

やさしい未来が、ここからはじまる。

Rising East  
project

NEWS RELEASE

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New tower to emerge in Tokyo

## Lighting Design of Tokyo Sky Tree is Finalized

Inaugural opening scheduled for spring 2012

Lights connecting the past to the future, lights reaching  
out to the heart of every person

TOBU RAILWAY CO., LTD.

TOBU TOWER SKYTREE Co., Ltd.

Tobu Railway (Head Office: Sumida-ku, Tokyo) and Tobu Tower Skytree (Head Office: Sumida-ku, Tokyo) have been committed to the development project of a multi-functional complex centering on Tokyo Sky Tree in the Narihiraishi/Oshiage area of Sumida, scheduled for inauguration in the spring of 2012. We are pleased to announce that the lighting design for Tokyo Sky Tree has been finalized.

Mr. Hirohito Totsune (President of Sirius Lighting Office), who was appointed lighting designer in August 2007, had been working on the lighting production plans conforming to the following basic concept as well as the technical aspects including equipment, light sources and layout.

### <Basic Concept>

Locality spreading out from downtown ~ Tokyo ~ Japan

History continuing on from Edo ~ present ~ future

Symbol of eco-friendliness to address the age of environment

The tower will be lit up by a new style of lighting consisting of two operations used alternately every other day. The operations are called *Iki*, the spirit held by the urbane commoners of Edo, and *Miyabi*, one of the traditional Japanese aesthetic ideals meaning “elegance,” “refinement,” or “courtliness.” The lighting concept is to communicate today that continues on to tomorrow and the future that lies beyond. The tower will represent the history and culture of the downtown area where it stands by adopting, in different parts of the structure, designs that inherit the nostalgic scenes of the old capital city of Edo.

The lighting is designed to enhance the beauty of the tower by integrating together the parts that are illuminated and the parts that are not. The advanced lighting technology meets the requirements of the 21st century, the age of environment. Energy conservation and beauty coexist in the design. Tokyo Sky Tree will continue to glow as a symbol of the area, connecting the past to the future.

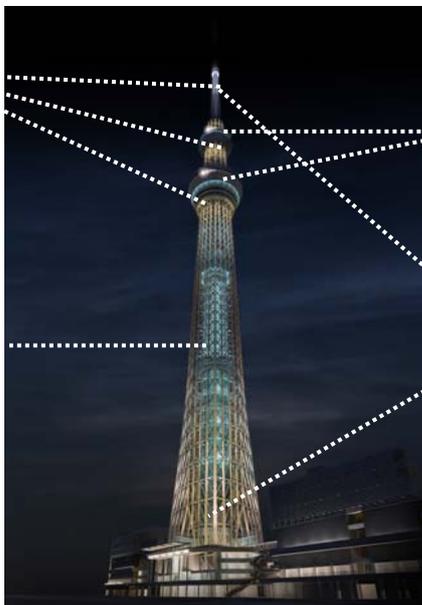
Basic plans and execution design of the lighting facilities are undertaken by Nikken Sekkei Ltd., and the details will be finalized through further discussions with the stakeholders. Specifications and manufacturers of the lighting equipment will be announced as soon as they are finalized.



Tower that will communicate people's heart and connect the past to the future

**Production Features**

***Iki* the spirit of Edo**



Snow cap of lights

Assertive and manly lighting illuminating the central shaft

***Miyabi* the aesthetic ideal**



Snow cap of lights

Tick-tack lights

Lighting up of the structure

Glittering lights resembling gold-relief

Elegant Edo purple lights

## (1) Lighting clad in Japanese spirit and sense of beauty

### *Iki*, the Spirit of Edo

The operation of *Iki*, meaning the spirit of the Japanese people, lights up the central shaft running all the way down from the top of the tower in light blue inspired by the water of the Sumida River. The image of the tower boldly rising from the ground and openly exposing its inner structure represents generosity and manliness.

