

## Jiangsu Dajiang Metal Materials orders HPH-Bell-Type Annealing Plant from LOI Italimpianti

Chinese company Jiangsu Dajiang Metal Materials Co., Ltd. of Jiangyin City, Jiangsu Province, has awarded a contract for the supply of an HPH-Bell-Type Annealing Plant for the annealing of low-alloy cold-rolled steel strip coils to LOI Thermprocess GmbH, an LOI Italimpianti company.

The new HPH plant is to consist of 11 bases, 6 heating hoods and 6 cooling hoods with water spray cooling systems. The plant will be

designed for maximum stack weights of 120 t with maximum outside coil diameters of 2000 mm and max. stack heights of 5300 mm. Steel grades from CQ to DDQ and micro-alloyed steels (HSLA) will be treated.

The new plant is to be equipped with a Siemens S7-300 PLC control system and the advanced ProView HMI system. The commissioning is scheduled for March 2009.

## Morgan Construction to foster Rod Production

Morgan Construction Company has won the contract to supply a single strand wire rod mill for Votorantim Metais in Resende, Rio de Janeiro, Brazil.

The project design allows for future expansion to two strands for rod production of up to one million tonnes per year. The mill will roll plain rod from 5.5mm to 24mm and HYQST rebar from 6.35mm to 16mm. Rolling speed for the 5.5mm rod will be guaranteed at 105 meters per second. Initial furnace capacity should produce 120 tonnes per hour, rising to 180 tonnes per hour when the second strand is built.

The mill incorporates the highest level of technology to achieve the greatest mill efficiency, said Ricardo Cruz, project manager. It will enable Votorantim Metais to grow and maintain a competitive position in the marketplace.

Morgan's scope of supply includes hot and cold billet charging equipment, a 28-stand mill comprised of a roughing, and intermediate mill, a pre-finishing mill of three style mini blocks, a

10 stand No Twist Å Mill, side shifting water boxes, four intelligent pinch rolls, a laying head, Stelmor Å conveyor, a reforming station with ring distributor, vertical pallet system with a transfer car onto horizontal hook system, compactor and unloading station.

Morgan will supervise the mill commissioning, expected to be in the second quarter of 2009.

Morgan Construction Company is a designer and producer of high-quality rolling mill products and services for the metal industry worldwide.

Meanwhile, Siemens Corporation, a subsidiary of Siemens AG (NYSE: SI) and Morgan Construction Company has entered into an agreement in December, 2007, under which Siemens will acquire 100% of the shares of Morgan Construction Company. The transaction is expected to be completed during the second quarter of 2008.

## SAIL forms JV with Jaypee Associates for cement plant at Bokaro

Steel Authority of India Limited (SAIL) signed a shareholder's agreement with Jaypee Associates Limited (JAL) on February 21, to form a joint venture company called Bokaro Jaypee Cement Limited (BJCL), for setting up a 2.1 million tonne capacity cement plant at Bokaro. Mr. V.K. Srivastava, Managing Director of SAIL's Bokaro Steel Plant (BSL), and Mr. S.K. Sharma, Executive Vice-Chairman, JAL were the signatories to the agreement.

BJCL is SAIL's second cement-related joint venture business. Equity participation by JAL and SAIL in BJCL will be in the ratio of 74:26. The initial authorised paid-up capital of the Company will be Rs. 50 crore raised through a debt-equity ratio of 70:30. Mr. V.K. Srivastava will taking over as the first chairman of BJCL while Mr. R.K. Singh of JAL will be its first managing director.

The proposed cement plant at Bokaro will come up in just over

two years' time at an estimated cost of Rs. 405 crore. It will manufacture cement using the slag generated by BSL's blast furnaces. SAIL has decided to diversify into cement production in a phased manner. However, in order to leverage the competence of established cement players, the company adopted the joint venture route for diversification.

SAIL's first JV cement company, Bhilai Jaypee Cement Limited, was incorporated in April 2007 for setting up cement plants at Satna in Madhya Pradesh and Bhilai in Chhattisgarh. The company will produce and market more than 2 million tonnes of portland slag cement per annum after its commissioning in 2010. SAIL is also exploring formation of a similar joint venture company for utilisation of slag generated at Rourkela Steel Plant for which the selection of a joint venture partner is already underway.