



Delivery of TBM to China Railway Tunnel Group [CRTG] Shenzhen & Guangzhou Metro Projects, China

The China Railway Tunnel Group [CRTG] has accepted delivery of the first of two LOVAT RME246SE EPB TBMs. The TBMs will be utilized in the construction of the Shenzhen Metro and Guangzhou Metro projects located in Guangdong Province, China.

Following the signing of the plant acceptance, the first TBM [RME246SE Series 24600] arrived at the Guangzhou job site on January 12. The site assembly has begun and excavation will commence on January 31, 2009. CRTG's second LOVAT TBM [RME246SE Series 24700] is nearly complete. Once complete the TBM will be disassembled and delivered to the Shenzhen job site in mid-March.

The 6.3 metre diameter TBM [series 24600] will bore 2500 metres of tunnel. Geology along the tunnel alignment is characterized by soft ground and soft to hard conglomerates [included limestone and granite, up to 150MPa]. The soft grounds are expected to consist of clay, mucky soil, silty and medium to coarse sands. The tunnel will be driven entirely under the groundwater level, [above the tunnel invert] varying from 7 to 16 metres. Maximum EPB pressure is anticipated to reach up to 4 bar.

LOVAT will continue to provide after-sales assistance and on-site support.