The operation of *Miyabi*, signifying the Japanese sense of beauty, expresses the image of elegance and stately beauty by relating the intricate steel frames of the structure to a robe. The key color is Edo purple, and glittering lights inspired by the gold-relief used in traditional Japanese lacquer-ware, are scattered in a well-balanced layout.

## (2) Lighting that passes on nostalgic scenes of Edo to the future

### Lights symbolizing snow-capped mountain

The apex of the tower and the steel-framed structure holding the two observatory decks are lit up in gradual brightness that extends down to the foot of the tower and blends into the surrounding area. It resembles the silhouette of snow-capped Mt. Fuji, a nostalgic view seen from the old city of Edo.

### Tick-tack lights

A ring of lights will be installed on the upper perimeter of the observatory decks shining like a shooting star. The lights moving at a constant speed represent the time connecting the past and the future.

## (3) Lighting that enhances the tower's features and construction design

### Lighting up the steel-framed structure

Illumination at the top of the tower points boldly up to the sky carrying our dreams and hopes into space. The lighting on the steel frame makes the *sori* (concave curves) and *mukuri* (convex curves) of the tower stand out beautifully against the sky.

### Earth

The 21st century ushered in an age of environment. A new approach to lighting is called for realizing both energy conservation and beauty. Inspired by "In-ei Raisen"\*, a classical Japanese concept, the lighting for Tokyo Sky Tree is designed to enhance its beauty by integrating together the parts that are illuminated and the parts that are not. Lighting equipment and execution will incorporate the world's top-level technology of Japan including heavy use of LED and other light sources with longer life and higher efficiency. Lighting of the high-rise tower, reaching a height of over 600 meters above ground, will have a different look depending on weather conditions. It is our hope that more people will be aware of the earth and its environment by looking at Tokyo Sky Tree being exposed to natural phenomena.

\*"In-ei Raisen": Title of an essay by Junichiro Tanizaki, who stressed the importance of the traditional Japanese sense of beauty at a time when western influence gained momentum. Even today, many people, engaged in architecture, use the term to express the need to reevaluate the old Japanese lighting style.

## Remark by Lighting Designer Hirohito Totsune

When we look at the history of this city transforming from old Edo to Tokyo, we find that the central figures were people who have always gathered from all over the country for friendly competition. The city has flourished as the hub of Japan since the Shogunate Government of Edo. The urban history and culture, as well as the community and life of the people are vividly described in old documents and paintings.

I wanted to wrap the new tower, which will be the symbol of Tokyo, with *Iki*, meaning the spirit of the Japanese people, and *Miyabi*, signifying the Japanese sense of beauty. With its base rooted in a downtown area, Tokyo Sky Tree rises high as if reaching for the sky. I am thrilled to express the everlasting heart of Edo in the form of lights that will reach the heart of every person from 100 years in the past to 100 years in the future.

## (Reference) Hirohito Totsune

### Profile

1975 Born in Tokyo

1997 Graduated from Department of Architecture,  
Faculty of Engineering, Tokyo University  
Joined Lighting Planners Associates Inc.

2005 Established Sirius Lighting Office Inc.

### Major Achievements

- Sapporo Beer Garden
- Lighting up of Hamarikyū Gardens "Harvest Moon and Lighting Play"
- Hotel Nikko Tokyo Chapel "Luce Mare"
- Medical institute for short-term treatment of emotionally-disturbed children
- Nihon Keizai Shimbun (Japan Economic Times) Tokyo Head Office

And many others including houses, commercial facilities, office buildings and hotels



(Reference)

### **Tokyo Sky Tree Outline of Facilities**

- Height of Tower: 634m
- Facilities:
  - Observatory (First Observatory at 350m and Second Observatory at 450m), broadcasting facilities, stores, restaurants, etc.
- Operating Body: TOBU TOWER SKYTREE Co., Ltd.

### **Development Schedule:**

July 2008	Commencement of work
December 2011	Completion of construction (scheduled)
Spring 2012	Inaugural opening (scheduled)