Exploring Factors for Ex-Post Evaluation Framework of Public-Private Partnership Infrastructure Projects in Indonesia

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ABSTRACT

Public-Private Partnerships (PPPs) are widely used in many countries and are considered a useful strategy for developing public infrastructure. However, ex-post evaluation of PPP projects in Indonesia is not well developed. The poor implementation results from insufficient information about ex-post evaluation process and the critical factors to be evaluated. Therefore, the purpose of this study was to identify the important aspects of the evaluation process and factors that should be considered in the ex-post evaluation of PPP projects in Indonesia infrastructure. The important aspects of the evaluation process were analyzed using descriptive statistics while the evaluation factors were analyzed using exploratory factor analysis and two-dimension quadrant analysis. The analysis results showed that the three most important aspects of the evaluation process were “review and acceptance of evaluation by appropriate parties”, “documentation of information used in preparing the evaluation”, and “purpose and intended use of the evaluation”.

Moreover, 24 factors to be evaluated were extracted into seven factor groups and for further explanation in three categories: “institutional framework”, “sustainable development: economy, society and environment” and “management of project resources, cost and time”. The contribution of this study is the identification of the sustainable framework of the evaluation process and factors to be evaluated. This knowledge can be used to improve post project management quality. Therefore, ex-post evaluation of PPP project can be performed efficiently by focusing on key points, which eventually reduces the time, cost, and resources required for the evaluation.

Keywords: ex-post evaluation; public-private partnership; framework; project management; sustainability; Indonesia.