium and its outdoor facilities)

(4) Electronic Data

- Applicants must prepare a CD-ROM or DVD which stores the electronic data of (1) through (3) above. Such CD-ROM or DVD must be submitted in duplicate, specifying the company name and author registration number.
- Electronic data should be in a PDF form (approximately 30MB or less per file; the use of compression software is not permitted). Fonts may be embedded or outlined where necessary, and you must make sure that the data may be read using Adobe Reader 9.
- The size of electronic data of the drawings and documents should be the same as those designated in (1) through (3) above. The resolution of photographs and maps should be around 200dpi or more, and should be clearly readable when outputted.

10.2 The Works submitted by applicants may be used for the purposes of selection, and may also be used

in portfolios.

The Works must be unpublished, and only one work should be submitted by each applicant.

10.3 The Works may not be added to or amended after submission.

10.4 Documents or materials other than the Works defined in each of the preceding paragraphs will not be subject to review, even if they are submitted.

#### 11. How to Register

- (1) A person who intends to apply is required to register. No registration fee is required.
- (2) A person who intends to register must fill out the Registration Form (Form 1) and Application Form for Verification of Eligibility (Form 2) completely and post them by e-mail to the Organizer while the registration is open (from July 20, 2012, arriving at the latest by 5:00 pm September 10, 2012) as defined in 8.(2). Their form and contents should be in accordance with the Registration Form and Application Form for Verification of Eligibility to be provided. The documents to be attached to the Application Form for Verification of Eligibility shall be in the form of an image file (JPEG file or GIF file) or a PDF file (readable by Acrobat Reader 9) and shall be attached to the e-mail. The size of the files to be attached to the e-mail should be 3MB or less in total.
- (3) In cases where there are any changes to any of the registered matters after registration, the applicant should forthwith notify the Organizer to that effect via e-mail. No amendment to the registration after the due date for registration will be accepted in principle.
- (4) Registered information will be strictly kept at the Organizer until the selection process is complete.

#### 12. Questions and Answers

- (1) Questions about these application guidelines should be placed in the Question Form (Form 3) provided to the applicant and should be sent via e-mail addressed to the Organizer, during the questions acceptance period defined in 8.(3) (from July 20, 2012, arriving at the latest by 5:00 pm August 20, 2012). Questions should be in accordance with the Question Form provided to the applicant, with regard to their form and contents.
- (2) Questions must arrive by 5:00 pm on August 20, 2012. Any Question Forms that arrive after such time will not be responded to.
- (3) Answers to the questions will be published on a dedicated website.
- (4) Answers to the questions supplement and amend these application guidelines and shall have the same effect as these application guidelines.
- (5) Not all questions will be answered. Only the questions which the Jury deems necessary to answer will be answered.
- (6) No questions other than those in the Question Form provided to applicants or e-mails which are in accordance with such Question Form will be accepted.

#### 13. How to Submit the Works

- (1) The Works should be physically delivered by applicants, by post or by a carrier to the Organizer defined in 3.2.
- (2) Only those Works that arrive by the closing date defined in 8.(5) (from September 10, 2012, arriving at the latest by 5:00 pm September 25, 2012) are valid. In case of delays for special reasons that are not attributable to the applicants, such as a natural disaster, the Works will be accepted for another seven (7) days after the original closing date.
- (3) The Works should be kept in a storage tube or wrapped up in packaging material, so that there are no folds or smudges on the Works.
- (4) Applicants must clearly indicate their address and name on the storage tube or on the packaging material.
- (5) In order to ensure the applicants' anonymity, the Organizer will dispose of the storage tubes and packing materials before the members of the Jury have any contact with the Works and other materials.
- (6) If the Works are severely damaged and are not suitable for review, applicants may be requested to submit their Works again.
- (7) After receiving the Works, the Host will take stringent measures to guard such Works; however, the Host shall not be responsible for any damage due to force majeure such as a natural disaster.
- (8) Works will not be returned and will be disposed of by the Organizer.

#### 14. Ensuring Anonymity

The anonymity of the applicants will be ensured until the first selection is complete by the following methods.

- (1) Applicants should create an author registration number at their discretion using one alphabetic character and four (4) numeric characters. If the author registration numbers of several different applicants coincide, the Organizer will give each of them a branch number.
- (2) Applicants should fill in the Certificate of Author (Form 4) they are provided with with the necessary information, including the author registration number and the company name and address.
- (3) The Certificate of Author shall be enclosed in an envelope, with the author registration number shown on the outside of such envelope. The envelope shall be kept with the Works.
- (4) Applicants should write their author registration number on the lower right corner of the Works.
- (5) The envelope and the Works should not contain any signs that may disclose the identity of the applicant, such as the applicant's company name, the name of the company's representative or any other codes, or any slip of paper which contains any of the aforementioned.

#### 15. Jury

15.1 The Jury will review the Works. The review will be conducted in two steps. Several Works being considered for the first prize will be selected in the first selection, and one (1) winner of the first prize, one (1) winner of the second prize, and one (1) winner of the third prize will be selected in the second selection.

15.2 The Jury consists of the following members.

<Expert Member of the Jury Concerning Facilities Architecture>

Chair	Tadao Ando
Member	Hiroyuki Suzuki
Member	Takayuki Kishii
Member	Hiroshi Naito
Member	Masahito Yasuoka

<Expert Member of the Jury Concerning Facilities Use (for Sports) >

Member	Junji Ogura
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<Expert Member of the Jury Concerning Facilities Use Group (for Cultural Events)>

Member	Shunichi Tokura
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<Architect Member of the Jury with Nationality Other Than Japanese>

Member	Richard George Rogers
Member	Norman Foster

<Host>

Member	Ichiro Kono
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15.3 The Jury will have the following specialist adviser at the Organizer to confirm the feasibility of the basic conceptual project proposals.

