**Skoltech-MIT Next Generation Program**

**4th Call for Proposals**

White Paper

COVER SHEET

Project Name:

Abstract: [max 250 words] - Provide a brief overview of your proposal and what you plan to accomplish

Proposal ID: [co-PLs Last names i.e. Petrov/Smith]

**MIT Co-Project Leader**

Total funds requested: [\_\_\_\_] K USD[[1]](#footnote-1)

*(USD 350K max per year – USD 1,050K max total funding)*

Proposed term of funding: [up to 2.5] yrs.

**Skoltech Co-Project Leader**

Total funds requested: [\_\_\_\_] M RUB

*(RUB 8 M max per year – RUB 20M max total funding)*

### Project Leaders’ Data

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Full Name | Position and Title | CREI or Department Name | Email |
| MIT Co-Project Leader  |  |  |  |  |
| Skoltech Co- Project Leader  |  |  |  |  |

This White Paper was prepared with my input This White Paper was prepared with my input and consent. and consent.

[MIT Co-PL name] [Skoltech Co-PL name]

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(date, signature) (date, signature)

White Paper

BODY

[----Please remove from the completed paper before submission----

Important information about the White Paper format requirements:

- use the proposed font (Calibri, size 11, regular spacing)

- keep the proposed paper size and margins (A4, margin of 1 inch on each side)

- line spacing should be single

- observe page limits for specific sections

Changing the set format may prevent reviewers to evaluate a proposal.

------------------------------------------------------------------------------------------------------]

# Executive Summary

[Provide a brief overview of your proposal and what you plan to accomplish.]

# Background and Significance

[Describe how the Project will impact research, innovation and/or education activities of Skoltech.]

# Specific Aims and Project Description

[Briefly describe the proposed Project. This should be a high-level description. Emphasize the novelty and originality, how the project will benefit from collaboration between the Skoltech and MIT teams, and how the aims will be accomplished]

# Project Team

[List team members, not including co-PLs. If a team member is not identified but will be required to perform the Project, please indicate a vacancy. Add rows as necessary.]

|  |  |  |  |
| --- | --- | --- | --- |
|  | Full Name | Position and Title | CREI Name |
| MIT Team |
| 1. |  |  |  |
| Skoltech Team |
| 1. |  |  |  |

**Innovation**

[Is there interest from Industry (i.e. Skolkovo start-up companies) and other stakeholders, and are there mechanisms to engage them with the Project?]

**Available Resources and Budget**

[Describe what resources are available (infrastructure, equipment, materials). A high-level budget should be provided on a separate page.]

**Funding**

[Have you sought other sources of funding? Please identify other sources of funding that might be used to co-fund this work.]

**Conflict of Interest**

[Please disclose potential conflict of interest if applicable.]

*NOTES:*

1. Please do not exceed 3 pages of text, not including the cover sheet and budget information. One additional page of graphics may be appended.
2. This White Paper will be reviewed in confidence by the Steering Committee.
3. Submitting a White Paper does not constitute a public disclosure.

White Paper

BUDGET

**Budget Guidelines**

A project budget consists of the parts under respective co-PL’s control. Expenditures for Skoltech Co-Project Leader should be budgeted and reported in Rubles; Expenditures for MIT Co-Project Leader should be budgeted and reported in US Dollars.

Maximum annual total budget for Skoltech Co-Project Leader should not exceed 8 000 000 Rubles. The allocated funds should be spent within a calendar year. No carry over is allowed.

Maximum annual total budget for MIT Co-Project Leader should not exceed 350 000 US Dollars[[2]](#footnote-2). Funds should be spent according to MIT policy.

The following expenditures are permitted under the NGP 4th Call for Proposals at Skoltech:

* Project Personnel costs (salaries and benefits for research and technical staff, including employees and new hires); Skoltech faculty salaries and Skoltech student stipends will not be charged to the project budget.
* Bench fees for Skoltech MSc and PhD students (costs associated with support of research activities of the students, including travel support);
* Business trips
* Materials, supplies and services
* Subcontractors (no more than 20% of the total budget);
* Equipment (no more than 10% of the total budget)

**PROPOSED BUDGET for 2022 for Skoltech Co-Project Leader**

in **‘000** RUB

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Description** | **K RUB** | **ANNUAL TOTAL** |
| **Personnel** |  |  |  |
| Research staff |  |  |  |
| **Operating Expenditure** |  |  |
| Bench fee for MSc and PhD Students |  |  |  |
| Business Trips |  |  |  |
| Materials and Supplies |  |  |  |
| Services |  |  |  |
| Subcontractors (no more than 20% of the total budget) |  |  |  |
| **Capital Expenditure (no more than 10% of the total budget)** |  |  |
| Lab equipment |  |  |  |
| Software |  |  |  |
| **ANNUAL TOTAL** |  |  |  |

The following expenditures are permitted under the NGP 4th Call for Proposals at MIT:

Funding may be used for MIT salaries (including summer salaries as well as RA, postdoc, and other salaries), tuition for MIT students, materials & supplies, services, equipment, travel & meeting costs to facilitate collaboration with Skoltech, and indirect costs.

 **PROPOSED BUDGET for 2022 (1 Year) for MIT Co-Project Leader**

|  |  |
| --- | --- |
| **Description** | **USD** |
| **Salaries and Wages** |  |  |
|  |  Faculty (Summer Months)  |   |
|  |  Research Staff  |   |
|  |  Educational Staff  |   |
|  |  Post-Doctoral Associates  |   |
|  |  Admin. Support  |   |
|  |  RA (PhD)  |   |
|  |  RA (MS)  |   |
|  **Total Salaries**  |  |  |
|  **Benefits**  |  |  |
|  |  Employee Benefits (@24.8%)  |   |
|  |  Vacation Accrual (@8.7%)  |   |
|  **Total Benefits**  |  |  |
|  **Operating Expenses**  |  |   |
|  |  Travel  |   |
|  |  Operating Expenses  |   |
|  **Total Operating Expenses**  |  |  |
|  |  **Tuition**  |  |
|  |  **Major Equipment**  |  |
|  **Total Direct Costs**  |  |  |
|  |  Indirect Costs - F&A (@55.1%)  |   |
|  **Total Indirect Costs**  |  |  |
|  **Total Budget**  |  |  |
|  |  |   |
|  |  |  |
| **Please apply the following OH rates, where applicable :** |
| Employee Benefits Rate |  | 24.8% |
| Vacation accrual rate |  | 8.7% |
| Research F&A Rate |  | 55.1% |

1. [↑](#footnote-ref-1)
2. The total funding per NGP research project is up to $800K-$1,050K for MIT to be provided in 3 parts over a 2½-year grant period. [↑](#footnote-ref-2)