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**Bell-Western 5G Research Centre**

**Proposal for Research Activity**

**Project Title**:       (brief)

**Western Project Leader:**       (name, department)

**Corporate Partner(s):** (list the partners here)

**Corporate Contact:**  (project champion at Corporate Partner)

**Technology Category:**  Choose an item. (Bell technology categories)

**Industry Category:** Choose an item. (Industry segment for the end user)

1. **Description of Research Project Scope with measures. (600 words max)**

Include the following key points:

* Purpose of the research project
* Innovation and potential impact
* High-level summary of the deliverables and how they meet corporate partner/stakeholder needs
* High-level summary of project scope, timeline, and risk mitigation strategies

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1. **Primary Outcome/Project Impact (300 words max)**

* Articulate the value proposition and/or business case expected from the project
* What are the critical success factors or measures of success?

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1. **Privacy/Transparency Elements (300 words max)**

* Elaborate on Privacy by Design and other features
* Elaborate on Transparency and how data will be used/shared

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1. **Intellectual Property (IP) Elements**

* List any Western Background IP that will be used in the performance of the Project
* List any Corporate Partner Background IP that will be used in the performance of the Project
* Describe emergent IP that is anticipated as an outcome of the Project

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1. **Description of Project Deliverables (300 words max)**

Include the following key points:

* Describe deliverables and tie them back to the Primary Outcome (above).
* Itemize the deliverables clearly. Example: “Deliverable D1: data from a 4-factor DOE matrix”

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1. **Project Execution and Resource Plan (500 words max)**

Include the following key points:

* Refer to the Objectives and Deliverables listed above.
* Identify the party responsible for completing each task.
* Note any specific resources required or allocated to each task.

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1. **Project Schedule with up to 10 Milestones**

For each milestone, provide the following:

* A brief description of the task (tied to Objectives and Deliverables listed above);
* The target completion date;
* Any potential risks which might materially impact the completion of the task (e.g., delay in hiring personnel, delay in obtaining resources such as computing hardware, etc.) and any potential mitigation strategies

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| **Milestone ID** | **Milestone Task** | **Target Completion Date** | **Risks** |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |
| 5 |  |  |  |
| 6 |  |  |  |
| 7 |  |  |  |
| 8 |  |  |  |
| 9 |  |  |  |
| 10 |  |  |  |

**OVERALL PROJECT COMPLETION DATE:**

1. **Budget: provide a detailed cost estimate including sources of support, confirmed or expected.**

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| --- | --- | --- | --- |
| **COST CATEGORY** | **AMOUNT** | **SOURCE** | **STATUS** |
| Personnel | $ |  |  |
| Materials/Equipment | $ |  |  |
| Supplies | $ |  |  |
|  | **$ 0.00** |  |  |

1. **Budget Justification (500 words max)**

For each Cost Category in the table above, provide a brief breakdown of the requirements related to the Objectives and Deliverables, unit costs, and other relevant information. Examples:

* “Personnel: Two Master Student ($20k/year, each for 1 year) are required – one perform experiments for Deliverable D1 and one to write code for Deliverable D2. Total $40k.”
* “Equipment: five devices @ $1k/device for evaluating RFI and channel quality. Total $5k.”

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1. **Curriculum Vitae (CV) (max 3 pages):** Attach an abbreviated Biosketch or CV for the lead PI only. You may use an abbreviated version of an existing CCV or Biosketch.