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|  | Concept Development (In conjunction with IRCC International Research Collaboration Co-Fund) (CD-IRCC) Cycle 07(2024-2025) |

[ ] **Option 1: Local Project (Concept Development Grant)**

[ ] **Option 2: International Project (IRCC Grant)**

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| **Project Title** |
| (--------------------------------------------------------------------------------------------------------------------------------------) |
|  **Lead Principle Investigator (LPI) information – Qatar University** |
| **Name** |  |
| **Rank/ Title**  |  |
| **College/Research center/Lab** |  |

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|  **Lead Principle Investigator (LPI) information – Partner Institution\* (if option 2)** |
| **Name** |  |
| **Position Title** |  |
| **College/Department, Research Center/Laboratory** |  |
| **E-mail Address** |  |
| **Phone/mobile** |  |

\*add another table if necessary

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| **List of Team Members**  |
|  | Researcher#1 | Researcher#2  | Researcher#3 |
| Name |  |  |  |
| Role in Project (PI, RA, GA, Graduate Student…) |  |  |  |
| Institution/Rank |  |  |  |
| College/ Center/Laboratory |  |  |  |
| E-mail  |  |  |  |
| Phone/Mobile |  |  |  |
|  | Researcher#4 | Researcher#5  | Researcher#6… |
| Name |  |  |  |
| Role in Project (PI, RA, GA, Graduate Student …) |  |  |  |
| Institution/Rank |  |  |  |
| College/ Center/Laboratory |  |  |  |
| E-mail  |  |  |  |
| Phone/Mobile |  |  |  |

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| **Abstract** ***(Not to exceed 300 words)*** |
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| **Alignment with Research Priorities** *Describe how the research aligns with the QU Research Pillars, Topics and Sub Topics. Describe how the research will address and provide solutions to national, regional and international problems* *(Not to exceed ½ page)*  |
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| **Strategic Benefit of proposed Collaboration** ***Describe how the project will support wider collaborations between Qatar University and the partner institution(s). Please include details (if available) of any signed MOUs or previously awarded collaborative projects Inc. funding source and team members.******(Not to exceed 1 page)*** |
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| **Rebuttal** ***In case of resubmission, provide the needed answers to the previous review comments******Please also highlight the changes/enhancements in the ‘ Research Plan and Expected Outcomes’*** |
|  |
| **Research plan and Expected Outcomes*****(not to exceed 12 pages excluding references)*** |
| **A. Objectives/significance (one page recommended)****List the goals and objectives of the research proposed to test a hypothesis, create a novel or original design, solve or understand a specific problem, address a critical obstacle to progress in the field, new knowledge in the subject or develop new technology. Also, describe how the outcome might answer the research question.****B. Background or Literature Survey (two pages recommended)****Briefly outline background research, knowledge, or information that has led to the current project proposal, assess existing data or qualitative analysis, and discuss how the outcome data from your project will fill the gaps in existing knowledge in the relevant field.****C. Preliminary Data or Studies (if any)****Discuss your preliminary data or studies that are pertinent to the intended project application.** **D. Research Design and Methodology (at least 5 pages)****Describe the research design, including an outline of the experimental plan, procedures, and analyses to be used to accomplish the specific objectives of the proposed research project. If applicable, you may consider doing some of the following:*** **describe how data will be collected, statistically analyzed, and interpreted**
* **describe clearly any new concepts, approaches, tools, or technologies for the proposed project**
* **describe any modifications in methodology and advantages over existing methodologies**
* **describe the potential difficulties or limitations of the proposed procedures and provide alternative approaches to achieve the specific objectives**

**E. Work Plan and Technical Description*****Describe the Work Packages defining your project activities. Define for each WP:*** * ***the objectives,***
* ***the responsible person and the involved researchers/students,***
* ***the timeline (Start Date and End Date)***
* ***the detailed description of the work (it is recommended to define Tasks T1, T2… ),***
* ***the deliverables (tangible outcomes produced by the tasks (one or Several deliverables D1, D2… could be produced by a single Task),***

**F. Contribution of different team members*****Describe in the project’s work packages the contribution of the team members to ensure the project is tackling the research challenge from different perspectives. Also, discuss the resources utilized from different universities (labs, equipment, external industrial and government partners, etc.) to conduct the proposed activities.*** **G. Profile of the main Research Team members*****Provide justification of the LPIs capability and experience to coordinate the project and their research teams and to achieve the proposed plan.*** ***Also Provide the profile of the other main researchers and their roles in the project.*****H. Anticipated Outcomes and Evaluation Criteria*****Describe here your plan to evaluate how the project is meeting its goals.*****I. Impact and Project Key Performance Indicators (KPIs)*****Describe your plan to disseminate research outcomes. Please use the table below to quantify the research outcomes (e.g., number of journal papers, patent disclosures, technology transfers, students trained, etc.). The research outcomes KPIs will be used to evaluate the project success.***

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| **No** | **Expected Outcomes** | **Number and Rationale** |
| 1 | Supervised or co-supervised students on a thesis/project within this proposal |   |
| 2 | Expected number of journal articles published in journals listed in **Web of Science Clarivate (Quartile in Category Q1)** |   |
| 3 | Expected number of journal articles published in journals listed in **Web of Science Clarivate (Quartile in Category Q2)** |    |
| 4 | Expected books/or book chapters  |   |
| 5 | Expected patents to be filed (if any) |   |
| 6 | Technology transfer with industry | - |
| 7 | Creative works |  |
| 8 | Others (please specify)  |    |

**h. References****List all references cited in the proposal. While there is no page limit, please be brief.** |

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| **Required Resources****To be funded by LPIs College/ Centre/ Laboratory**  |
| **Resources** | **Needed Y/N** | **Available Y/N** | **Budgeted Y/N** |
| * **Laboratory Space**
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| * **Facilities**
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| * **Office and Computer Facilities**
 |  |  |  |
| * **Major Equipment**
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| **Compliance and Ethical Considerations** |
| **Will the project involve use of any of the following:** | **Yes (please tick)** | **If yes, please specify participating institution(s)** |
| * **Human subjects?**
 | □ |  |
| * **Animal subjects?**
 | □ |  |
| * **Hazardous materials?**
 | □ |  |

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| **Previous Research Publications Related to the Proposal*****List up to five publications or patents of the research team most relevant to the proposed project.*** |
| **1.****2.****3.****4.****5.** |

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| **Previous Research Funding from QU affiliated researchers** ***List All Grants received in the last 3 years (add rows as needed)*** |
| **Title of Research Project** | **Project ID** | **Type of Grant** | **Grant Amount** | **Project Duration** | **Role\*** |
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**\*PI, Lead PI, etc**

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| **Attachments** |
| * *Letters of Commitment from the collaborative institution(s)*
* *If applicable, provide letters of support from industrial collaborators to acknowledge their interest and support to accomplish the proposed research*
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**Signature:**

We the undersigned, certify that to the best of our knowledge that:

* All the information provided in this application are correct
* My/our project idea is original and is not a duplicate of any previous work.
* If the research proposal is approved for funding, we will be bounded by all rules of the project’s agreement.

Qatar University:

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| **Name** | **Date** |
| **Lead Principle Investigator (LPI)** |  |

 University\*: (If Option 2)

|  |  |
| --- | --- |
| **Name** | **Date** |
| **Lead Principle Investigator (LPI)** |  |

\*: add another table if applicable.