

### Delivery of TBM to JSC Mosinzhstroy – Moscow Sewer & Cable Tunnel Projects



Russian contractor JSC Mosinzhstroy has taken delivery of a LOVAT RME163SE Series 23300 Earth Pressure Balance Tunnel Boring Machine [TBM]. The TBM will be utilized in the construction of cable and sewer tunnels throughout Moscow, Russia.

Specific design criteria for the 4.1 meter diameter TBM included the ability to assemble and launch within small diameter shafts, with quick turn around times from shaft to shaft. The TBM will bore through typical mixed Moscow geology, comprised of clays, sands, gravels, loams and limestones, with all TBM systems designed for a 10 cm/min advance rate. Earth Pressure Balance mode was selected to reduce the risk of settlement, with maximum EPB pressure rated at 3 bar.

LOVAT Technicians are currently on site in Russia, supervising assembly and testing of the TBM in preparation for its first drive. The TBM is scheduled to begin excavation prior to month's end.