Specialist adviser	Akira Wada
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15.4 The Jury is entitled to provide necessary advice regarding supervision of design as stipulated in 20 of these application guidelines.

#### 16. Awards

16.1 The total amount of awards for the open design competition will be 30,000,000 yen.

16.2 The first prize of 20,000,000 yen gross will be awarded to one (1) applicant.

16.3 The second prize of 7,000,000 yen gross will be awarded to one (1) applicant.

16.4 The third prize of 3,000,000 yen gross will be awarded to one (1) applicant.

16.5 The amount of the awards is the amount before tax. The awards shall be paid in Japanese yen.

16.6 The awards will be paid directly to the winners in Japanese yen.

16.7 Any tax on the awards should be borne by the winners.

#### 17. Disqualifications

Works which fall under any of the following will not be subject to review. Even after the winners are announced, the awards may be cancelled and the prizes may be asked to be returned.

- (1) False statements in the Registration Form, Application Form for Verification of Eligibility or Certificate of Author.
- (2) Works submitted with a company name, name of representative or code shown, or with a slip of paper which contains the aforementioned.
- (3) Works not submitted by the due date for submission.

- (4) Works that are identical or similar to papers or design works that have already been published, or Works with respect to which it becomes evident that they infringe a third party's copyright(s) or design right(s).
  - (5) Other Works that do not comply with these application guidelines.
18. Announcement of Selection Results and Award Ceremony
  - (1) Selection results shall be published on a dedicated website, and shall also be notified to every applicant via e-mail.
  - (2) Inquiries about the selection results will not be responded to.
  - (3) After the first selection, the Host will announce the applicants who are being considered for the first prize and their Works, and, after the second selection, the winning applicants (hereinafter referred to as the "Winner(s)") and their Works.
  - (4) The award ceremony will be held for the winner of the first prize (hereinafter referred to as the "First Prize Winner") and will take place at the Council of Advisors for the National Stadium Future Plan which is scheduled for November 2012. The reasonable travel costs incurred by one (1) representative of the First Prize Winner to attend the award ceremony will be borne by the Host.
  - (5) The First Prize Winner will be given the opportunity to present its Works.
19. Exhibition and Portfolio
  - (1) After the end of the design competition, the Host may hold an open exhibition for the Works and exhibit a copy of the selection report.
  - (2) After the announcement of the selection results, the Host may create portfolios and film records that introduce the details of the selection and the winning Works.
20. Relationship between Design Supervisor, Design and Construction Work
  - (1) The First Prize Winner will supervise the design.
  - (2) Supervision of design includes confirmation as to whether the schematic design and design development and construction are implemented as proposed with regard to the matters set forth in 4.2 of these submission guidelines, suggestions of revisions where necessary, and responding to requests and questions with regard to the matters set forth in 4.2 of these submission guidelines from the designer of the schematic design and design development and the relevant builder.
  - (3) The designer of the schematic design and design development will be selected through another open-type proposal in the coming days. Any and all applicants in the design competition (regardless of whether they are awarded a prize or not) may apply for such open-type design proposal. In addition, in order to ensure fairness between the First Prize Winner and other applicants, all information will be disclosed and a designer will be fairly selected in accordance with the selection criteria.
  - (4) Construction firms and their affiliates under the Construction Business Act (Act No.100 of 1949) who have a financial, personnel or other relationship with the First Prize Winner are not entitled to participate in the bidding for the construction works.
21. Copyrights and Handling of Works Submitted
  - (1) Copyright of the Works submitted belongs to the applicants. Therefore, if an applicant needs to officially secure its rights relating to copyrights/design rights in Japan, the applicant should directly or through its agent take the necessary procedures at its own responsibility.
  - (2) The Host is entitled to use the first prize winning Work for the schematic design and design development, for PR campaigns and promotions for tournaments and events to be held at the National Stadium, such as the 2019 Rugby World Cup in Japan and the Tokyo 2020 Olympic and Paralympic Games (bid) and PR campaigns by the Host. No license fee shall be charged for these usages.
  - (3) The Tokyo 2020 Bid Committee is entitled to create a model stadium based on the first prize winning Work in order to use it for the promotions for the Olympic and Paralympic games. No license fee shall be charged for these usages.
  - (4) The Host is entitled to, at the stage of the schematic design, design development and construction stages, request reasonable revisions to a part or parts of the Work upon consultation with the First Prize Winner if such revisions become necessary, for example in accordance with the basic plan which will be compiled, project costs or constructability, and the First Prize Winner shall agree

thereto.

- (5) When works copyrighted by others are used in the submitted Works, the applicants must obtain permission from the authors of such copyrighted works and shall specify the details of such copyrighted works in the entry documents.
- (6) After the selection, the submitted Works may be used in appropriate ways for open exhibitions, publication of portfolios, and production and sales of film records and gifts and promotional goods. No license fee shall be charged for these usages.
- (7) The Host shall have the right, free of charge, to conduct an interview with the First Prize Winner and publish the film records of such interview.
- (8) The Host may reproduce the Works in prescribed forms for the purpose of the selection.
- (9) Applicants will be deemed to have agreed to the above provisions by submitting their Works to the design competition.

22. Exchange of Confirmation Letters

The First Prize Winner shall execute a confirmation letter (draft), as defined in 9.(4), for winning the first prize and with regard to the matters set forth in 16, 20 and 21 of these application guidelines.

23. Others

Any personal information obtained during the course of this design competition shall be used only for the purpose thereof, and not for any other purposes.

