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**Contact: Steve Blomquist, 540-387-8137, [steve.blomquist@tmeic-ge.com](mailto:steve.blomquist@tmeic-ge.com)**

## **TMEIC GE wins major Hot Strip Mill automation contract in India**

**Salem, Va. (April 27, 2007)** – JSW Steel Limited, headquartered in Mumbai, India, signed a contract with TMEIC and TMEIC GE for the complete electrical and automation system for a new Hot Strip Mill located at Toranagallu, Bellary District, Karnataka India. The total project scope of supply includes:

- Nine (9) TMdrive-70 medium voltage main mill drives for TMEIC supplied motors ranging from 2,500 to 10,000 kW.
- Four (4) TMdrive-30 medium voltage auxiliary drives for TMEIC supplied motors ranging from 1,300 to 1,500 kW.
- More than two hundred (200) TMdrive-10 low voltage AC auxiliary drives.
- Complete automation system featuring twenty-one (21) powerful Toshiba V-Series controllers.
- Operator Control system featuring Intellution Touch Panels located in three (3) pulpits and eleven (11) remote floor stations.
- Process Control System featuring the industry-leading TMEIC GE process modeling software operating on eleven (11) networked computers. The new system will precisely control strip thickness, strip width, coil telescopicity, coiling temperature and mill exit temperature.
- Total system design including project management, power system studies, medium and low voltage power distribution system design, electrical construction documentation, automation system design and system verification.
- Comprehensive site services including installation assistance, drives commissioning, automation system verification and system acceptance testing.

TMEIC and TMEIC GE were chosen by JSW due to their extensive expertise in providing high performance hot strip mill automation systems around the world. Another key factor was the high efficiency and lower operating cost the TMEIC TMdrive-70 main mill drives. Operating savings of more than \$1 million per year were demonstrated over competing offers.

“This project is another excellent example of TMEIC and TMEIC GE global project execution,” TMEIC GE Marketing Director, Steve Blomquist says. “Drives and motor equipment will be provided by TMEIC facilities in Japan while the automation system and complete electrical system engineering is being supplied by TMEIC GE offices in Salem, Va.”

TMEIC and TMEIC GE have won 10 of the last 11 hot mill orders placed around the world, continuing to build the companies' reputation for delivering world class quality hardware and systems.

“We have always been rated number one technically, but now our customers expect excellence in project execution as well and we are delivering,” says Dale Guidry, TMEIC GE Metals Business Unit Manager.

Phase I is planned for commissioning within 27 months.

### **About TMEIC GE**

TMEIC GE is a joint venture between Toshiba, Mitsubishi Electric, and General Electric in the industrial drive systems business. The company employs 2,200 people and has annual sales in excess of \$1B. TMEIC GE is built on the combined and proud heritage of these companies, delivering customer success--every project, every time.

### **About JSW Steel**

JSW Steel Limited is a core unit of JSW Group, and is a fully integrated steel plant having units across Karnataka and Maharashtra. Presently, JSW Steel has the annual production capacity of 3.8 million ton crude steel but in order to deal with rapid increase of steel demand, it is implementing the expansion plan to increase annual production up to 6.8 million ton crude steel by 2008.