ANALYSIS OF PRIORITY DETERMINATION STATE ELEMENTARY SCHOOL BUILDING REHABILITATION IN REGIONAL DEVELOPMENT PLANNING IN TULUNGAGUNG REGENCY

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ABSTRACT

Elementary School building is one of the primary education infrastructure, that’s very important. According to their characteristics, the building is always a tendency to decrease the condition indicated by the physical damage of buildings. To maintain the condition of the building in accordance with the planned design life, the building services such as maintenance needs for rehabilitation will be maintenance and development based on the level of building damage. But in relation to budget constraints, it needs to create priorities based on various criteria in the handling of the building through the mechanism of the regional development planning.

This research used Analytic Hierarchy Process method (AHP), that’s developed by Saaty. The Object of research carried out on all the proposed State Elementary School buildings in district development planning meeting, there are 176 school buildings damaged condition with mild, moderate and severe damage. This research used secondary data that was collected through literature study and collecting documents by district criteria and school criteria. The primary data obtained from the spread of the questionnaire to 10 respondents, consisting of seven people of Tulungagung district budgets team and three people educational institutions.

The results showed that the criteria and weighting of criteria determining the priority of state elementary school building rehabilitation were district criteria including population density (0.557), population growth (0.320), total area (0.123) and school criteria including the level of building damage (0.403), total students (0.265), age of the building (0.178), location of building (0.091) and APM (0.063). So the first priority State Elementary School building rehabilitation each district are SDN Kepatihan 4 district Tulungagung, SDN Sanggrahan 1 district Boyolangu, SDN Ringinipitu 2 district Kedungwara, SDN Ngantru 1 district Ngantru, SDN Nguntung 2 district Nguntung, SDN Sambijajar 2 district Sumbergempol, SDN Blimbing 1 district Rejotangan, SDN Betak 2 district Kalidawir, SDN Demuk 4 district Pucanglaban, SDN Tanggung 4 district Campurdarat, SDN Kresikan 1 district Tanggunggunung, SDN Sukoharjo 1 district Pakel, SDN Gandong 2 district Bandung, SDN Besole 1 district Besuki, SDN Kauman 1 district Kauman, SDN Gondang 1 district Gondang, SDN Nguntung 2 district Sendang, SDN Gedangan 2 district Karangrejo, and SDN Gambiran 1 district Pagerwojo.

Key words: rehabilitation of buildings, criteria, priorities, AHP, Tulungagung
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