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**COMPUTER-BASED ANNUAL PROCUREMENT PLAN (APP) PROCESSING
SYSTEM FOR COMMON USE OFFICE SUPPLY FOR THE RAMON
MAGSAYSAY TECHNOLOGICAL UNIVERSITY-IBA CAMPUS**

A Thesis Presented to the
Faculty of the College of Communication and Information Technology
Ramon Magsaysay Technological University
Iba Campus, Iba, Zambales

In Partial Fulfillment of the Requirements for the Degree
Bachelor of Science in Information Technology

By

**ANNIE GRACE PADRIGO
BIANCA ABION**

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CERTIFICATION

This thesis entitled **“Computer- Based Annual Procurement Plan (APP) For Common Use Office Supplies for the Ramon Magsaysay Technological University – Iba Campus”**, prepared and submitted by **Annie Grace M. Padrido** and **Bianca D. Abion** in partial fulfillment of the requirements for the degree **Bachelor of Science in Information Technology**, has been examined and recommended for Oral Examination.

Thesis Committee


MELOJEAN C. MARAVE, MSIT
Adviser


GEOFFREY S. SEPILLO, MIT
Member


ENGR. DIONISIO M. MARTIN JR.
Member


MR. CARLO C. AYRAN
Member

APPROVAL

Approved by the **PANEL OF EXAMINERS** on Oral Examination on March 8, 2016 with the grade of _____.


MR. CARLO C. AYRAN
Chair


GEOFFREY S. SEPILLO, MIT
Member


ENGR. DIONISIO M. MARTIN JR.
Member

Accepted in partial fulfillment of the requirements for the degree **Bachelor of Science in Information Technology**.


MENCHIE A. DELA CRUZ, MSIT
Dean



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ABSTRACT

Organizations initiate projects with the best of intentions to succeed. But due to complex nature of project activities, and the challenges associated with managing a project restriction or constraints of budget, quality and time are also unique and ever changing. The management of project constraints explains, if not fully, why many projects fail. Like any other organizational endeavors, projects are part of a wider super-system of an organization and are also influenced by both internal and external forces in a super system. The main objective of the study was to develop a LAN-Based system which could perform procurement system of the common use office supply for Ramon Magsaysay Technological University through the creation of Computer-Based Annual Procurement Plan (App) of Common Use Office Supplies for the Ramon Magsaysay Technological University-Iba Campus.

Specifically, the study sought answers to the following question: The profile of the respondents in terms of sex, no. of years in service and position. What is the respondents' perception on the level of effectiveness of the proposed system. What is the respondents' perception on the degree by which they will recommend the acquisition and implementation of the proposed system. What is the cost- benefit analysis of the proposed Computer-Based Annual Procurement Plan (APP) Processing System for Common Use Office Supply for Ramon Magsaysay Technological University-Iba Campus.



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The descriptive survey method was used in this study supplemented by an interview and documentary analysis such as in forms used in procurement management. The used of internet and library was used to gather relevant data in developing the framework of the study. Various statistical measurements were used such as frequency, percentage distribution and weighted mean.

The population was composed of the Administration Department and College Department as the main respondents for the research. The total enumeration was used to determine the number of respondents in surveying the effectiveness of the proposed system. Purposive sampling was used by the researchers to answer the goal of the study.

Questionnaire was used to collect data regarding the proposed system. Through questionnaire, the level of effectiveness and satisfaction of the proposed system was tested after implementation phase. And also the problems encountered in the current procurement management system. Interview was conducted to be able to know the process of procurement management of Ramon Magsaysay Technological University.

Majority of the respondents were Officials, typical years in service range from 31-40 years and most of them were females.

The respondents' perceived the proposed Computer-Based Annual Procurement Plan (APP) Processing System for Common Use Office Supply for Ramon Magsaysay Technological University-Iba Campus as Much Effective (ME) with a weighted mean of 3.29 the degree by which the respondents would



COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

recommend the acquisition and implementation of the proposed system was perceived as Much Recommended (MR) with a weighted mean of 3.54.

Implementation of the proposed system can save Php 120,000 or 88.33 percent in its integration. Ordering office supplies is a necessary activity for every business with an office. A procedure for ordering office supplies offers a basis for efficient, uniform and effective performance regardless of the length of time an employee has been working for your company. Without an effective procedure, you can expect added costs and inconvenient work disruptions.

In the view of findings, the researchers offer the following recommendations. Since the current system of procurement give problems on the employee, the adoption of the proposed Computer-based APP Processing System is needed to answer the problems in conduct of procurement system. To improve the procurement system of RMTU the final phase of the project needs adaptation of the system and replace the current system since it is much effective in rendering quality of procurement. Continuous study and enhancement of the system should be undertaken so that it will be at pace with constantly trends of information technology.