## II. Design Proposal Requirements

### 1. Major requirements of the New National Stadium (description of desired stadium)

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(1) A stadium fully capable of holding large international sporting events

- As a national project, this should be a next-generation stadium, a source of pride for Japan and admiration for the world
- The stadium should be highly functional and capable of bringing out the best performances of athletes and artists

(2) A stadium to enable audiences to enjoy events in comfort

- The stadium should have world-class hospitality functions
- The stadium should have a retractable roof, provide a sense of solidarity between athletes and audiences in rugby, football and track and field events, and be comfortable and exciting

(3) A stadium that is thriving throughout the year

- The stadium should be multi-functional with measures, particularly acoustic measures, taken to ensure its suitability for concerts and other cultural events
- The stadium should have appropriate commercial and cultural functions to facilitate use when there are no sports events or cultural events taking place

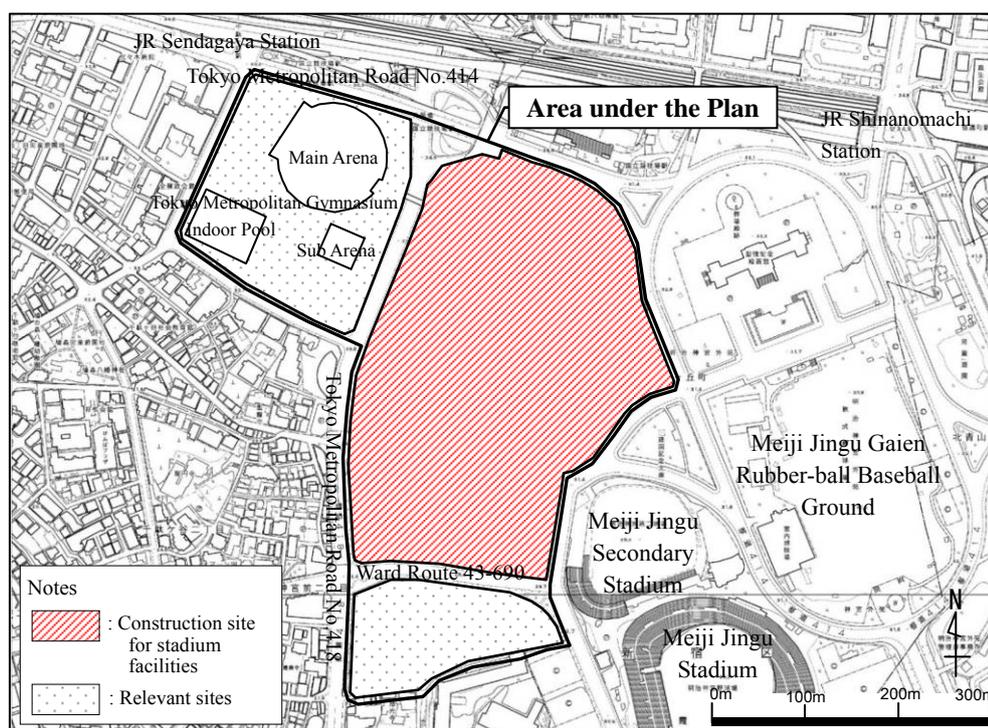
(4) A stadium that is friendly to people and the environment

- The stadium should be equipped with state-of-the-art environmental technology and should harmonize with a lush, green surrounding environment
- The stadium should be safe in the event of an earthquake or other disasters and should contribute to evacuation and relief efforts
- The stadium should have barrier-free access inside and outside, and barrier-free connections with nearby train stations

