



جامعة الجميع الذكية
EVERYONE'S SMART UNIVERSITY

Everyone's Smart University

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Section

Master

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(PMG510)

Project Risk Management

Risk communication of construction project agenda

Introduction:

Risk communication is intuitive trade of data and suppositions all through the danger examination measure concerning perils and dangers, hazard related factors, and hazard discernments, among hazard assessors, hazard supervisors, customers, industry, the scholarly local area, and other invested individuals, including the clarification of hazard appraisal discoveries and the premise of hazard the executives' choices. Hazard infers future vulnerability about deviation from anticipated profit or anticipated result. Hazard estimates the vulnerability that a financial backer will take to understand an increase from a speculation. It is a necessary and continuous piece of the danger investigation work out, and preferably all partner gatherings ought to be included from the star. Hazard correspondence makes partners mindful of the interaction at each stage. risk communication proof specifically compelling gatherings and their delegates ought to contain a piece of a general risk communication methodology. This risk communication methodology ought to be examined and settled upon between hazard assessors and supervisors right off the bat in the process to guarantee two-way correspondence. The danger communicators should distinguish the risk communication needs and explicit technique for every extraordinary crowd. This task will introduce the central matters of risk communication upon construction project agenda.

Methodology:

the strategy of this proceeding must list the most possible based on best previous practice and undertaking projects. sterilizing most effective risk/jeopardizing of observing method for facing the outcome. several risks listed as below:

Table1

No.	List of Risks
1	project site has no network communication

2	the cost of network over budget
3	Desaturation of connation
4	meeting under hold by stakeholder
5	Different language of team woke
6	miss understanding of the massage
7	different way of team concoction (email & WhatsApp Microsoft team)
8	loss communication
9	Information collision

According into table1 of probably of show up therefore processing within applying risks matrix to realize the possible for each one as rated (Low = 0 to 0.29, medium = 0.3 to 0.69, high = 0.7 to 1) corresponding the impact and probability as table 2 below:

Table2

No.	List of Risks	Probability	impact
1	project site has no network communication	0.4	0.2
2	the cost of network over budget	0.3	0.3
3	Desaturation of connation	0.4	0.8
4	meeting under hold by stakeholder	0.8	0.8
5	Different language of team woke	0.8	0.4
6	miss understanding of the massage	0.1	0.9
7	different way of team concoction (email & WhatsApp Microsoft team)	0.4	0.5
8	loss communication	0.1	0.8
9	Information collision	0.2	0.8

Referring to the rating of the risk listed upon table 2, the evaluation are selected as per knowledge and experiences of the data entry of the companies at KSA the result shall be consider as figure1 below:

figure1

Probability	<u>0.7-1</u>	high	high	medium
	<u>0.3-0.69</u>	high	medium	low
	<u>0-0.29</u>	medium	low	low
		<u>0.7-1</u>	<u>0.3-0.69</u>	<u>0-0.29</u>
Impact				

The feedback of responded plan & mitigate Action corresponding figure1 rate shall applied and consider as table 3 below:

table 3

No.	List of Risks	Probability	impact	Severity	Response plan	Mitigate Action
1	project site has no network communication	0.4	0.2	Low	Request the client to provide goods	purchase Canadian wireless device
2	the cost of network over budget	0.3	0.3	Medium	noted	noted
3	Desaturation of connection	0.4	0.8	High	improve it for the main worked needed	find out best mobilization base
4	meeting under hold by stakeholder	0.8	0.8	High	online meeting schedule	announcement

5	Different language of team woke	0.8	0.4	High	Standardize the language	MOM provided for reference
6	miss understanding of the message	0.1	0.9	Medium	double check for each step	checklist to be sign by responsible
7	different way of team concoction (email & WhatsApp Microsoft team)	0.4	0.2	Low	Inform the official via messages	request to use all the time
8	loss communication	0.1	0.8	Medium	select any temporary useful	pack up emergency communication
9	Information collision	0.4	0.8	High	stop and consider the current stage	restate form and confirm the needed

Last but not least, all the providing Risk communication of construction project agenda have limited property happened therefore for each one height case influence of the project cost benefit and budget. Table 4 as below consider the fact of cost impact. The total potential impact on the plan is 16500 SR, while the contingency cost is 5700 SR

Table 4

No.	List of Risks	Probability	Impact cost	Risk contingency
1	project site has no network communication	0.4	1000	1000
2	the cost of network over budget	0.3	3000	900
3	Desaturation of connation	0.4	1500	400
4	meeting under hold by stakeholder	0.8	2500	600

5	Different language of team woke	0.8	2000	800
6	miss understanding of the massage	0.1	3000	1200
7	different way of team concoction (email & WhatsApp Microsoft team)	0.4	1000	300
8	loss communication	0.1	1000	400
9	Information collision	0.4	1500	100
10	total		16500	5700

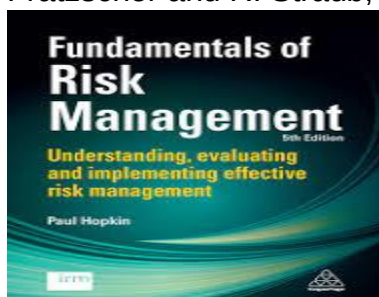
Discussion:

For overall of the project Risk communication of construction project agenda showing the most comments risk might be present Table 2. After that Table 3 presenting the action have done within tools used.

In conclusion the cost could be impacted according to site location and low quality and power stockholder of the project.

References:

- (1) Kellens, W., Terpstra, T. and De Maeyer, P. (2013). Perception and communication of flood risks: A systematic review of empirical research. Risk Anal
- (2) U. S. Nuclear Regulatory Commission, Reactor Safety Study: An Assessment of Accident Risks in US. Commercial Nuclear Power Plants, WASH-1400 (NUREG-75/014) (October 1975)
- (3) "Asset prices and current account fluctuations in G7 economies" by M. Fratzscher and R. Straub, February 2009.



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