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Project Proposal Form

CONFIDENTIAL

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Cluster and Program Management Office (CPMO) National Science and Technology Development Agency (NSTDA)

Staff only

Project code (before approval)..... Project code (after approval).....

1. General information

Project Title

Principal Investigator

Name (Miss/Mrs./Mr.) Position Institution Correspondence address Telephone Facsimile E-mail Signature

Responsible Administrative Authority

Give details of the university president or the director of department as follows:

Name (Miss/Mrs./Mr.) Position Institution Correspondence address Telephone Facsimile E-mail Signature

Project Duration (Year) Total Budget (Thai Bath)

Date of proposal submission

If the project proposal has already been submitted to NSTDA but it is not complete correctly. The investigator has the right to re-correct, after consultation with NSTDA, and then re-submit. Please mark the box and indicate date of the latest resubmission

- 1° resubmission 2° resubmission

This proposal or related proposal has been submitted to other funding institution (s)

- No Yes, from..... (Institute).....



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Institution
Correspondence address
Telephone
Facsimile
E-mail
The responsibility for the proposed project (Please specify details).....
The research contribution is % of the whole project
Signature

3. Abstract

(Give a scientific abstract of research proposed, including the main objective of the project and the main methods to be adopted). Do not exceed one page of A4 paper)

4. Goal

(Give objective which should meet the key output and be advantage for expected users)

5. Objective

(Give objective based on the solution of specific problem. This should relate to the research activity plan)

6. Economic, social and environmental impact

- (1. Explain how the expected output contributes to the economic competitiveness of Thailand for instance, the result make higher productivity, lower cost and etc.
2. Explain how the proposed project improves the quality of life, sustain environment and etc.)
)

7. Technology development/Innovation

(Explain details of technology expected from the project and give reason for selected method/technology use of this research)

8. Rationale / Background / Review literature

8.1 Rationale and Background

(Give sufficient details of previous researchers related to this project and the reason for operating this work)

9. Research planning

(This section should provide information on the activity plan, responsible person and related details. Key milestones and the time scale for achieving the research must be clearly stated)

Table 9.1 Research planning

| Objective | Research activity plan | 1 st year | | 2 nd year | | 3 rd year | | Responsible person |
|-----------|------------------------|----------------------|------|----------------------|------|----------------------|------|--------------------|
| | | 1-6 | 7-12 | 1-6 | 7-12 | 1-6 | 7-12 | |
| 1. | 1.1..... 1.2..... | | | | | | | |
| 2. | 2.1 2.2 | | | | | | | |

Table 9.2 Research milestone

| Year | Month | Expected output/result |
|------|-------|------------------------|
| 1 | 1-6 | |
| | 7-12 | |
| 2 | 1-6 | |
| | 7-12 | |
| 3 | 1-6 | |
| | 7-12 | |

Table 9.3 Research output

| Expected output | Output indicator | 1° year | | 2° year | | 3° year | |
|--|------------------|---------|---|---------|---|---------|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 1. Prototype | | | | | | | |
| 2. Technology | | | | | | | |
| 3. Process | | | | | | | |
| 4. Knowledge | | | | | | | |
| 5. Commercial exploitation | | | | | | | |
| 6. Public exploitation | | | | | | | |
| <input type="checkbox"/> Training | | | | | | | |
| <input type="checkbox"/> Technology transfer | | | | | | | |
| 7. Human resource development | | | | | | | |
| <input type="checkbox"/> Bachelor degree | | | | | | | |
| <input type="checkbox"/> Master degree | | | | | | | |
| <input type="checkbox"/> Ph.D. | | | | | | | |
| 8. Patent (s) | | | | | | | |

| Output Indicator | 1° year | | 2° year | | 3° year | |
|--|---------|---|---------|---|---------|---|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| 10. Research presentation | | | | | | |
| <input type="checkbox"/> within Thailand | | | | | | |
| <input type="checkbox"/> Overseas | | | | | | |

10. Collaboration with other institutes

.....
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.....

- (1. Explain in details of collaboration; particularly be related to the project
2. Please enclose confirmed statements of the collaboration, if available)

11. Budget

Year
Budget.....Baht

Table 11.1 Yearly budget planning

| Description | Year.... Total (Baht) |
|---|--------------------------|
| 1. Honorarium and Salary | |
| 1.1 Honorarium of the investigator(s) | |
| 1.1.1 Name..... | |
| 1.1.2 Name..... | |
| 1.2 Salary of research assistant (s) | |
| 1.2.1 Name..... | |
| Salary.....Baht | |
| Degree..... | |
| Field of expertise..... | |
| Experience.....Year | |
| 2. Materials (Please specify materials used through the project, such as chemicals) | |
| | |
| | |
| 3. Equipment (not more than 1 Million Baht) | |
| | |
| | |
| 4. Miscellaneous expenditure | |
| 4.1 Sample analysis | |
| | |
| 4.2 others expense, such as travelling expenses...etc...(please indicate sufficient details) | |
| | |
| | |
| 5. Overhead (not more than 10%) | |
| Grand Total | |

Table 11.2 Total budget planning

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| | 1 st year | | 2 nd year | | 3 rd year | | Total (Baht) |
|--|----------------------|---|----------------------|---|----------------------|---|--------------|
| | 1 | 2 | 1 | 2 | 3 | 4 | |
| 1.1 Honorarium of the investigator(s) | | | | | | | |
| 1.2 Salary of research assistant (s) | | | | | | | |
| 2. Material | | | | | | | |
| 3. Equipment (not more than 1 Million Baht) | | | | | | | |
| 4. Miscellaneous expenditure | | | | | | | |
| 4.1 Sample analysis | | | | | | | |
| 4.2 others expense..... | | | | | | | |
| 5. Overhead.....% | | | | | | | |
| Total | | | | | | | |
| B. Human Resource Scholarship (Bachelor, Master and Ph.D. degree) | | | | | | | |
| Total budget per 6 month | | | | | | | |
| Total budget per annum | | | | | | | |

12. Justification for Equipment (please enclose related documents)

Give items of equipment request which should be project specific.

Equipment name/specification.....

Equipment usage and necessity for the project.....

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Equipment benefit after the project completion.....

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Institution Biosafety Committee (IBC) (For the Genetic lose related document, if available)



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|---|
| Five project proposals in printing format and one electronic format based on Microsoft word should be submitted to NSTDA anytime |
| No closing date for the receipt of project proposal |