Telecom Technology Development FundAre you sure you want to sign out?CancelSign OutEngEnglish/à¤¹à¤¿à¤,à¤¥€Sign InBackDetailsBenefitsEligibilityExclusionsApplication ProcessDocuments RequiredFrequently Asked QuestionsSources And ReferencesFeedbackSomething went wrong. Please try again later.OkYou need to sign in before applying for schemesCancelSign InSomething went wrong. Please try again later.OkIt seems you have already initiated your application earlier.To know more please visit CancelApply NowCheck EligibilityMinistry Of CommunicationTelecom Technology Development FundAcademic InstitutionsAtmanirbhar BharatChipsetDomestic CompaniesGrantsIPR Creation MentoringMSMEsPilotStartupsTelecom In Remote AreasTelecom In RuralDetails Telecommunication technology products require significantly large funding and long gestation periods for R&D and commercialization including the additional efforts and resources for the products to move from prototype to commercial grade. In the cases of high-impact deep-tech projects, elaborated in later sections, there is a need for higher funding to build such products at an affordable cost to enable state of the art services for rural areas in the country. Taking note of this strategic need in the telecom sector and to create a large pool of capital available for R&D in the country, different financing instruments are offered under various schemes of the Government of India to develop indigenous technologies and solutions. Apart from the existing R&D funding mechanisms, annual collections under the Universal Service Obligation Fund (USOF) will also be utilized by the Department of Telecommunications (DoT) for funding research and development of technologies, products, and services for the purpose of providing telecom services in rural and remote areas. An allocation of 5% of annual collections from USOF will be available for funding R&D in the Telecom sector, starting with the funds collected in the financial year 2021-22. Commercialization and adoption of these telecom technologies and solutions developed shall be given priority including through USOF schemes. Induction of new technology developments in the telecom sector in rural and remote areas through pilots and trials.Deliverables are in line with the objectives, scope, and activities envisaged above. The impact of the Scheme would be measured in terms of:Number of products, solutions, Use cases developed, commercialized and its market value;Number of entities received educational order, culminating in getting full-fledged orders; andNumber of IPs generated and commercialized.

BenefitsThe scheme is envisaged to bridge the digital divide by developing and manufacturing the state-of-the-art technologies for rural and remote areas. The objectives are, inter alia, to promote:Technology Ownership and indigenous Manufacturing (Atmanirbhar Bharat) & reduce import and open up export opportunities;Proliferation of next-generation Telecom technologies in Rural and Remote areas;Creating a culture of Technology co-creation and co-innovation;Promote the ecosystem for research, design, prototyping, development, proof of concept testing, IPR creation, field testing, security, certification, and manufacturing of telecom products, end-to-end Solutions, Usecases, Pilots, inter alia; develop and establish relevant standards to meet national requirements and enable their standardization in international standardization bodies;Promote rural-specific communication technology application/use case development that caters to the needs of rural masses and adds value to their day-to-day activities both economic and social;Create synergies among the Academia, Research Institutes, Start-ups, and Industry for capacity building and development of the telecom ecosystem through outreach to build rural/remote areas relevant technologies and solutions;Bridge the gap between R&D and commercialization of products and solutions;Enable proliferation of affordable broadband and mobile services;Enable technology demonstration, product integration, pilots, and field trials of the products and solutions;Enable Technological/business model innovation in solutions and services by utilizing existing infrastructure of USOF/DoT/GoI funded projects; orCommercialize developed technologies under the scheme. USOF schemes shall incorporate necessary provisions to ensure to enable the rollout of these indigenously developed and piloted technologies developed in all its models.

EligibilityThe following Indian entities are only eligible for support from this fund.Domestic Company(ies) with focus on telecom R&D, Use case developmentStartups / MSMEsAcademic institutionsR&D institutions, Section 8 companies / Societies, Central & State government entities / PSUs /Autonomous Bodies/SPVs / Limited liability partnerships- with a focus on telecom research and developmentCollaborative consortium of the above entitiesFor Pilots: The above entities may partner, inter alia, with PSUs, TSPs, Central/State Government entities, government autonomous bodies, SPVs, etc.For Pilot application: Minimum TRL 7 is required.

ExclusionsExclusions (if any):When an Indian Company receives a grant under the scheme, it is envisaged to retain its status as a 'Domestic Company' for a minimum period of two (2) years after completion of the project to enable the percolation of public funded R&D benefits into the ecosystem.If a foreign investor1 or foreign Successor-in-Interest wishes to acquire a majority stake, within the above two-year period, the company can do so, by paying twice the grant principal amount received directly or through a partnership with academia/research institution under the scheme.

Application ProcessOnlineApplication Process: (Stepwise):Step 01: Online submission of Proposal (https://usof.gov.in/en/home)Step 02: Screening of the applicantStep 03: Review and due diligence by the Technical Evaluation CommitteeStep 04: Review and examination by the Administrative CommitteeStep 05: Final approval from Competent AuthorityStep 06: Assignment to Implementation AgencyStep 07: Continuous monitoring by IA and fund disbursement

Documents RequiredApplicant and collaborator ResumeRegistration certificate of the organization/InstituteApproval Certificate from your organisation/Institute on their letterhead for submission of Open/Pilot/Chipset ProposalAnnual report of last 3 yearsTAN/ PAN/ CIN of primary applicant/organizationApplicant team resumeGANTT/ PERT chartDetailed Technical Architecture diagramPresentation of proposalDeclaration document

Frequently Asked QuestionsIn the application form there is a section for lead investors. Does it stand for founder/ head of the organisation? If there is a consortium, who should be put as lead investor?In the application, the applicant should mention the details of Investors. In the case of a consortium, the primary applicant should be mentioned.Is renting of workspaces an eligible activity for funding?The land building etc. shall not be a part of eligible expenditure for the funding. Kindly refer to clause 5 of TTDF guidelines available on the USOF website.Is there any preference for proposal from applicant type like startup, MSME, Government Institute, PSU, Academia or other registered organisation?No.Is it allowed to have any executive summary document or any additional supporting document along with the application form?Yes, there is a option to add additional document.Is any domestic telecom R&D company eligible or only MSME and start-up?Please refer to clause-6 of TTDF guidelines available on USOF website.The IP developed through this program, will it be shared with the IA?Kindly refer to clause 8 of TTDF guidelines available on USOF website.Is it mandatory for Start up or MSME to contribute in the proposal?Kindly refer to the addendum for TTDF guidelines dated 14.08.2023.

Sources And ReferencesGuidelinesOfficial WebsiteOkWas this helpful?News and UpdatesNo new news and updates availableShareSomething went wrong. Please try again later.OkYou need to sign in before applying for schemesCancelSign InSomething went wrong. Please try again later.OkIt seems you have already initiated your application earlier.To know more please visit CancelApply NowCheck EligibilityMinistry Of CommunicationTelecom Technology Development FundAcademic InstitutionsAtmanirbhar BharatChipsetDomestic CompaniesGrantsIPR Creation MentoringMSMEsPilotStartupsTelecom In Remote AreasTelecom In RuralDetailsBenefitsEligibilityExclusionsApplication ProcessDocuments RequiredFrequently Asked Questions

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