3rd March 2020

**BEUMER Group Awarded Singapore Changi Airport Terminal 2**

**Baggage Handling System Upgrade Contract**

**Key facts:**

* **Refurbishment of existing tilt-tray sorters**
* **New conveyors, carousels, early bag storage and control system hardware and software, with interface to new self-service check-in system**
* **Work to be implemented in phases whilst operations continue 24/7**
* **Smart technologies used to improve system performance and manpower productivity**

BEUMER Group has been awarded a contract to upgrade the Baggage Handling System (BHS) at Singapore Changi Airport's Terminal 2. The project, which is scheduled for completion in 2024, involves the refurbishment of the terminal's existing tilt-tray sorter-based BHS and renewal of associated equipment comprising conveyors, carousels, early bag storage (EBS) system, control system hardware and software as well as interfacing to a new FAST self-service check-in system provided by the airport.

As part of the project, the existing tilt-tray sorters will be modernised, both in terms of mechanical design and control software to deliver higher reliability and efficiency.

The planned work, which will involve the integration of a completely new BEUMER Group Software suite control system, will extend the system life span by 15-20 years. The new control system will also feature advanced digital applications, particularly those linked to smart sensors and data analytics, that will help boost baggage handling process optimisation.

BEUMER Group, which prides itself on being able to integrate the technology best suited for a particular application, is to incorporate a brand new CrisStore® EBS element as part of the upgrading project. The EBS will have storage capacity for 2,300 bags and 1,300 m of CrisBag (individual carrier system for baggage conveyance) installation. This particular technology is already familiar to Changi Airport, which already uses CrisBag® systems in both Terminals 3 and 4.

Commenting on the contract, Koh Ming Sue, Managing Director Engineering & Development at Changi Airport Group, notes: “This project, which involves replacement of a Baggage Handling System in a live, operating airport environment, requires a high degree of detailed planning and risk management to minimise inconvenience and disruption to passengers and airlines. We need close collaboration between the appointed contractors and all our stakeholders for smooth, safe and timely execution."

Ronald Willems, CEO, BEUMER Group Singapore, adds, "As the incumbent supplier and maintenance contractor for the existing Terminal 2 BHS, BEUMER Group is well-poised to

undertake the scale and complexity of the upgrading project. The same BEUMER Group staff who were on the project team that helped design the existing Terminal 2 BHS system are still with the company, and their knowledge remains key to the success of this upcoming project. We have planned for the works to be carried out in phases and mostly during off-peak periods to support our customer’s aim of reducing the impact on airport operations as much as possible.”

BEUMER Group is currently the contractor appointed to operate and maintain the BHS installed in Singapore Changi Airport's Terminals 2, 3 and 4. An on-site BEUMER Group team provides round-the-clock service to ensure that these mission-critical airport systems operate reliably and at optimum efficiency.

BEUMER Group's on-site team will work closely together with the Changi Airport Terminal 2 Expansion project team and the appointed upgrading project building contractor to ensure the successful delivery of the project.

**\*\*\*Ends\*\*\***

**Note to Editors:**

The BEUMER Group is an international leader in the manufacture of intralogistics systems for conveying, loading, palletising, packaging, sortation, and distribution. With 4,500 employees worldwide, the BEUMER Group has annual sales of about EUR 900 million. The BEUMER Group and its group companies and sales agencies provide their customers with high-quality system solutions and an extensive customer support network around the globe and across a wide range of industries, including bulk materials and piece goods, food/non-food, construction, mail order, post, and airport baggage handling. For more information, please visit: [www.beumergroup.com](http://www.beumergroup.com) .

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