

MATERIALS MANAGEMENT SYSTEM

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ABSTRACT

Materials management is a process for planning, executing, controlling field and office activities for college. The materials management consists of materials requirement planning, purchased of materials, inventory requirement planning and control, ascertaining and maintaining the flow and supply of materials, construction materials. Those construction materials are available at their point of use when needed. Poor materials management can result in affect the administration. The measures divide the materials management system in goods and make the working of the system more efficient.

KEY WORDS: Cost control, Materials Management, Goods, Stock control, Construction control.

I. INTRODUCTION

The primary goal of any materials management project is the transformation of the expressed desire of owner into tangible artifacts that satisfies desire. Materials management is a process for planning, executing, controlling field and office activities for college. Materials management system is considered as a most valuable ingredient for any project.

1.1 EXISTING SYSTEM

It can be expensive as replication by each dept, increases manpower consumption since they have to spare time for other than their regular work. If student want to update the details of his property, they should contact or visit office.

1.2 PROPOSED SYSTEM

Efficient stock and stores control minimizes waste. Ideal technical basis for planning and decision making

- Improved accountability
- Better coordination
- Better performance
- Analysis of data
- Reduce wastage and defect

II. MODULES

- Master
- Construction materials
- Purchase by bill
- Account
- Report

2.1 MODULE DESCRIPTION

2.1.1 Master

The master module contains two sub modules. The sub modules are party details and item details.

(1) Party details

Party details are used to know the information about vendors. It includes party id, party name, party group, tin number, contact number, address, GST/CST number, Email id. Party group contains furniture, stationary and electronic equipments. It is used to insert, add, edit and delete the details.

(2) Item details

By selecting this option, the admin is used to insert, edit and delete the item details. It involves item code, item group, item name, purchase rate and units. Item name are related as furniture, stationary and electronic equipments.

2.1.2 Construction materials

The construction module contains two sub modules. The sub modules are party details and item details. The construction materials are available at their point of use when needed.

(1) Party details

Party details are used to know the information about vendors. It includes party id, party name, party group, tin number, contact number, address, GST/CST number, Email id. Party group contains furniture, stationary and electronic equipments. It is used to insert, add, edit and delete the details.

(2) Item details

By selecting this option, the admin is used to insert, edit and delete the item details. It involves item code, item group, item name, purchase rate and units. Item name are related as furniture, stationary and electronic equipments.

2.1.3 Purchased

Purchase order data automatically transferred from requisitions. Purchase orders adapt easily to change. Status of purchase orders reported. Purchases of critical items tracked. Purchased parts and materials have to be planned, procured and delivered when needed.

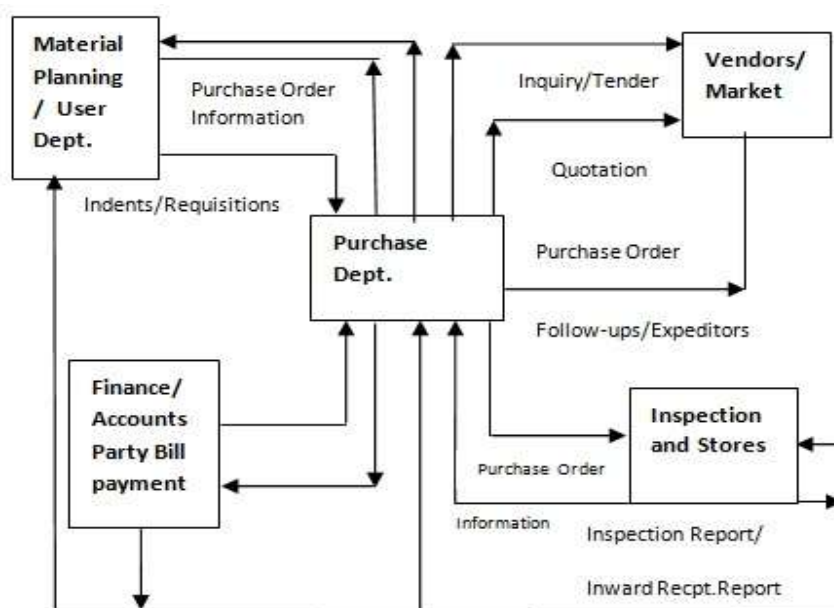


Fig.1 Flow Chart of Purchase

2.1.4 Account

Account module introduces the account details (i.e.) billing system. This module contains two sub modules are credit account, debit account. Account module includes party name, date, type, bank name, account number, check number, amount and description. The type field is categories in two ways cash and check.

2.1.5 Report

Report module describe the bill of quantity, schedules of activity, stock status, issues and delivery reports, cumulative quantity of materials , cumulative rates of materials used , rental materials, re-handled materials and, wastage analysis reports.

III. CONCLUSION

The Materials management system main aim to material requirement planning (MRP), Purchasing, Inventory planning and control, ascertaining and maintaining the flow and supply of materials, quality control of materials, Department efficiency.

The conclusion of the project to hole of the process to calculated and produces the report in PDF format.

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