1043-00-25 Shrideh Khalaf Al-omari^{*} (shrideh2001@yahoo.co.in), Faculty of Engineering Technology, Al-balqa ap, Amman, Jordan, and Pradeep K. Banerji (banerjipk@yahoo.com), Jodhpur University, India, Jodhpur, India. Multipliers and Operators on the Tempered Ultradistribution Spaces of Roumieu Type for the Distributional Hankel-Type Transformation Spaces.

The tempered ultradistribution space of Roumieu type for the spaceHì,íis defined, which is a subspace of the Hausdorff locally convex topological linear space. Further, results are obtained for the multipliers and operators on the tempered ultradistribution spaces for the distributional Hankel-type transformation spaces. (Received July 15, 2008)