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**India-UK Joint Opportunity in Telecommunications Research (DST-EPSRC)**

1. **Title of Project** [up to 150 characters]

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1. **Project Area [**Themes Specified in Call Script**]**

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1. **Applicants**

Please provide the names, full affiliations and contact details of all project leads and co-investigators. Please indicate lead investigator from each country in **bold** font.

**UK Applicants**

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| --- | --- | --- | --- | --- |
| **Position** | **Name** | **Organisation** | **Department/Division** | **E-mail** |
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**India Applicants**

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| **Position** | **Name** | **Organisation** | **Department/Division** | **E-mail** |
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### Project Goal & Objectives

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1. **Total Value of Grant Requested**

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| GBP (On UK side) INR (On India side) |

### Summary

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| Word limit: 550In plain English, provide a summary we can use to identify the most suitable experts to assess your application.We usually make this summary publicly available on external-facing websites, therefore do not include any confidential or sensitive information. Make it suitable for a variety of readers, for example:* opinion-formers
* policymakers
* the public
* the wider research community

**Guidance for writing a summary**Clearly describe your proposed work in terms of: * context
* the challenge the project addresses
* aims and objectives
* potential applications and benefits
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1. **Core Question: Vision and Approach**

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| Guidance: Create a document that includes your responses to all criteria. The document should not be more than 6.5 sides of A4, single spaced in paper in 11-point Arial (or equivalent sans serif font) with margins of at least 2cm. You may include images, graphs, tables. References may be included but should not exceed X pages of your document. You can have an additional page for a diagrammatic workplan.Save this document as a single PDF file, no bigger than 8 MB. Unless specifically requested, do not include any sensitive data within the attachment.**For the Vision, explain how your proposed work*** is of excellent quality and importance within or beyond the field(s) or area(s)
* has the potential to advance current understanding, generates new knowledge, thinking or discovery within or beyond the field or area
* is timely given current trends, context and needs
* impacts world-leading research, society, the economy or the environment

Within the Vision section we also expect you to:* identify the potential direct or indirect benefits and who the beneficiaries might be
* identify the relevance to Telecommunications sector.

References maybe included in this section. **For the Approach, explain how you have designed your work so that it:*** is effective and appropriate to achieve your objectives
* is feasible, and comprehensively identifies any risks to delivery and how they will be managed
* if applicable, uses a clear and transparent methodology
* if applicable, summarises the previous work and describes how this will be built upon and progressed
* will maximise translation of outputs into outcomes and impacts
* describes how your, and if applicable your team’s, research environment (in terms of the place, and relevance to the project) will contribute to the success of the work

Within the Approach section we also expect you to:* describe scientific and technical aspects of the project: may cover methodology to demonstrate the research merit of the project
* demonstrate access to the appropriate services, facilities, infrastructure, or equipment to deliver the proposed work
* provide a project plan including milestones and timelines in the form of a Gantt chart or similar (additional one-page A4)
* proposed project outcomes/impact
* exchanges: Please list clearly details of movements of people between Research teams on an annual basis showing the direction of exchange including the number and duration of the visits.
* address how partners will deal with IPR associated with the project.

References may be included in this section. |

1. **Core Question: Applicant and team capability to deliver**

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| Word limit: 1,650**Why are you the right individual or team to successfully deliver the proposed work?**What the assessors are looking for in your response Evidence of how you, and if relevant your team, have:  * the relevant experience (appropriate to career stage) to deliver the proposed work
* the right balance of skills and expertise to cover the proposed work
* the appropriate leadership and management skills to deliver the work and your approach to develop others
* contributed to developing a positive research environment and wider community

You may demonstrate elements of your responses in visual form if relevant.You should consider how to balance your answer, and emphasize where appropriate the key skills each team member brings:* contributions to the generation of new ideas, tools, methodologies, or knowledge
* the development of others and maintenance of effective working relationships
* contributions to the wider research and innovation community
* contributions to broader research or innovation users and audiences and towards wider societal benefit

References may be included within this section.All proposals should be supported with brief biodata of the entire project team members indicating their affiliation, Date of Birth, highlights of academic and research activities/awards.  |

1. **Core Question: Project Partners**

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| **Add details about any project partners’ contributions.** If there are no project partners, you can indicate as NA. A project partner is a collaborating organisation who will have an integral role in the proposed research. This may include direct (cash) or indirect (in-kind) contributions such as expertise, staff time or use of facilities. Add the following project partner details: * the organisation name and address (searchable via a drop-down list or enter the organisation’s details manually, as applicable)
* the project partner contact name and email address
* the type of contribution (direct or in-direct) and its monetary value

(For audit purposes, UKRI requires formal collaboration agreements to be put in place if an award is made)**Letters (or emails of support)** Upload a single PDF containing the letters or emails of support from each partner you named in the Project Partner section. These should be uploaded in English only.What the assessors are looking for in your responseEnter the words ‘attachment supplied’ in the text box, or if you do not have any project partners enter NA.  Each letter or email you provide should:  * confirm the partner’s commitment to the project
* clearly explain the value, relevance, and possible benefits of the work to them
* describe any additional value that they bring to the project
* the page limit is 2 sides A4 per partner

 Ensure you have prior agreement from project partners so that, if you are offered funding, they will support your project as indicated in the contributions template.  Do not provide letters of support from host and project co-leads' research organisations. |

