

New Contract for one of the largest OPGW projects in Latin America **“Further enhancing Out-to-Out business in the environmental infrastructure”**

Tokyo, 7th October, 2015 – Suzhou Furukawa Power Optic Cable Co., Ltd. (Jiangsu Province, PRC, hereinafter, SFPOC), Furukawa Electric (TSE; 5801, ISIN; JP3827200001) group, has been awarded a new contract by Proyecto Infraestructura Del Peru (PDI) which is a subsidiary of ISA Colombia for supply of Optical Ground Wire (OPGW)¹ and fittings for one of the largest power transmission projects in Peru.

■ Background

In recent years, power transmission infrastructure investment in emerging Asian, African and Latin American countries has steadily increased, and there has been stable demand for OPGW. Demand for renewable energy systems including wind, solar, hydro, and the like are expanding even in developed countries, primarily in the U.S., resulting in vigorous investment in power transmission lines.

■ Overview

SFPOC, a subsidiary of Furukawa Electric, has been awarded a new contract for supply of 980km of OPGW and associated hardware/fittings for one of the largest 500kV power transmission line projects in Peru owned by Proyectos De Infraestructura Del Peru (PDI), an extension in Peru of ISA Colombia that links Mantaro and Montalvo. The OPGW cable was custom designed to withstand harsh topographical and environmental conditions along the route of the transmission line, such as extremely long span, high wind and corrosive atmosphere.

SFPOC has completed the supply of 1,100km OPGW for NALCOR Energy in Newfoundland, Canada, last year, and another large project of 1,000km for INTERCHILE is yet to come this year.



OPGW

“It is a great pride and privilege for us to work with ISA Colombia on these great projects”, says Hiroyuki Otake, Director, Vice president of Furukawa Electric. “We already have a strong base in Brazil in the form of Furukawa Industrial S.A. Produtos Electricos, a subsidiary of Furukawa Electric which caters to the southern part of Latin America. Winning this large contract proves Furukawa Electric’s presence and strength in serving the OPGW needs of entire South America with unique engineering technology and high capabilities to deliver.”

¹ OPGW; Optical Ground Wire (OPGW): OPGW is a product that embeds optical fiber inside the ground wire that is installed to protect the high-voltage overhead power transmission lines from lightning strike. In addition to being used in the power transmission line maintenance management system, which enables reliable, high-capacity transmissions, it has become part of the power system carriers' trunk line infrastructure.

■ About Furukawa Electric Group

Furukawa Electric (TSE; 5801, ISIN; JP3827200001) Group started business in 1884, when its copper-smelting facility and wire manufacturing factory was established. Since then Furukawa Electric has become pioneers in the latest technologies by addressing diverse technological issues. Furukawa Electric has released products in a number of areas, including telecommunications, electronics, automobiles, and construction, with the three types of materials it works with at their core, namely, optics, plastics, and metals. Many of these products have attained the top global market share, and all of its products have contributed to society in numerous business areas. Furukawa Electric reported consolidated revenues of JPY 867.8 billion (approximately USD 8.2B) for the fiscal year ended March 31, 2015.

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