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Minimum feasible tariff model for BOT water supply projects in Malaysia

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Abstract

A key issue in implementing water supply projects based on the build, operate and transfer approach is risk allocation. Project risks should be allocated to the best

competent party. This paper presents a risk allocation model for BOT water supply projects in Malaysia. The model is based on the key factors of project risk, including inflation risk, exchange rate risk, and tariff. For the purpose of the model, the key factors are classified into three categories: essential only, show purpose, and show purpose only. The model is used to estimate the minimum feasible tariff for BOT water supply projects in Malaysia. The results show that the minimum feasible tariff is significantly lower than the current tariff. This finding is important for the government and the private sector in Malaysia. It provides a clear indication of the key factors that affect the minimum feasible tariff and the impact of these factors on the tariff. The model can be used to estimate the minimum feasible tariff for BOT water supply projects in Malaysia. The results show that the minimum feasible tariff is significantly lower than the current tariff. This finding is important for the government and the private sector in Malaysia. It provides a clear indication of the key factors that affect the minimum feasible tariff and the impact of these factors on the tariff. The model can be used to estimate the minimum feasible tariff for BOT water supply projects in Malaysia.

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