

The Effect of Asset Management Information System on The Effectiveness of Regional Asset Management (Case Study of Metro City BPKAD)

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Abstract. This study aims to determine the information system on the effectiveness of asset management. Data obtained from observations and questionnaires. The population and sample of this study were employees of the asset management division at the Metro City BPKAD, totaling 15 people. While the analysis technique used is the validity and reliability test. The results of the analysis were then analyzed by correlation test. The results of this study indicate that the asset management information system has a significant effect on the effectiveness of regional asset management in Metro City.

Keywords : Information Systems, Asset Management, Effectiveness of Asset Management

1 Introduction

Local governments are given the authority to regulate their resources, including how to manage their fixed assets effectively in accordance with applicable laws and regulations. Fixed asset management is not an easy job, because local governments must pay attention to planning needs and budgeting, procurement, receipt, storage and distribution, use, administration, utilization, security and maintenance, assessment, elimination, transfer, guidance, supervision and control, financing and claim for compensation (Permendagri No. 19 of 2016).

Asset management is carried out for the systematic process of deploying, operating, maintaining, upgrading and disposing of assets in a cost effective manner. Mahsun (2013) said that asset management is needed to overcome property problems to reflect economy, efficiency, and effectiveness. The classic problem that is often encountered in the management of property assets is the unclear legal status of the property. That is, who actually has ownership rights to these assets is often a dispute between the existing units. This lack of a culture of efficiency for asset management has resulted in sub-optimal contractual relationships and the absence of relevant relationships between the local government as the owner and the tenants and managers.

Steps that can be taken to improve the effectiveness of fixed asset management are the use of information systems. Information systems play a role in providing useful information for decision makers within the organization, including in terms of reporting so as to support the decision-making process more effectively (Ariesta, 2013). Even today, the need for the use of information systems is a must for local governments (Nuryanto and Afiah, 2013). Grubisic et al., (2009) explained that the lack of information about public assets makes it difficult to determine asset values, budgeting in asset management, and evaluating the performance of public asset portfolios.

According to Rosihan et al., (2017) information systems play an important role in the planning and control system of the public sector which, if designed properly, can guarantee the implementation of good stewardship principles. Utilization of information systems needs to be optimized to build a network of management information systems and work processes that allow the government to work in an integrated manner by simplifying access between work units (Sari and Witono, 2014). The results of research by Ekayanti et al., (2018) and Juliadi (2017) prove that asset management information systems have a positive and significant effect on the effectiveness of fixed asset management.

An asset management information system is needed to support decision making on assets in a planned, integrated manner, providing the desired data and information quickly, precisely and accurately. Effective asset management is very vital and cannot be separated from the support of an asset management database that is always updated (Asman et al., 2016). The better the information system used, the faster, reliable, accurate and timely asset management will be (Arlini et al., 2014).

According to Siregar (2014) [13] there are several stages of asset management that can be done to increase the assets owned, namely asset inventory, asset management, and asset supervision and control, where if asset management is carried out properly it will provide great benefits for the government. in increasing efficiency, effectiveness and creating added value in managing assets in a more orderly, accountable and transparent manner.

Supervision and control of asset utilization is a problem that is often blasphemed against local governments today. One of the effective means to improve the performance of aspects of supervision and control of local government assets is the development of SIMA (Asset Management Information System). Through SIMA, it is hoped that work transparency in asset management is guaranteed without the need for worries about weak supervision and control. In this SIMA, the four aspects of asset management (inventory, legal audit, asset valuation and optimization) are accommodated in the system by adding aspects of supervision and control. Every handling of an asset is monitored clearly starting from the scope of handling to who is responsible for handling the asset, this is expected to minimize KKN (collusion,

Local governments are required to be independent in managing the financing of their household needs. One thing that can be done is optimizing local revenue sources to increase regional income. In receiving and disbursing money in one district, it is the main task of the Regional General Treasurer (BUD). BUD is a regional financial management work unit that has the task of carrying out the management of the APBD and all other forms of regional wealth. Regional assets can also be referred to as regional assets. In general, regional wealth or assets can be divided into two types, namely financial assets

(current assets) and non-financial assets (non-current assets). Financial assets are all forms of government assets in the form of cash and other assets that can be converted into cash and cash equivalents within a period of twelve months from the reporting date. Meanwhile, tangible non-financial assets are inventory assets and fixed assets. Fixed assets themselves are usually better known as regional or state property.

