ABSTRACT

CONFIGURATION OF COST ALLOCATION FUNCTIONS FOR PROFITABILITY ANALYSIS MANAGERIAL REPORT USING SAP S/4HANA CONTROLLING MODULE IN THE MINING INDUSTRY (CASE STUDY OF PT XYZ)

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PT XYZ is a large-scale mining contractor company engaged in the mining industry that provides comprehensive mining services and support to mining owners. This company has an in-house development system, but it lacks a reliable Cost Allocation system and it is not integrated with other departments. Subsequently, data inconsistencies arise during the report creation process which remains conventional and does not occur in real-time. The existing process makes the Cost Allocation process less optimal and difficult to analyze. In this research, the solution that will be carried out is to implement the concept of Enterprise Resource Planning (ERP) which functions to integrate all processes related to the Profitability Analysis (COPA) report in the company's managerial Accounting. The SAP S/4HANA is an ERP software with one of its modules, namely Controlling (CO), which can improve the Cost Allocation process at the PT XYZ. Implementing SAP S/4HANA Controlling module will use the Accelerated SAP (ASAP) methodology until the Realization stage by testing the System Integration Test (SIT) and User Acceptance Test (UAT). The final result of this research is the managerial income statement report using SAP S/4HANA that has been successfully tested, adjusted, and validated with the Month-End Closing step in the company.

Keywords—ERP, SAP S/4HANA, Management Accounting, Controlling (CO), Cost Allocation, Accelerated SAP (ASAP)