



T2 METRO STATION

5th tunnelling breakthrough at international airport

STAFF REPORTER / Mumbai

The Mumbai Metro Rail Corporation Limited (MMRCL) on Wednesday recorded its fifth successful tunnelling breakthrough at the Chhatrapati Shivaji Maharaj International Airport (CSMIA)-T2 metro station of the Colaba-Bandra-SEEPZ Metro 3 corridor.

According to the MMRCL, "The tunnel boring machine (TBM) Wainganga 3, which was commissioned on April 2, 2018, from Pali ground completed its tunnel drive of 1.31kms in Package 7 at the CSMIA-T2 metro station. This TBM made its way through the rocky strata made of basalt, volcanic breccia, drilling relentlessly for exactly 318 days to attain the breakthrough. The TBM began the boring work under the existing Mumbai Metro Line 1 at Marol Naka and Sahar Elevated Road connecting CSMIA T-2. The 92-metre

long tunnelling was possible, as on an average 4.2 metres daily tunnelling was being carried out, shaping the tunnel with 937 RCC cement rings."

The Metro 3 corridor between CSMIA-T2 station to the ramp at Aarey Colony will provide access to the Versova-Andheri-Ghatkopar Metro 1 at Marol Naka and Swami Samarth Nagar-Jogeshwari-Kanjurmarg-Vikhroli Metro 6 corridor at Aarey Station and also to business hubs like the MIDC and the SEEPZ, Andheri, which are currently not connected by suburban railway.

M/s. Larsen & Toubro and Shanghai Tunnel Engineering Co. Ltd. are consortia partners for the construction of Package 7, which runs from Marol Naka to SEEPZ via MIDC. The total length of the tunnel is 7.07km, of which 50 per cent of the tunnelling work (3.57 km) has been completed till date.