



Republic of the Philippines

DEPARTMENT OF SCIENCE AND TECHNOLOGY

PHILIPPINE COUNCIL FOR HEALTH RESEARCH AND DEVELOPMENT

**DOST-PCHRD UNDERGRADUATE THESIS GRANT IN NATURAL PRODUCTS
DETAILED RESEARCH PROPOSAL**

(1) COVER SHEET:

Title of Study
Name of Students: _____

Name of Adviser/Designation:
Contact Numbers:
Email Address:
Name of College Dean:
Name of College and Institution:
Complete Address of Institution:

Endorsement:

Name and Signature of Adviser

Name and Signature of Dean

Date signed

Date signed

Affix college seal

(2) TITLE OF THE STUDY

(3) EXECUTIVE SUMMARY

(In this section, briefly discuss what the whole proposal is about in 200 or less words.)

(4) INTRODUCTION

(This section contains a brief summary of the background information relevant to the study design and protocol methodology. Sufficient information includes description of disease/ condition of interest and present knowledge of the subject matter of the research as well as the gap in knowledge. This information is necessary in order to understand the rationale for the study.)

(5) SIGNIFICANCE OF THE STUDY

(This is the rationale of the research. It answers the question, "what is the study for?")

(6) LITERATURE REVIEW

(This section should discuss literature relevant and specific to the topic of the research proposal. It should be thorough enough so the reader can be convinced that the research proposal being presented is built on a sound information base, addresses current country health priorities and will contribute something new to health and/or allied health sciences. The exhaustive literature search should also include adequate appraisal. Further, this includes results of related research conducted by the same student/adviser, if any.)

(7) OBJECTIVES

- General objective
- Specific objectives

(8) EXPECTED OUTPUT

(This refers to the end results (e.g. production technology or knowledge) expected upon completion of the research. The output (s) needs to be identified based on the DOST 6Ps metrics to highlight impact/importance of the research. The DOST 6Ps metrics are as follows:

- *Publication*- a *published* aspect of the research, or the whole of it, in a scientific journal or conference proceeding for peer review, or in a popular form.
- *Patent/Intellectual Property*- proprietary invention or scientific process for potential future profit.
- *Product*- invention with a potential for commercialization.
- *People Service*- people or groups of people, who receive technical knowledge and training.
- *Place and Partnership*- linkage forged because of the study.

- *Policy*- science-based policy crafted and adopted by the government or academe as a result of the study.)

(9) END-USERS/ TARGET BENEFICIARIES

(This refers to the probable end-users or beneficiaries of the research output and the number and locality of beneficiaries, if applicable.)

(10) METHODOLOGY

Study design – this section indicates how the study objectives will be achieved. It includes a description of the type of study design eg. Cross sectional, case control, cohort, etc.

Site of the study – this section details the location, station or unit where the R and D will be conducted

Study population – this is required for studies involving animals and humans. This section states the number of study subjects required to enter and complete the study. A brief definition of the type of study subject required is also described.

- a. Inclusion criteria – this section describes the criteria each study subject must satisfy to enter the study. These criteria may include, but are not limited to the following: age, sex, race, diagnosis/condition, method of diagnosis, diagnostic test.
- b. Exclusion criteria – this section details the criteria that would eliminate a study subject from participation in the study.

Sample size computation - this section describes the type of sampling design and the assumptions used to compute the sample size.

Sampling Technique – this section describes the type of sampling design used.

Study plan (Study Procedure and Data Collection Procedure) – Detailed methodology is described for laboratory, diagnostic, interviews, manners of data collection. Special instrumentation may be described in a subsection (instrumentation/data collection tools, special equipment, etc.) this section explains the plan of action, procedures, and methods to be used during the study.

Variables to be investigated – dependent/outcome and independent variables. This section also gives a detailed description of outcome measurement and assessment.

Plans for Data Processing and analysis – This section details the computer facilities to be used, software packages, and the appropriate statistical tools/tests to be used.

Ethical Considerations – This section includes a description of the ethical soundness of the study.

