Template (2)
نموذج (٢)

Competitive Research Projects
Post graduate, Research and Cultural Affairs Sector
Mansoura University

Budget: Up to a maximum of 300000 L.E.

Proposal Form for Research Projects

Cover page

- **Details of the project :**
  - **Full title :**

  - **Running title :**

  - **Duration in months :**

  - **Budget :**

  - **Type of the project (s) : Please check one only**

  1- Prototyping ☐
  2- Scaling up or development of industrial process ☐
  3- Semi-industrial Production ☐
  4- Experimental field ☐
  5- Community service ☐

Industrial partner participation   Yes ☐   No☐
If yes, please specify:
- Industrial partnership is highly encouraged to transfer knowledge and maximize stakeholders' alignment.

- **Project team :**

Role*	Name	Position	Faculty / Department	E-mail
PI				
Co-PI				
Co-PI				
Co-PI				
Co-PI				

** Add more Co-PIs if relevant.

- **Evaluation :** (To be filled in by the programme coordinator)
  - **Prescreening Result :**
  - **Final decision :**

Proposal Contents

- **Abstract**

- **Specific objectives**

- **Background and significance**

- **Timeliness, innovative nature and relevance of the project**

- **Research design and methodologies**

- **Detailed time plan**

- **Quality of the research team**

- **Independent thinking and major research achievements**

- **Impact**

- **References**

- **Resources**

- **Budget**

Abstract:

Provide a brief description of your proposed project (300 – 500 words). The abstract should be understandable to the evaluator who is not an expert in the core of your research background. A well – prepared abstract should contain a brief account of the following:

1. Concise description of the research problem.
2. Specific aims and broad objectives of the project.
3. Research design and methodologies.
4. Expected outcomes and potential applications of project`s results.

Specific objectives

Please specify the main objectives of your research proposal. The proposed objectives should be operational and measurable and can be accomplished by the end of the research project. The proposed objectives should reflect the activities of the research plan and will be the basis for the evaluation of your project.

Background and Significance

Please describe the research problem and provide a critical analysis of the pertinent literature highlighting the gaps in the current knowledge that could be bridged *via* the realization of your project. This section should demonstrate the important of the research topic and why it is worth researching. This section should be presented in a maximum of 2 pages.

Timeliness, innovative nature and relevance of the project

Please describe the originality of the project and its progress beyond the state-of-the-art. Additionally, describe the appropriateness of the project to fill the gap of the urgent community needs. This section should be presented in a maximum of 2 pages.

Research design and methodologies:

This section is the core of your proposal, in which you should provide the following:

- An outline / overview of your proposed research.
- A description of the stages that you and your collaborators will pursue in order to achieve the planned research. If relevant, you may apply the "work packages" concept by formulating sub – teams to achieve certain tasks within certain times. In this case, you will have to list and describe these work packages.
- A description of the scientific and technical methodologies that will be employed in your research. While an adequate, brief reference to the standard methodologies will be sufficient, you will have to provide a detailed description of any novel methodologies that will be used.
- Please illustrate milestones that can highlight the successful implementation of your project, and where appropriate, please describe the approach to be taken regarding the intellectual property that may arise during the implementation of research plan.

This section should not exceed 8 pages and you are advised to use illustrations to clearly explain your research plan.

Detailed time plan.

Develop a timeline for the completion of the proposed research phases in not more than 24 months. You can use a Gannt chart for graphical representation of a project's scheduling to illustrate the work breakdown structure

Quality of the research team

The principle investigator should identify the relevance of his/her expertise to the outlined research. Additionally, please demonstrate the research areas of your

research team and explain how their scientific backgrounds will fit in with your proposal. Additionally, provide a biographical sketch and relevant skills of each investigator and identify his / her proposed role in the research plan.

Independent thinking and major research achievements

Please describe activities that reflect your independent thinking (managing research grants, scientific events organization, initiating research collaborations…etc.). In addition, please specify your significant research outputs (funded projects, patents, publications …etc.).

Impact

Please describe the potential impacts of your project on the environmental, social, cultural and economic sustainability levels. Additionally, please specify entrepreneurship, technology transfer and commercialization potentials of the project deliverables. Please develop a dissemination plan to show how the project outputs will be deployed to the potential stakeholders. Finally, please give a brief regarding your future plan to build upon the expected research deliverables and demonstrate a sustainability plan to show how your research will move forward after the end of funding.

References

Provide a list of the references you have cited in your proposal. There is no preferred reference style, but you will have to use a single one throughout the whole list.

Resources

Describe all relevant facilities and equipment available at your and your research partners` laboratories that you can use in order to achieve the proposed research plan. Then, highlight the lack of certain equipment and facilities that you

will need to achieve the proposed objectives. This will help you to justify your budget request.

Budget Plan

You may request a budget of up to 300.000 L.E. to achieve your proposed plan. However, you have to propose a realistic budget that is consistent with the size of your proposed research plan. You should note that when two relevant proposals would be given the same score, the one with lower budget will be selected. The following table shows the items that you can request budget for:

Item	Maximum Percent of total Budget
Equipment (purchasing, maintenance, upgrading, rehabilitation for accreditation	50%
Consumable Supplies (chemicals, glassware & plasticware, etc.)	25%
Designing, prototyping, Semi-industrial Production, etc.	20%
Technicians and Administrators	5%

Provide a table including realistic estimations of the costs of the items you request budget for. Then, justify the need to spend on these items in the light of your research plan and proposed activities.