## 2. Area under the Plan

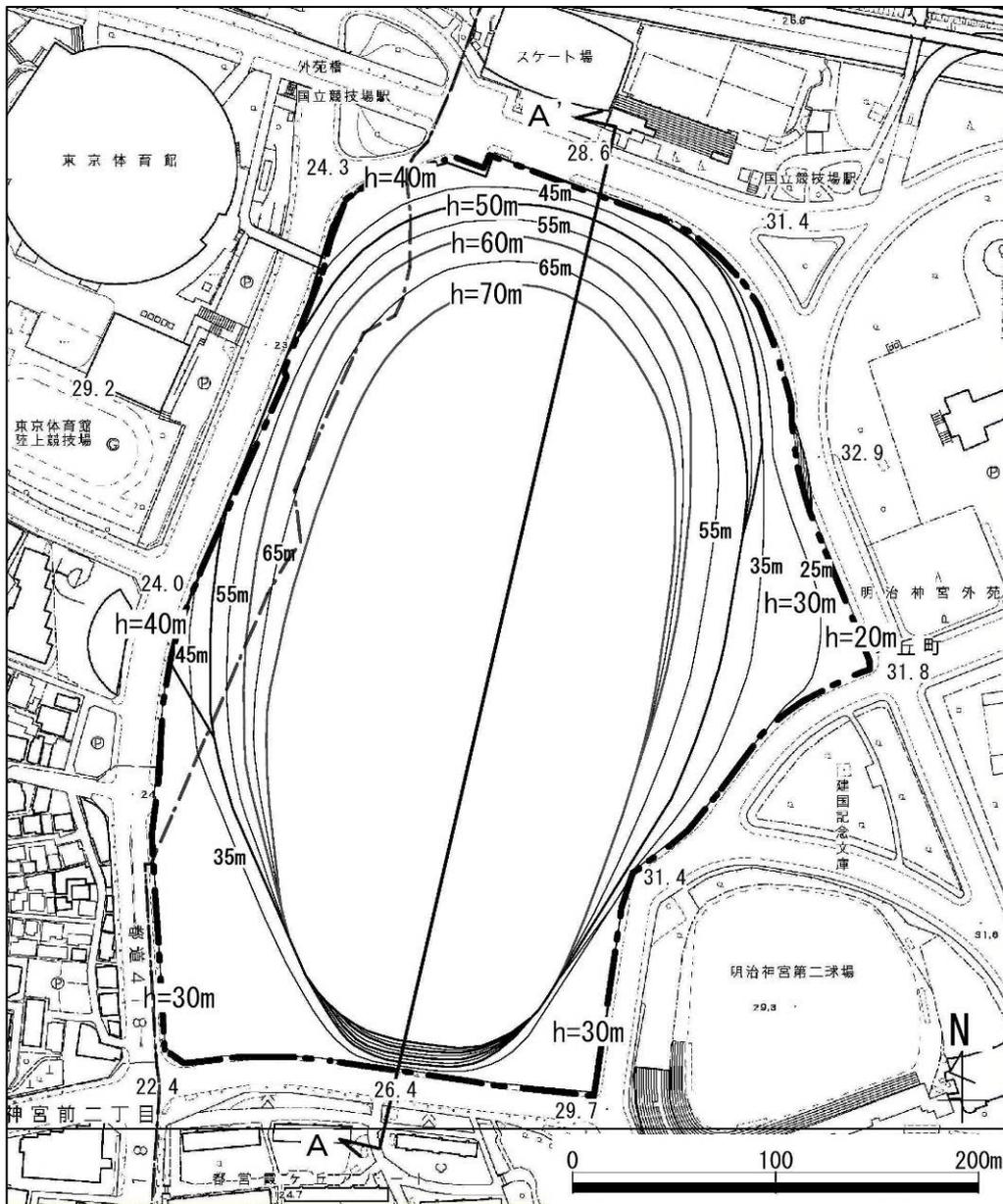
### 2.1 Location and Scale

- (i) Location
- 10-1, Kasumigaoka-machi, Shinjuku-ku, Tokyo and others (Shinjuku and Shibuya wards of Tokyo)
- (ii) Area under the Plan
- The area under the plan is such area, upon the renovation of the construction site for stadium facilities and the stadium, which will be made available as a uniform space with the stadium in order to ensure a barrier-free route from the nearest stations and a stationary space for visiting spectators, and where existing parks under the city plan (hereinafter referred to as the "Parks") will be relocated, and is shown in Diagram 1 below.
  - The area under the plan consists of 113,000 m<sup>2</sup> of construction site for stadium facilities and 65,000 m<sup>2</sup> of relevant sites (this includes the building area of existing facilities) as shown in Diagram 1 below.
  - Although the location and width of the roads within the area under the plan (Tokyo Metropolitan Road No.418 and Ward Route 43-690) cannot be changed, it is possible to ensure a barrier-free route from the nearest stations and a stationary space for visiting spectators by placing artificial ground or raised sidewalks above the roads.
  - The location and width of the road on the north side of the area under the plan (Tokyo Metropolitan Road No.414) cannot be changed either; however, applicants may propose to place an artificial ground and/or sidewalks that are raised above the roads, in order to ensure the smooth flow of visiting spectators.
  - Since the bid plan for the 2020 Olympic and Paralympic Games assumes the Meiji Jingu Gaien Rubber-ball Baseball Ground will be used as a sub-track and the Meiji Jingu Secondary Stadium will be used as a training field for throwing circles, applicants may propose a pathway that connects the stadium and the Meiji Jingu Gaien Rubber-ball Baseball Ground and the Meiji Jingu Secondary Stadium, which would enable the players to travel smoothly to the stadium.



## 2.2 Placement of Facilities and Buildings

- The restrictions on the location and height of the stadium are as shown in Diagram 2 below.
- The setback distance of the walls from the boundary should be eight (8) meters or more.



\*Elevation of Tokyo Metropolitan Road No.418 (T.P.+24m<sup>1</sup>) is used as the standard ground level



※Cross Section Overview Diagram

Diagram 2 Conditions for Placement of Facilities

<sup>1</sup> "T.P. (Tokyo Peil)" refers to the mean sea level of Tokyo Bay. T.P. +24m means that it is 24m above the Tokyo Bay mean sea level.

### 3. Facilities of the New National Stadium

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#### 3.1 Land Use Pattern of the Area under the Plan

1. Construction site for facilities
  - Site where the stadium is to be built. Its land use pattern is as follows.
    - (i) The stadium (a building construction with multiple functions, with the stadium as its core)
    - (ii) Access from surroundings (pedestrian and vehicle routes to the stadium)
    - (iii) Open space (public open space/parks where visiting spectators can walk and stay safely and comfortably)
2. Relevant sites (area under the plan excluding the construction site for facilities and roads)
  - Area which will be made available as a uniform space with the construction site for facilities, which ensures a barrier-free route from the nearest stations and a stationary space for visiting spectators. The land use pattern of such area is as follows.
    - (i) Existing facilities (maintain the current functions of the Tokyo Metropolitan Gymnasium)
    - (ii) Access from surroundings (pedestrian routes from the nearest stations to the stadium)
    - (iii) Open space (vacant spaces/parks where visiting spectators can walk and stay safely and comfortably)
  - In this design competition, no construction may be newly built on the relevant sites (excluding structures such as artificial ground). In addition, the main arena, sub-arena and swimming pool of the Tokyo Metropolitan Gymnasium shown in Diagram 1 cannot be removed.

