



March 12, 2020

To whom it may concern,

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Notice on Successful Bid on Equipment for Linear Accelerator of Next-generation Synchrotron Radiation Facilities

Please be informed that our subsidiary Tamagawa Electronics Co., Ltd. has successfully made a general public bid for "Manufacturing Low-power High-frequency Circuit and Beam Monitor Circuit System for Next-generation Synchrotron Radiation Facilities" publicly notified by "National Institutes for Quantum and Radiological Science and Technology."

This project is managed by National Institutes for Quantum and Radiological Science and Technology collaborating with Photon Science Innovation Center, Miyagi Prefecture, Sendai City, Tohoku University and Tohoku Economic Federation, and is the equipment in "High-intensity 3GeV Radiation Source for Soft X-ray (Next-generation Synchrotron Radiation Facilities)" being prepared in Tohoku University Aobayama New Campus to start operation in FY2023.

The facilities are equipped with a huge microscope with a 100-times light source performance as existing synchrotron radiation facilities for soft x-ray in Japan (billion-times intensity as the sun), which can visualize the function of materials in the nano-level fine area.

It is expected to cause an innovation to promote industry-academia collaborative researches by operating the facilities.

Additionally, in the field of soft x-ray field, it is expected to reverse the performance difference which has been overwhelmed by overseas facilities, and will reinforce international competitiveness.

Please refer to the following information disclosed by National Institutes for Quantum and Radiological Science and Technology.

<https://www.3gev.qst.go.jp/index.html>

References:

- National Institutes for Quantum and Radiological Science and Technology :
<https://www.3gev.qst.go.jp/about.html>
- General Foundation Photon Science Innovation Center :
<https://infophosic.wixsite.com/phosic>

We will continue to make efforts to contribute to the growth of Japan's science technology utilizing the skills we have been cultivated. There is no influence on our business performance of this term by the successful bid of this project. We will disclose the influence on our business performance after the next term as soon as it is known.