

Appendix 4: Validation Survey

7/12/13

[SURVEY PREVIEW MODE] Integrated Project Evaluation Tool Survey

Integrated Project Evaluation Tool

Introduction

The aim of developing this model is to have a computer (MS excel program) based tool that is able to evaluate the project financial viability and negotiate the risk sharing mechanism of PPP Seaport Project at five different project stages (1.Pre-proposal stage; 2.Contract negotiation stage; 3.Finance-raising stage; 4.Construction stage; and 5.Operation stage). The structure of this model is shown below. It is to assist government agencies in evaluating bids and making decision efficiently, an integrated project evaluation Tool (PET) has been developed for PPP seaport projects by considering the stakeholders' expectations, financial risk variables, financial risks, and mitigation measures with the following modules:

(1) Financial viability module:

The 1st module is developed in the form of a financial model to evaluate project financial viability and compare input bidding data associated with financial risk sharing scenario from the bidders

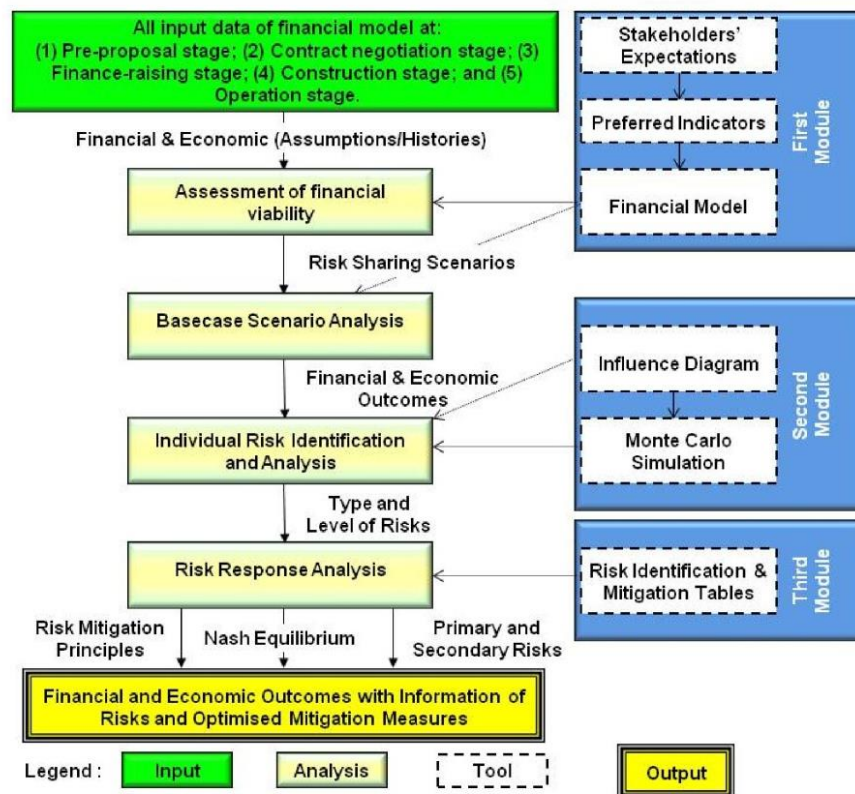
(2) Financial risk analysis module:

The 2nd module utilizes Influence Diagram method to identify risk from the results of base case scenario analysis and Monte Carlo Simulation to analyse the risk level.

(3) Financial risk mitigation module:

The 3rd module provides the information of identified risks along with risk response. This module also analyses the possibility of secondary risks with further risk mitigation exercises.

Integrated Project Evaluation Tool



1. Please rate the model concept according to the following (1 is Low and 5 is High):

| | 1 | 2 | 3 | 4 | 5 |
|---------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Applicability to PPP seaport projects | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Comprehensiveness | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Practical relevance | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Intelligibility | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

2. Model's point of strength

3. Model's point of weakness

4. Please give your general comments

5. Your experience in PPP projects

- I have some knowledge
 My field of study/research
 I have worked on PPP projects

Other (please specify)

6. Designation/Position

7. Nature of your organisation

8. Your country

Done