■ Job Information

Subject No.	2024R-61
Job Title	Fixed Term Researcher
Department	Open Innovation Promotion Headquarters, Social Innovation Unit / ICT Testbed Research and Development Promotion Center, Social-ICT System Laboratory
Work Contents （Research theme)	Construction of a testbed environment and empirical research and development related to the fusion of next-generation ultra-high-frequency wireless communication technology and AI technology or distributed device management technology to integrate with an autonomous mobility-oriented society in the Beond 5G era.
Detail of Work Contents	The Beyond 5G era in the 2030s will be an era in which robots, drones, self-driving vehicles, and other autonomous mobility devices will play an active role in supporting society. In order to connect such autonomous mobility and solve various social issues or create new values, the employee will engage in empirical research and development related to the fusion of next-generation ultra-high frequency wireless communication technology such as terahertz and AI technology or distributed device management technology, as well as test bed environment construction work to promote social implementation of these technologies. The project will be engaged in the construction of a test bed environment to promote the implementation of these technologies in society. The Article 15(2) of the Act on the activation of Science, Technology and Innovation will be applied to this work content.
	Employees to be hired through this recruitment may apply for external competitive research fundings such as Grant-in-Aid for Scientific Research (KAKENHI) and NICT's internal research fundings.
Application requirement	If the applicant wishes to engage mainly in the research and development of next-generation very high-frequency radio, he/she should have expertise in antennas, radio propagation, modulation/demodulation/coding schemes, and communication protocols. If the applicant wishes to engage mainly in research and development of space-time synchronization technology, he/she should have expert knowledge of space-time synchronization technology. Experience in related demonstration experiments is also desirable.
Recruiting (Number of people)	1
Contract period	hiring date ～ March 31,2025 N.B. Contract could be renewed.
The employment period in case of fully renewing	Up to 5 years if certain conditions are fulfilled
Salary (basic salary)	¥484,000 ～ ¥516,000／month Basic salary shall be determined by taking into account each employee's experience and task to be engaged in. However, as a basic salary is compliant with government employees' wages, it shall be changed when a basic salary is changed after labor union and the like of NICT agreed under a revision to the government employees' wages.
Work Place	Headquarters (Koganei-shi, Tokyo)
Working frequency	5days/week（7.5hours/day）

Department name and work place including work contents (research theme) and detail of work contents might change according to organizational change, etc.
Scope of change in work and workplace：No changes are expected in general.