

Mumbai Metro Team MMRDA achieves Milestone

State of art Mandale depot Metro Simulator building completed

Mumbai, 25 March 2023:

The 21 meter high simulator building at Mandale depot is a three storied building with total 3278.66 sq.m. built-up area. Simulator building will be used for training of rolling stock drivers/operators through real time simulation. The Ground floor consists of Entrance lobby, Sub system maintenance simulator module (SSMSM) Room, Full scope Train driving Simulator (FSTDS) Room (DOUBLE HEIGHT), Full scope Train driving Simulator (FSTDS) Observation Room, Computing room, Electrical room along with Toilets, and pantry. The first floor consists of lobby, simulators rooms (5nos), Technology centre, E-learning Centre, office space. The third floor consists of lobby, rest rooms for male and female staff, crew control rooms, toilets, pantry and open terrace.

The Driving Simulator area consist of full Cab mock-up of MRS1 Coach, assembled on the motion platform along with observer room having seating capacity of 20 trainees and a technical room to install electronic components attached. This will facilitate in house training of rolling stock crew's & operation team. Maintenance Simulator area has provision of 12 no. of maintenance simulator of rolling stock. Major sub-system like Doors, HVAC, Brakes etc can be installed. On the maintenance simulator training floor, rolling stock maintenance personals can be trained for Maintenance & Troubleshooting of rolling stock.

MMRDA is developing Mandale Depot over 30.45 Ha. land at Mankhurd. Mandale Depot is an integral part of the 23.64 km long Mumbai Metro Line 2B from D.N Nagar to Mandale. This depot will have capacity of stabling 72 Recks of 8 coaches at Two level of Stabling Yard. Mandale depot will have facilities for the Major overhauls of all the trains, All minor schedules and repairs, Lifting for replacement of heavy equipment and testing, Repair of heavy equipment, DCC, PTR, RSS & ASS and other O&M buildings etc.

"MMRDA Team have achieved Milestone by completing the Rolling Stock Simulators building. The full Cab mock-up of MRS1 Coach will be installed for the training of Metro Pilots, which will facilitate the skill of handling the real time situation. Other than that the total 64% progress of Mandale depot is achieved till date. The Site Execution work is going on in full swing & is expected to be completed as per the stipulated time line" said Shri. S.V.R. Srinivas IAS, Metropolitan Commissioner, MMRDA.

