

procurement management, in the ERP system, the type of raw tobacco transfer, strips settlement reference raw tobacco transfer, raw tobacco settlement for physical management, material does not represent the value attributes, and not for value management in the stage of raw tobacco leaf receiving and selection. The specific contents are as follows:

1) *Raw Tobacco Leaf Plan*: Annual purchase amount allocated in accordance with the National Bureau signed tobacco annual purchase agreements with various suppliers on the Internet, and executed in accordance with the purchase agreement for the purchase of raw tobacco. In the system according to the annual purchase agreement, created a procurement plan, including the grade and quantity of raw tobacco leaves.

2) *Raw Tobacco Leaf Purchase*: In the ERP system, the business results of the negotiations as a starting point, to record negotiations grade and quantity of material information. Created purchase orders based on the actual quantity received, and modify the purchase order entry should bear the number of transit consumption and rotten quantity of raw tobacco leaves, receipt upon completion of a level change materials to restore the original level, which merged into the original levels, while consumption scrapped transit, and automatically generate the corresponding accounting documents to ensure the system inventory and physical inventory.

3) *Raw Tobacco Leaf Selection*: In the stage of selection of raw tobacco to meet the needs of the management, system will record the material grade weight and other factors change before and after the selection, and thereby calculating the value change before and after selection.

4) *Threshing and Redrying*: Create work orders in the system, according with threshing and redrying BOM, and transferred to the subcontracting stock. Then, after the completion of the threshing, will receipt the strips and by-products outsourcing, while automatically generate the corresponding accounting documents. In the system, create leaf processing is obtained by the match play plan sheet, then feeding into the subcontract inventory, waiting for after the completion of the smoke to pills smoke receiving outsourcing and by-products, and consume the subcontract of the smoke, automatically generate corresponding accounting vouchers at the same time.

5) *Financial Settlement*: In the ERP system, in order to facilitate the purchase cost of accounting, there are three main settlement approaches:

- **Payment for Goods**: In ERP system, using purchase order receipt-based invoice verification, payment invoices, purchase orders, receiving three single one, to ensure that the three single match.
- **Strips Outsourcing Processing Fees**: Using outsourcing of processing purchase orders for invoice verification.
- **Other Expense**: Subsequent debit purchase invoice verification, expense records to the difference between subjects, and then comes down to the cost of materials.

Through above three ways, the original purchase of raw

tobacco leaf each fee into the purchasing cost, automatically generate accounting documents after the invoice verification, so that the financial monitoring to the sum of procurement operations, and can be positive and negative retrospective.

IV. Implementation Result Analysis

The management model achieves the tobacco lifecycle information management, which managing critical information throughout the tobacco cycle, such as the BOM, quality information and changes between the levels of various tobacco leaves.

Enhance the efficiency and all aspects of the entire tobacco supply chain management. In the model, gives advanced procurement management approach, can real time to reflect changes in inventory process, and improve the process of consumption management.

Better management logistics, information flow and capital flow unity in the process of tobacco resource management. Make financial can monitor to each purchasing business, and can carries on the forward and reverse traceability.

V. Conclusions

This paper presents an approach to manage the tobacco leaf resource in tobacco industry enterprise by integrating ERP and PDM system with SAP XI as the ESB. The collaboration management model has been applied to tobacco leaf value chain management it can help enterprise to obtain valuable information about levels of strategy, flexibility and performance required in the supply chain management of tobacco leaf. In the collaboration management model, will optimize the core business processes of tobacco procurement, to reduce the operating costs and to enhance the market competitiveness of the cigarette products in complex market.

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