(11) PLANS FOR DATA PROCESSING AND ANALYSIS

- Computer facilities to be used, software packages
- Statistical tools/tests to be used
- Dummy tables

(12) PROJECT DURATION

(This refers to the planned start date, completion date, and duration in months.)

(13) GANTT CHART

(14) CLEARANCE/CERTIFICATIONS

The following clearances must be submitted if applicable:

Bureau of Animal Industry clearance for studies involving animal subjects

Biosafety Clearance for studies involving genetic engineering and pathogenic organisms

National Commission on Indigenous Peoples Clearance for studies involving Indigenous Peoples

Gratuitous Permit from Biodiversity Management Bureau for studies involving collection of flora and fauna from DENR Protected Areas

Ethical clearance for studies involving human subjects

(15) LIMITATIONS OF THE PROJECT

(This refers to restrictions or constraints in the conduct of the project.)

(16) ESTIMATED BUDGETARY REQUIREMENT

(Include information on cooperating agencies, if there are any.)

(17) BIBLIOGRAPHY

(Use APA Style in citations)

(18) LINE ITEM BUDGET

Php XX,XXX

Please use the attached form for the LIB and breakdown of expenses. Allowable expenses are as follows:

Supplies and Materials - costs of items to be used in specialized S&T work such as office supplies, lab supplies, etc. It also includes all expendable commodities (delivery cost included as needed/required) acquired or ordered for use in connection with project implementation.

Traveling Expenses - costs of movement of persons locally such as transportation expenses, subsistence, lodging and travel allowances; bus, train, airplane/ship fares, trips, transfers, etc. of persons while traveling

Communication Expenses - include costs of mobile load/data, internet expenses, postage

and delivery charges, etc.

Printing and Binding Expenses - costs of producing, printing and binding materials such as manuscripts, reports, and other documents

Rent expenses – rental fees for the use of facilities, equipment and vehicles directly used in the implementation of the project

Representation – costs of meal/food for the conduct of meetings and other official functions related for the project

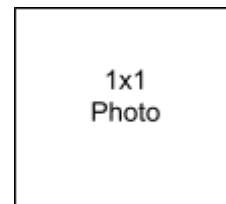
Professional Services - professional fees for technical consultants/experts, biostatistician, those that are relevant and appropriate to the project

Transportation and Delivery Services - include the costs of commercial transportation of mail, hauling of equipment or materials, including portorage, if any. Not included in this account are: costs of transportation of equipment, supplies and materials purchased for operation. Instead, these costs shall be included as part of the cost of the equipment/supplies and materials

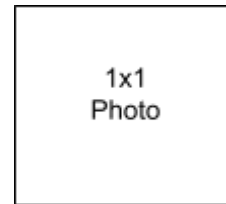
Other Maintenance and Operating Expenses - additional items not included above

(19) PERSONAL INFORMATION/ CONTACT DETAILS

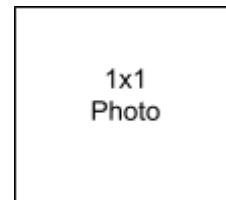
Name of adviser:
Designation:
Contact number:
Email address:
Field of specialization:



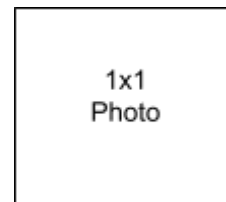
Name of student:
Contact number:
Email address:
Expected year of graduation:



Name of student:
Contact number:
Email address:
Expected year of graduation:



Name of student:
Contact number:
Email address:
Expected year of graduation:



Name of student:
Contact number:
Email address:
Expected year of graduation:

Additional sheets may be added as necessary

(20) APPENDICES

(21) BANK ACCOUNT DETAILS OF ADVISER/ INSTITUTION

- a. Account Name
- b. Account Number
- c. Bank
- d. Bank Branch
- e. TIN
- f. Proof of bank account (e.g. copy of deposit slip, front part of ATM, bank certificate, or copy of passbook)