#### 3.2 New National Stadium Facilities Mix

- Table 1 contains the facilities mix (functions and size) for the New National Stadium.
- Basic concepts for each function are as described below

##### [Sporting functions]

- Functions required as the venue for the final match of the Rugby World Cup to be held in Japan in 2019
- Functions at the highest possible levels for the holding of large international rugby, football and track and field events
- Functions required as the main stadium for the Olympic and Paralympic Games (opening and closing ceremonies, track and field events, rugby and football)
- Functions for concerts, exhibitions, fashion shows and other events
- Retractable roof to enable use regardless of weather

##### [Sports-related functions]

- Rooms required by athletes and organizers, etc. as prescribed for large international events
- Safe, comfortable rooms for athletes to enable concentration on events
- Rooms required for the running of large events with facilities that enable events to be held safely and smoothly
- Doping Inspection Room with appropriate size and facilities to ensure privacy and comfort
- Rooms required for the running of concerts and other events

##### [Spectator functions]

- Stands near the pitch with excellent ambiance that foster a sense of solidarity between rugby/football players and audiences
- Stands with a capacity of 80,000 to enable the holding of the Olympic and Paralympic Games
- Retractable roof to create a comfortable spectator environment regardless of weather
- Stadium capable of creating excellent ambiance for events of all sizes, and with particularly good acoustics suitable for concerts
- Audience lines of movement and waiting areas that are safe and comfortable

[Media functions]

- Media rooms that facilitate media activities
- Support for state-of-the-art technology plus extensibility to keep up with future technological advances

[Hospitality functions]

- World-class hospitality functions
- Hospitality functions that are barrier-free and can be enjoyed by all
- VIP rooms capable of world-class hospitality
- Functions to enable the enjoyment of the facility when sports events and cultural events are not taking place

[Disaster and security functions]

- Functions to ensure the safety of spectators, athletes, staff and other stadium users
- Evacuation site functions in the event of disaster

[Sports promotion functions]

- Sports museum and library that show how sports are fascinating
- Sports-related commercial facilities, etc.
- Educational functions for students and functions that will attract tourists

[Operations/maintenance/management functions]

- Top-class maintenance/management functions for maintaining a top-class stadium
- Environment-friendly facilities and maintenance/management functions

[Grass]

- Environment in which sunlight, wind, water and temperature are able to be controlled for the growing of grass

[Other functions]

- Barrier-free environment inside and outside the stadium and between the stadium and nearby train stations
- Consideration given to the use of the Olympic Flame Platform and other commemorative and artistic works currently located at the National Stadium

Table 1 Facility Composition of the New National Stadium (functions to be introduced and their scale)

The New National Stadium		
Functions	Components	Required Area
<b>Sporting Functions</b>		
Stadium	<ul style="list-style-type: none"> <li>• Holds rugby and football games, and track and field events.</li> <li>• Holds events such as concerts.</li> </ul>	Approximately 32,000 m <sup>2</sup>
Rooms for the Game	<ul style="list-style-type: none"> <li>• A training track (beneath the back stand)</li> <li>• Bathrooms, storage facilities corridors, etc</li> </ul>	
<b>Sports-related Functions</b>		
Players' Rooms	<ul style="list-style-type: none"> <li>• Players' locker room, shower room and waiting room, etc.</li> <li>• Warm up space</li> <li>• Coaches' room</li> <li>• Training room</li> <li>• Entrance and parking lots for team buses (included in the area of the parking lots)</li> <li>• Waiting rooms for events (such as concerts), etc.</li> </ul>	Approximately 15,000 m <sup>2</sup>
Medical/Anti-doping Room	<ul style="list-style-type: none"> <li>• Medical room</li> <li>• Doping control room etc.</li> </ul>	
Rooms for Management of Games	<ul style="list-style-type: none"> <li>• Room for management head office, conference room, etc.</li> <li>• Recorders' room</li> <li>• Waiting room for stadium attendants, operators' room, etc.</li> <li>• Changing room for referees, warm up space for referees</li> <li>• Commissioner's room</li> <li>• Rooms for analyzing photo finishes, etc.</li> </ul>	
Common Space	<ul style="list-style-type: none"> <li>• Bathrooms, storage facilities, corridors and other rooms</li> </ul>	
<b>Spectator Functions</b>		
Stands	<ul style="list-style-type: none"> <li>• Capacity: 80,000 for track and field, and exciting stands for rugby and football games (including stands designed to be barrier-free, VIP stands and seats for journalists), aisles</li> </ul>	Approximately 111,000 m <sup>2</sup>
Spectator-related Facilities	<ul style="list-style-type: none"> <li>• Entrances, box offices, information centers, etc.</li> <li>• First-aid station</li> <li>• Nurseries, nursing room</li> <li>• Bathrooms, smoking areas, aisles, etc.</li> </ul>	
Food, Merchandise	<ul style="list-style-type: none"> <li>• Restaurants, shops</li> </ul>	
<b>Media Functions</b>		
Seats for Journalists, Media Stand	<ul style="list-style-type: none"> <li>• Included in the area of the stands</li> </ul>	Approximately 4,000 m <sup>2</sup>
Media Rooms	<ul style="list-style-type: none"> <li>• Working space for press persons, cafe lounge, dressing room, etc.</li> <li>• Broadcast studio, etc.</li> </ul>	
Interview Rooms	<ul style="list-style-type: none"> <li>• Interview rooms</li> <li>• Mixed zone</li> </ul>	
Common Space	<ul style="list-style-type: none"> <li>• Bathrooms, storage facilities, corridors, etc.</li> </ul>	
Media Parking	<ul style="list-style-type: none"> <li>• Space for broadcasting vehicles and other broadcast related cars (included in the area of the parking lot)</li> <li>• Parking lot for media (included in the area of the parking lot)</li> </ul>	
<b>Hospitality Functions</b>		
VIP/VVIP Stands	<ul style="list-style-type: none"> <li>• Included in the area of the stands</li> </ul>	Approximately 25,000 m <sup>2</sup>

