Tulachermet-Steel orders a complete steelworks with two connected lightsection mills

Tulachermet-Steel and SMS group have concluded a contract for the supply of a complete steelworks with a connected continuous billet caster and two connected light-section mills. The order value comes to around EUR 180 million. The contract was signed on the SMS Meer booth at the Tube & Wire fair in Düsseldorf, Germany, in the presence of the State Secretary of the Ministry of Economic Affairs of the Federal State of North Rhine-Westphalia, Günther Horetzky, and the Consul General of the Russian Federation, Evgeni Shmagin. Agreed was the construction of a converter-based steel and rolling mill complex in the immediate vicinity of the Tulachermet iron works around 200 km to the south of Moscow. Tulachermet-Steel will assume the project management and the construction activities. The contracts for the construction and installation work will be placed with Russian companies.

The rolling mills, which will make light sections, bar steel and wire rod, will be designed for an annual capacity of 1.5 million tons in the first phase, with the possibility of a later increase to two million tons. The major part of the production will be supplied to Moscow and to other regions in Central Russia. Here, there is a demand for high-quality steel products, above all from the construction industry and from mechanical engineering and automotive companies. The steelworks and rolling mill complex will go into operation in 2016.

SMS Siemag is supplying a 160-t converter shop, equipped with a restraint-free lamella suspension system and a dedusting plant. The latter will be fitted with electrostatic precipitators from SMS Elex. SMS Siemag will also be supplying an energy recovery system. For the further optimization of energy efficiency, SMS Siemag can provide a converter-gas recovery and mixing plant for subsequent combustion of the gas in the existing Tulachermet power station. SMS Concast is sup-plying a ladle furnace, a twin-tank vacuum degassing facility for second-ary metallurgical treatment and a six-strand billet caster. The continuous caster will be equipped with CONVEX® technology and be able to pro-duce square sections in sizes from 150 x 150 to 180 x 180 millimeters. SMS Meer is supplying two almost identical light-section mills, each of which will be supplied by a walking beam furnace with a capacity of 160 tons per hour. One of these light-section mills will be equipped with a wire rod line for the production of quality steel in the form of bar steel and wire rod. SMS group is also supplying the electrical and automation systems for all production lines.

Tulachermet-Steel is a Russian-based company established by several investors with the participation of shareholders of the KOKS Group. The KOKS Group is a leading producer of merchant pig iron and coke. Furthermore, the group possesses various assets for the production of high-quality coking coal and the extraction and processing of iron ore.

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