1. **Core Question: Facilities**

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| Word limit: 250**Does your proposed research require the support and use of a facility?**What the assessors are looking for in your response If you will need to use a facility, follow your proposed facility’s normal access request procedures. Ensure you have prior agreement so that if you are offered funding, they will support the use of their facility on your project. For each requested facility you will need to provide the: * name of facility (For UK: copied and pasted from the [facility information list](https://ukri-tfs-prod-assets.s3.eu-west-2.amazonaws.com/Facility%2BInformation%2Bfor%2BTFS.docx) )
* proposed usage or costs, or costs per unit where indicated on the facility information list
* confirmation you have their agreement where required

If you will not need to use a facility, indicate this as NA.  |

1. **Core Question: Resources and Cost-justification**

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| Word limit: 1000**What will you need to deliver your proposed work and how much will it cost?**What the assessors are looking for in your response**Summary of UK Costs (in £):**Justify the application’s more costly resources, in particular:* project staff
* significant travel for field work or collaboration (but not regular travel between collaborating organisations or to conferences)
* any significant equipment cost
* any consumables beyond typical requirements, or that are required in exceptional quantities
* all facilities and infrastructure costs
* all resources that have been costed as ‘Exceptions’

Assessors are not looking for detailed costs or a line-by-line breakdown of all project resources. Overall, they want you to demonstrate how the resources you anticipate needing for your proposed work:* are comprehensive, appropriate, and justified
* represent the optimal use of resources to achieve the intended outcomes
* maximise potential outcomes and impacts

**Summary of India costs (in INR) with justifications:** 1. Manpower allocation
2. Exchange visits
3. Consumables
4. Small equipment
5. Contingency
6. Overheads
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1. **Additional Question: Research Partnership**

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| This question is included in the UK-India joint opportunity Telecommunications research (DST-EPSRC) application form and does not need to be entered again in the Funding Service. For further details, please see the guidance on the application form.**How does your proposed work involve collaboration between UK and India?** Demonstrate how the research partnership:* involves high-level international joint research aimed at enhancing scientific and technological capabilities for both countries
* demonstrates a clear and feasible division of roles between the Indian and UK research, throughout the research period
* has an appropriate plan for building and expanding the international collaboration
* involves research exchanges and collaborations that are equitable and mutually beneficial for both countries
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**Annexure 1 Work Plan**

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| **DST - EPSRC Call for Research Proposals: Project Work Plan & Timelines** |
| **Project Title** |  |   |
| **UK Lead Institution** |  |   |
| **Indian Lead Institution** |  |   |
| **Project start date** |  |   |
| **Project end date** |  |   |
| **Project Activities {Year-wise)**( Please include the details of exchange visits, workshops, trainings, dissemination and outreach activities and evaluation Reports after each phase) | **Specify roles of India and UK partners for each activity** | **Timelines**(Please provide details of expected timelines of each activity listed) | **Outcomes**(Please list down the key expected outcomes such as knowledge transfer, training, patents, joint publications, community outreach, student outreach, business partnership, new technology development, policy level intervention etc. for each activity listed) | **Indicators** (Please mention indicators against outcomes for monitoring and evaluation) | **Risks Associated**  | **Measures to mitigate risks**  |
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**Annexure 2 Finance Plan**

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| **DST-EPSRC Finance Sheet** |
| *Reference No (for official purpose only)* |  |
| **UK Costs (Year wise)** |
| **Expenditure** | **Number of Units** | **Per Unit** | **Total** |
| **Visit of UK team to India (include Fare+ Visa fees + Medical insurance)** |   |   |   |
| *International Fare* |   |   |   |
| *Visa Fees* |   |   |   |
| *Overseas Medical Insurance by silver class for visit duration* |   |   |   |
| **Visit of India team to UK (Local travel + accommodation + Allowances)** |   |   |   |
| *Local Travel* |   |   |   |
| *Accommodation* |   |   |   |
| **Project costs**  |   |   |   |
| *Consumables* |   |   |   |
| *Facility and Infrastructure Charges* |   |   |   |
| *Project Staff* |   |   |   |
| *Equipment* |   |   |   |
| *Travel for field work etc* |  |  |  |
| *Any other (exceptions)* |  |  |  |
| ***Total EPSRC funding requested*** |   |   |   |
|  |   |   |   |
| **India Costs (to be quoted in INR Year wise)** |
| **Expenditure** | **Number of Units** | **Per Unit** | **Total** |
| **Visit of India team to UK (include Fare+ Visa fees + Medical insurance)** |   |   |   |
| *International Fare* |   |   |   |
| *Visa Fees* |   |   |   |
| *Overseas Medical Insurance by silver class for visit duration* |   |   |   |
| **Visit of UK team to India (Local travel + accommodation + per diem)** |   |   |   |
| *Local Travel* |   |   |   |
| *Accommodation* |   |   |   |
| **Project costs**  |   |   |   |
| *Manpower/human resource as per DST norms* |   |   |   |
| *Equipment*  |   |   |   |
| *Consumables* |   |   |   |
| *Contingency* |   |   |   |
| *Any other* |  |  |  |
| *Institutional Overhead* |  |  |  |
| ***Total DST funding requested*** |   |   |   |
|  |   |   |   |
| **External Funding Contributions (from Institution or other Sources)** | **Number of Units** | **Per Unit** | **Total** |
| Direct investment from institution (can include staff time) |   |   |   |
| Direct investment from other partners e.g. commercial sponsor  |   |   |   |
| Indirect contributions from institution – student fee and other discounts |   |   |   |
| Indirect contributions from institution – project costs |   |   |   |
| Other indirect or direct contributions (please specify) |   |   |   |
| ***Total*** |   |   |   |
|  |  |  |  |