

Call for Research Projects Proposals (CFP-8)

Submission deadline: August 31st, 2024



The National Telecom Regulatory Authority (NTRA) Provides Technical and Financial Support for Promising ICT Applied Research projects

Research Areas

- The NTRA supports research in the telecommunications field in addition to other relevant fields. R&D is aligned with NTRA strategy designed to include academic industrial development in the telecommunication industry hence creating better services and developing solution to key chronic challenges facing ICT industry nowadays.
- This call for proposals focused on the enhancement of **indoor mobile signal, coverage, and quality**. This initiative seeks innovative and practical solutions to improve wireless communication technologies, ensuring reliable and high-quality connectivity for all. Proposals should address current challenges in mobile networks, propose novel approaches for indoor signal enhancement, and demonstrate potential for significant impact. We encourage submissions from researchers and practitioners who are passionate about advancing the field of mobile communications. **The funded projects should adopt prototypes as a final deliverable.**

The topics listed here will receive higher priorities. To this end, the NTRA encourages applicants to submit proposals in the following topics:

- **Mobile phone Repeaters.**
- **Distributed Antenna System.**
- **Intelligent Reflecting Surfaces.**
- **Wi-Fi Extender.**

Submit your proposal online at rd.projects@tra.gov.eg
For more information please visit NTRA website <http://www.tra.gov.eg>

The National Telecom Regulatory Authority (NTRA) was established by the provisions of the Telecom Regulation Law as the national authority responsible for regulating and administering the telecommunications sector. NTRA aims to enhance and deploy services in compliance with the most advanced technologies, satisfying customers' needs at the most appropriate prices, while considering transparency, open competition, universal service, and the protection of customers' rights. In pursuit of this goal, NTRA keeps pace with emerging technologies and applications, aiming to bridge the gap between academic activities and technical developments, as well as political visions and real market needs. This vision is based on interaction and collaboration with a wide variety of academic and industry stakeholders to advance science and technology in key strategic domains that serve the Egyptian ICT sector at large, and contribute to the development of different solutions that can help solve key chronic challenges facing the ICT industry today.