The Regional Financial and Asset Management Agency (BPKAD) of Metro City has the task of carrying out some regional authorities in the financial sector, as well as carrying out other tasks in accordance with the policies set by the Mayor based on the applicable laws and regulations. To carry out these tasks, several functions are carried out in organizing regional financial and asset management agencies including the formulation of technical policies in the field of regional financial and asset management, namely budgeting, spending, accounting and verification as well as regional assets.

In the case of regional financial management in the Metro City government, it is the responsibility of the regional revenue, financial and asset management office (BPKAD) which has the authority for government affairs in the field of revenue, regional financial and asset management based on the principle of autonomy and co-administration and is fully responsible for the management of all areas. financial assets and assets in an area that will later be used to create community welfare. BPKAD is a regional financial management official who also acts as a regional general treasurer.

As the regional general treasurer, the BPKAD is a technical service that is responsible for receiving regional revenues and disbursing money for regional needs through the regional general treasury. With the regional treasury, a region regulates the availability of sufficient funds to fund regional expenditures. In the regional general treasury it can also be known how much wealth an area has. The regional treasury itself is contained in the comparative balance which is part of the financial statements.

Over time, there are still many problems that occur in the management of assets owned by the Metro City BPKAD, starting from recording assets which is done manually, causing asset tracking to become more difficult, inventory is not clear, there is no integrated system and can lead to report generation. assets are more difficult, as well as limited human resources, especially resources in the field of accounting and financial reporting. Therefore, we need an asset management information system that can manage all existing assets to make it easier to monitor, manage and trace (BPKAD Metro City)

Research conducted by Aan Kurniyanta et al (2018) [1] "Analysis of the Influence of Asset Management, Government Internal Control Systems and Human Resource Competence on Income with Idle Asset Optimization as an Intervening Variable (Case Study in the Jember Kpknl Work Unit)" shows that the results show that management assets, the government's internal control system, and the competence of human resources have no significant effect on the optimization of idle assets. Asset management and optimization of idle assets have no significant effect on income, while the government's internal control system has a significant negative effect on income. HR competence has a significant positive effect on income.

From this explanation, the authors are interested in conducting research with the title "The Effect of Asset Management Information Systems on the Effectiveness of Metro City Government Asset Management".

2 Research Method

This type of research is quantitative research. Quantitative research is a research method based on the philosophy of positivism which is based on numbers with statistical management. Used to examine the population of a sample that will be used as research, sampling techniques are generally random or random, data collection uses research instruments, data analysis is quantitative or statistical with the aim of testing predetermined hypotheses (Sugiyono, 2016: 8). The data collected is done in a quantitative way. Collecting information or data through observation, and questionnaires while the types of data to be collected are primary data and secondary data. Primary data is data obtained from the first source (original source) either from

individuals or individuals who will be processed for certain purposes according to needs. The research process in collecting primary data is by observation and questionnaires [9]. While secondary data is data that functions as a complement or support for primary data. This secondary data is obtained from sources that have been documented from the company.

4 Result and Discussion

The results of hypothesis testing found that there was a correlation between the management information system on the effectiveness of asset management. This is proven because t_{count} ($t=2.711$) is greater than t_{table} ($t=2.0595$). The results of the data test show that the asset management information system variable has an effect on the effectiveness of regional asset management. These results indicate that the asset management information system causes an increase in the optimization of regional asset management for the Metro City government. If there is an increase in the asset management information system owned by the Metro City government, the optimization of the utilization of Metro City government assets will increase. The results of this test are consistent with the logic of the theory developed in determining the hypothesis. The sign of the regression coefficient for the identification variable is positive. These results indicate that an increase in the identification of regional assets leads to an increase in the optimization of the management of regional assets of the Metro City government. The results of this test are consistent with the logic of the theory developed in determining the hypothesis.