Rooms for Hospitality	<ul style="list-style-type: none"> <li>• Private boxes for viewing with balcony seating for sponsors</li> <li>• VIP lounges, restaurants and eating space, etc.</li> <li>• Dressing rooms for VVIP</li> </ul>	
Common Space	<ul style="list-style-type: none"> <li>• Bathrooms, storage facilities, corridors</li> </ul>	
<b>Disaster and Security Functions</b>		
Safety Offices	<ul style="list-style-type: none"> <li>• Safety offices</li> <li>• Dressing rooms for security guards, etc.</li> <li>• Dressing rooms for police/fireman, etc.</li> </ul>	Approximately 1,000 m <sup>2</sup>
<b>Sports Promotion Functions</b>		
Sports Museum	<ul style="list-style-type: none"> <li>• Museum and library, etc.</li> </ul>	Approximately 21,000 m <sup>2</sup>
Sports Related Business	<ul style="list-style-type: none"> <li>• A number of shops from various businesses with regard to sports.</li> <li>• Shops used for testing sales of new products from the sports industry</li> <li>• Training center</li> </ul>	
Common Space	<ul style="list-style-type: none"> <li>• Bathrooms, storage facilities, corridors, etc.</li> </ul>	
<b>Maintenance/Management Functions</b>		
Facility Management and Administration Offices	<ul style="list-style-type: none"> <li>• Main office function relating to management and administration</li> <li>• Conference room, etc.</li> </ul>	Approximately 35,000 m <sup>2</sup>
Maintenance Offices	<ul style="list-style-type: none"> <li>• Disaster control center, equipment center, cleaning center</li> <li>• Parking lot center</li> <li>• Various storage facilities, storage place for equipment, etc.</li> </ul>	
Rooms for Machinery and Equipment	<ul style="list-style-type: none"> <li>• Electric power receiving and substation facility, water supply and treatment facility, heat source facility</li> <li>• Bathrooms, storage facilities, corridors</li> </ul>	

\* Common space such as bathrooms, corridors and stairways are included in the areas for each function.

Floor space subject to floor-area ratio	(Excluding parking lot)	Approximately 244,000 m <sup>2</sup>
Parking Lot	<ul style="list-style-type: none"> <li>• Visitors, broadcast, media, space for delivery and drive way, etc.</li> </ul>	Approximately 46,000 m <sup>2</sup>
<b>Total floor space</b>		Approximately 290,000 m <sup>2</sup>

### 3.3 Access to the Stadium

1. Access from nearby public transportation such as train stations
  - There will be six (6) routes to the stadium as shown in Diagram 3.
  - Most of the visitors are expected to use the three (3) stations on the north, which are the JR Sendagaya and Shinanomachi Stations, and the Kokuritsu-kyogijo Station on the Toei Oedo Line. Other possible routes will be from the Tokyo Metro Aoyama-itchoime and Gaiemmae Stations on the south and the Kita-sando Station on the west.
  - For Gaiemmae Station, an improvement of clear north-bound crowd flow around the station needs to be considered.
  
2. By Car
  - The main route for cars will be the Tokyo Metropolitan Road No.418 which has the lowest altitude among the peripheral roads, so that the height of the stadium building will be kept as low as possible and the stadium will not disturb the surrounding areas.
  - The reasons for the above are as follows.
    - (i) The difference in levels between the peripheral road and the pitch for marathon runners should be kept as small as possible.
    - (ii) Parking lots are expected to be located on the same level as the pitch or lower.
  - Note that, due consideration should be given so that all vehicles will not be gathered on the Tokyo Metropolitan Road No.418, and service vehicles may drive into the stadium from other peripheral roads.
  
3. Routes for Players
  - With regard to the routes for players, the bid plan for the 2020 Olympic and Paralympic Games assumes the Meiji Jingu Gaien Rubber-ball Baseball Ground will be used as a sub-track and the Meiji Jingu Secondary Stadium as a training field for throwing circles.

