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## Tamagawa Holdings Announces Order Receipt for Sub-Systems for Use in Next-Generation Weather Observation Equipment

Tamagawa Electronics Co., Ltd., a subsidiary of Tamagawa Holdings, has been working to strengthen its order receipts in the field of public and social infrastructure. As a result of these efforts, Tamagawa Electronics Co., Ltd. has recently received an order from Toshiba Corporation for sub-systems for use in next-generation weather observation equipment.

This equipment is based on "Research and Development for Rainstorm and Hurricane Predictive Technologies," a research and development item related to the "Strengthening of Functions of Resilient\* Disaster Countermeasures and Damage Reduction Measures" under the Strategic Innovation Program (SIP), which constitutes a national project.

\* The term resilient generally means rebounding, turning over, flexibility, elasticity, and buoyancy. Here it is used in the sense of recuperative strength and resistance on the part of society in the face of natural disaster, etc., brought on by rapid climate shifts. This context has been a focal point in relation to the creation of resilient urban structures equipped with such recuperative properties.

1. Project outline

(1) Background

Recent years have been marred by increasingly severe natural disaster due to excessive rainfall and landslides caused by extreme weather conditions. Examples are damage caused by excessive rainfall in August 2014 in Hiroshima, damage in the Kinugawa basin due to excessive rain in the Kanto and Tohoku areas in September 2015, and damage in urban locations from frequently occurring sudden bursts of strong rain. At a time when specifically the Tokyo area is prone to visitation by large scale water damage, strengthening resilience in society has become an urgent issue.

(2) Purpose

Purposes include protecting the nation against damage from extreme weather conditions, providing for the safety and well-being of the population, and establishing Japan's international presence and industrial capabilities, respectively through the early prediction of excessive rainfall and tornados, etc.

Details are available in the following public information materials of the cabinet office. http://sip-cao.jp/subject/pdf/sip08.pdf

The results of this project will also be used in the operations for the Tokyo 2020 Olympic and Paralympic Games.

## 2. Further outlook

Estimates of the effects of this project on the operating results of Tamagawa Holdings Group for this fiscal year are currently being prepared.