The Metro City Regional Financial and Asset Management Agency has the task of carrying out some regional authorities in the field of finance and Regional Assets, as well as carrying out other tasks in accordance with the policies set by the mayor based on the applicable laws and regulations.

The responsibility of BPKAD in managing regional assets is to have the task of assisting the Head of the Agency in carrying out the management of regional goods. To carry out tasks and functions in the area of Metro City assets. This function is assisted by the planning sub-sector, the administration sub-sector, and the utilization and security sub-sector.

Transparency in the management of regional assets can be seen from the openness of BPKAD in providing information to the public about regional assets, whether requested or not requested by the community. Information on regional assets provided by BPKAD is through budgeting, spending, accounting and verification as well as assets which are technical policies of the Metro City Government. Submission of information is conveyed through mass media, more specifically through internet media, namely through the Metro City Government website and also through newspapers. Transparency through the website has not been fully enjoyed by the public. This is because the website is not always easily accessible, even because the website is not taken care of so that the information is rarely updated and sometimes difficult to access. newspapers also have not been able to meet the needs of the community for information needs about current assets. Information that is only submitted once a month has not been able to accommodate the needs of the community regarding regional assets. Even the impression that is seen is that the information conveyed through websites and newspapers is only a formality and merely aborts the obligation in terms of transparency. It is better to disclose information about regional assets by sticking them on the bulletin boards at the village hall. If this is done, the community can more easily access information about regional assets. Even the impression that is seen is that the information conveyed through websites and newspapers is only a formality and merely aborts the obligation in terms of transparency. It is better to disclose information about regional assets by sticking them on the bulletin boards at the village hall. If this is done, the community can more easily access information about regional assets.

The transparency of the Metro City BPKAD to the public regarding regional assets is conveyed through the Metro City website and newspapers. Although it has been informed through websites and newspapers, it has not made it easy for the public to access information about regional assets and is only limited to aborting obligations. In addition to websites and newspapers, information about regional assets should also be done by sticking them on bulletin boards at every village hall, making it easier for the community to see and know about regional assets.

The expense burden is too high for personnel expenditures and only 25% are used for the benefit of the community. The focus of the local government so far has only been for personnel expenditure, this is because in the DAU it is allocated for personnel expenditure. So that the main priority in regional expenditure is personnel expenditure. So for the needs of the community is the second priority after personnel expenditure. Funds intended for community activities are the rest of the income. The purpose of managing current assets that are shown for the benefit of the community is still not able to meet the interests of the community. This is because

all expenditures are used up only for personnel expenses. In terms of effectiveness, it can be said that BPKAD is less effective because it is still unable to meet the needs of the community.

BPKAD as the Metro City technical service carries out government functions to fulfill the interests and welfare of the community. For effectiveness, it can be said that BPKAD has not been effective because it has not been able to fulfill public aspirations. Regional treasury as part of regional assets which is tasked with receiving and disbursing funds for local government activities is in fact more expenditure and prioritized for personnel expenditure. With minimal income and increasing expenses, automatically the funds used for the community are only small so they have not been able to meet the interests of the community.

5 Conclusion

The results of data analysis in hypothesis testing underlie the conclusion in this study. In testing the hypothesis, this research indicates that the effectiveness of regional asset management is influenced by the asset management information system owned by the Metro City Government. So it can be concluded that the asset management information system has a significant effect on the effectiveness of Metro City asset management. Metro City BPKAD needs to further improve coordination with SKPD-SKPD in terms of collecting financial reports every year. Coordination is carried out by setting a time limit for the collection of financial reports that is mutually agreed upon by the BPKAD and each SKPD. BPKAD needs to supervise SKPD-SKPD. This method is done to overcome delays in depositing owned by SKPD.

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