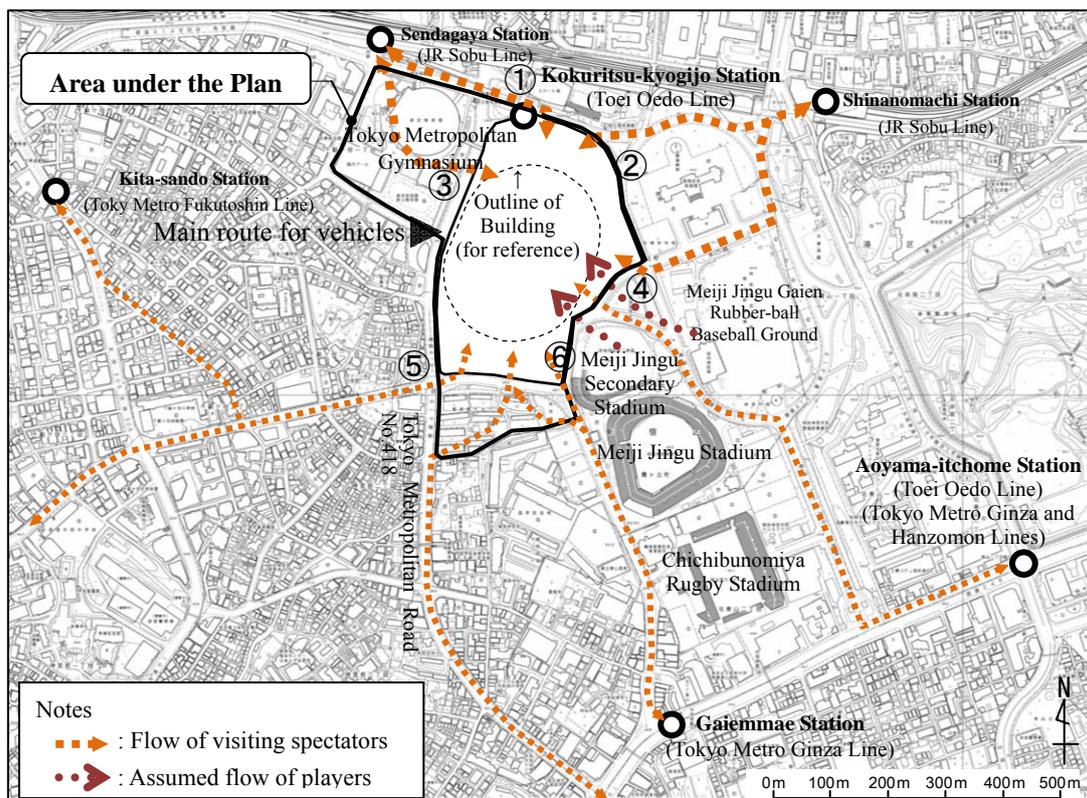


Diagram 3 Expected Routes

### 3.4 The Relocation of Existing Parks and Securing Public Open Space

- Parks and public open spaces shall be made available on the area under the plan.
  - Conditions for the preparation of parks and public open spaces shall be as set forth below.
1. Relocation of Existing Parks
    - Inside the area under the plan there exists the Toritsu Meiji Park. Upon the construction of the stadium, areas that have the same (or greater) size as that of the existing parks (22,000 m<sup>2</sup> in the Shinjuku ward and 12,000 m<sup>2</sup> in the Shibuya ward) (excluding the parks to the west of the Tokyo Metropolitan Road No.418) must be secured within the area of each ward as shown in Diagram 4.
    - Upon the relocation of parks, utmost care shall be paid to the integrity and continuity of the parks.

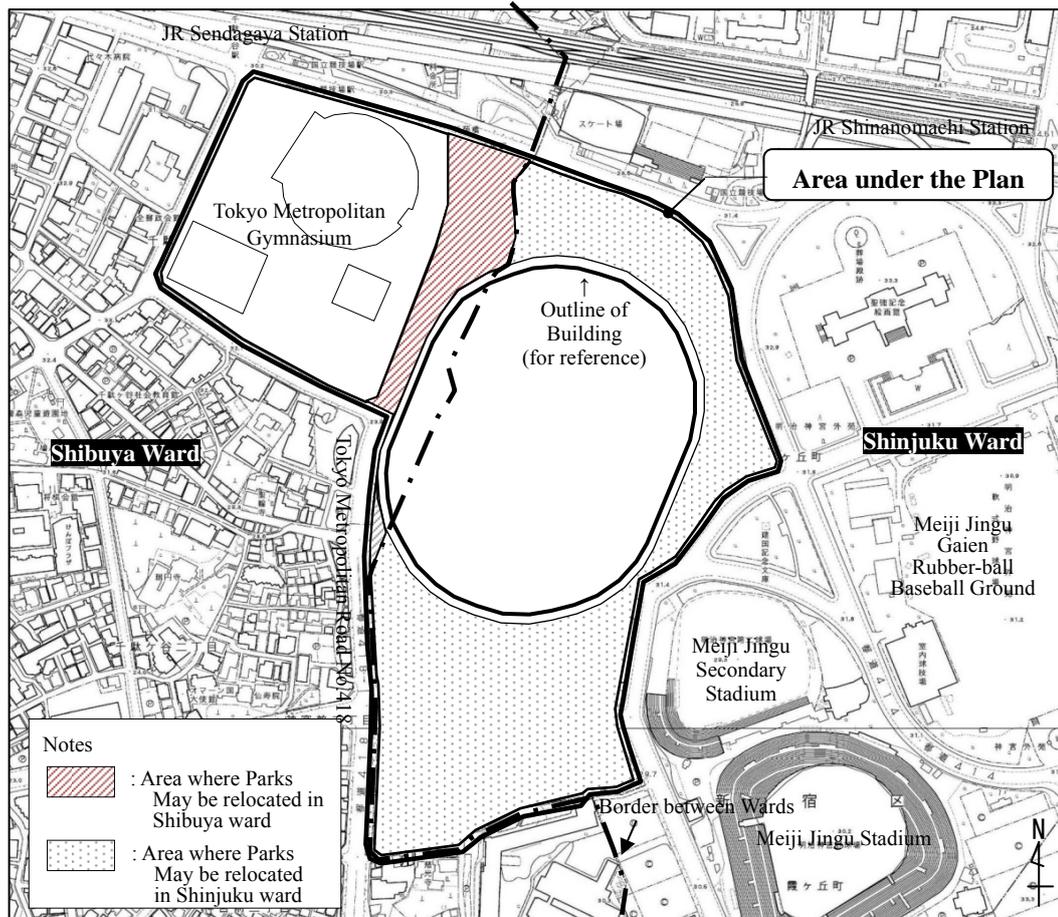


Diagram 4 Areas where Parks May be relocated

2. Securing Public Open Space<sup>2</sup>
  - Public open spaces which occupy 40% or more of the construction site for facilities should be secured within such site as shown in Diagram 5. The parks relocated as per the immediately preceding paragraph (i) should not be included in the public open space.
  - Note that it is possible to build public open space underneath artificial ground; however, it shall be built to make it a place comfortable to and favored by pedestrians.

<sup>2</sup> In this design competition, "public open space" means a place to be used as a safe and comfortable space for pedestrians (sidewalk-like open space) and stationary space (pavilion-style open space), which are accessible by the public regularly.

