

LIST OF TABLES

Table No.	Caption	Page No.
Table 2.1	Implications of the rapidity change in IT	33
Table 2.2	Different approaches undertaken by construction organization in coping with technological change	35
Table 2.3	Proposed models found in literature that cater the issue of coping with technological change	42
Table 3.1	ITIF components from research literature	52 – 54
Table 3.2	Prominent IT infrastructure-related maturity models	64 – 66
Table 4.1	Respondent’s organization overview	75
Table 4.2	Pilot study results	76 – 78
Table 4.3	Descriptive statistic of questionnaire pre-test	83
Table 4.4	Sampling distribution	85
Table 4.5	Basic features of preliminary ITIF Maturity Model	90
Table 4.6	Case studies informants	94
Table 5.1	Cronbach Alpha test for reliability	104
Table 5.2	Descriptive statistics	105
Table 5.3	Ranking of success factors of flexible IT infrastructure for technical dimension	107
Table 5.4	Ranking of success factors of flexible IT infrastructure for people dimension	107
Table 5.5	Ranking of success factors of flexible IT infrastructure for management dimension	107
Table 5.6	Highest ranked ITIF factors	109
Table 5.7	Spearman Rho correlation matrix	111
Table 5.8	Critical success factors of ITIF	112
Table 6.1	The resources used for factors and concept adoption	120

Table 6.2	Characteristic of levels	121
Table 6.3	The elements' characteristics	122
Table 6.4	Some examples of standardized file format templates	124
Table 6.5	System design requirements	126
Table 6.6	Teamwork's guides	129
Table 6.7	Examples of network connection types	136
Table 6.8	Some activities of data management	137
Table 7.1 – 7.14	Organization Bina's maturity (for fourteen factors)	151 – 167
Table 7.15 – 7.28	Organization Eko's maturity (for fourteen factors)	178 – 195
Table 7.29 – 7.42	Organization Taraz's maturity (for fourteen factors)	204 – 221
Table 7.43	Summary for factors validation completion	230
Table 7.44	Summary of systems understudy	231
Table 8.1	Summary of model's adjustment and modifications	234
Table 9.1	Highest ranked ITIF factors	244