



### Mitinsko-Stroginskaya Metro Line Moscow, Russia – TBM Launch



After taking delivery of a fully refurbished LOVAT RME254SE Series 16600 Tunnel Boring Machine (TBM) earlier this year, Russian contractor SMU Engeocom has commenced tunnel excavation for the Mitinsko-Stroginskaya Metro Line in Moscow, Russia.

Upon completion of assembly and testing, the Soft Ground Earth Pressure Balance TBM was launched in May, installing approximately 284 rings during the first several weeks of mining. The 3,545 meter long, 6.3 meter diameter tunnel is being lined using prefabricated concrete segments measuring 1,200 mm long and 300 mm thick, in a 6 + 1 configuration.

Within several weeks of launching, the TBM was progressing at an average rate of 16 minutes per push, with ring erection times averaging 35 minutes. A LOVAT Ground Conditioning System (GCS) is being utilized to improve EPB control and reduce wear on the TBM.