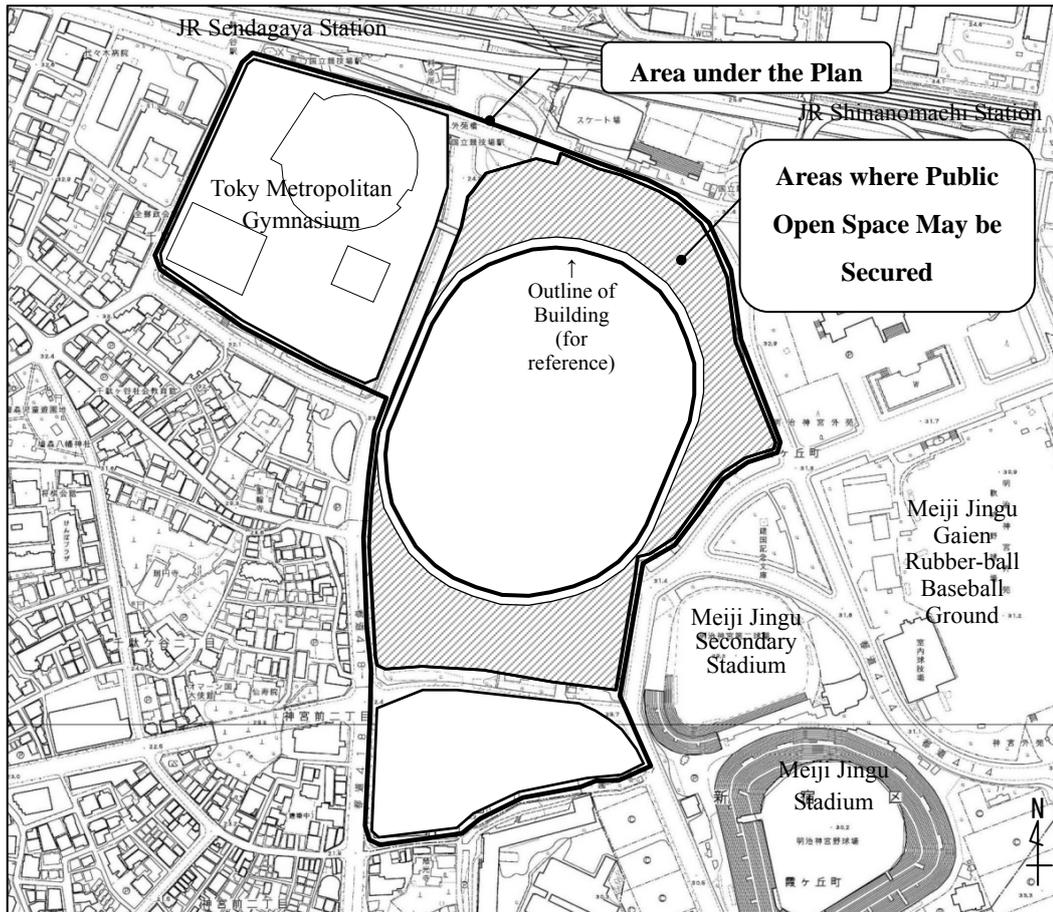


Diagram 5 Areas where Public Open Space May be Secured

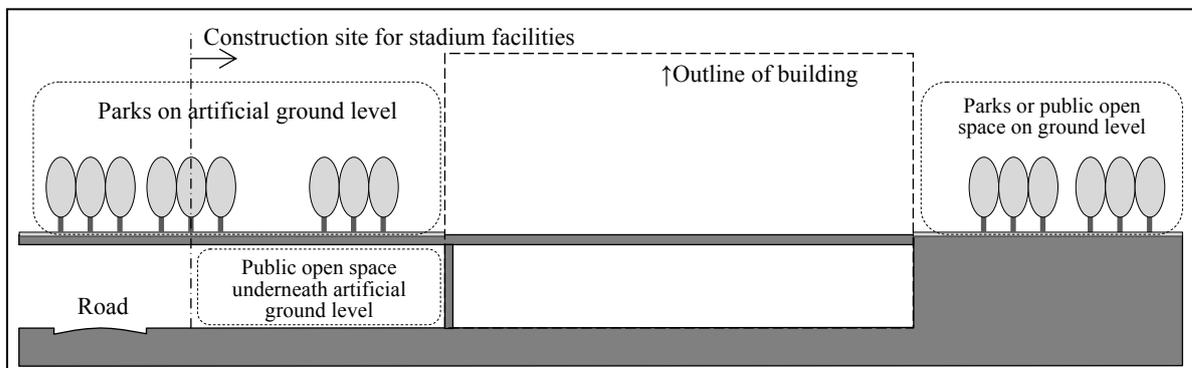


Diagram 6 Examples of Multi-level Park and Public Open Space

### 3.5 Greening, Environmental Friendliness, Measures Against Disasters

- The following points other than the above should be considered in making proposals.
  - Greening: Endeavor to implement greening in the open space, facilities and buildings.
  - Environmental Friendliness: Actively endeavor to design facilities that are environmentally-enhancing, such as by introducing energy-saving technology.
  - Measures Against Disasters: Taking into consideration that the area under the plan and its surrounding areas are open safety evacuation areas in case of disasters, a plan shall be drawn to contribute to secure the safety of the surrounding areas in the case of a disaster, and applicants should strive to design facilities with effective disaster prevention measures, such as using the facilities in the case of a disaster (for example as a storage base) and multiplexing electric power supplies.

## 4. Estimated Construction Cost and Construction Schedule

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### 4.1 Estimated Construction Cost

- Total construction cost is estimated to be approximately 130 billion yen; provided, however, that each of the following is not included in the said construction cost.
  - (i) Construction cost for area outside the construction site for stadium facilities
  - (ii) Costs for removing existing buildings
  - (iii) Fixtures and fittings
  - (iv) Instrument such as computers
  - (v) Miscellaneous expenses pertaining to suspension of use
  - (vi) Design consultant fees, fees for supervising the design

### 4.2 Construction Schedule

- Design and construction works are scheduled as follows:
  - (i) Schematic design: April 2013 to March 2014
  - (ii) Design development: April 2014 to March 2015
  - (iii) Demolition of the relevant buildings: July 2014 to October 2015
  - (iv) Construction works: October 2015 to March 2019