

Airport Metro realigned to reduce property impact

Engineering redesign carefully optimised to minimise the demolition of properties along the 7.5 km stretch from 1,000 to 900, says Hyderabad Airport Metro Rail MD N.V.S. Reddy

The Hindu Bureau
HYDERABAD

Hyderabad Airport Metro Rail Limited (HAML), the Telangana government's special purpose vehicle tasked with planning and executing Phase II of the Hyderabad Metro Rail (HMD) project, has announced a reduction in the number of affected properties along the 7.5 km stretch – from 1,000 to 900.

HAML Managing Director N.V.S. Reddy stated in a press release on Sunday that this was achieved through “engineering redesign and realignment.” The alignment has been carefully optimised to minimise property impact, he said.

Hyderabad Metro Rail Phase II will span 76.4 km across five corridors, including extensions to the existing 69.2 km Phase-I lines, at an estimated cost of ₹24,269 crore. The project is proposed as a joint



Already 380 properties have been demolished for Metro works.

venture with the Centre and is currently undergoing inter-ministerial appraisal in Delhi.

Compensation

Compensation totalling ₹360 crore has already been disbursed to affected property owners.

Awards have been issued for 412 properties, and demolition of 380 has been completed. Daily review meetings are being held with engineering and revenue officials to moni-

tor progress, he said.

The MD also said that a detailed action plan has been prepared to acquire the remaining properties and expedite demolitions with the works gaining momentum. Groundwork for the Metro works is underway with locations for upcoming metro pillars identified and marking has commenced. The pillars, which will support the viaduct, will be spaced approximately 25 metres (about 82 feet) apart.

A geotechnical agency has been appointed to conduct soil bearing capacity tests, which will begin shortly to prepare for metro stations and pillars. A Differential Global Positioning System (DGPS) survey has also been conducted to finalize locations without disturbing historical or sensitive structures.

Temporary Bench Mark (TBM) locations have been fixed to aid survey work during construction. Arrangements are being made to shift underground sewerage, water pipelines, stormwater drains, and overhead electricity lines in areas where metro stations and pillars will be located, he explained.

All overhead electric lines will be converted to underground cabling as per the directions of Chief Minister A. Revanth Reddy. Departments such as the Water Board, GHMC and TSSPDCL have been asked to submit their estimates in the coming days.