



بسم الله الرحمن الرحيم

جامعة السودان للعلوم والتكنولوجيا

استبيان ادارة مخاطر مشاريع التشييد

Company name :

Job titel

put title (v) in front of the right answer

	1-5 year	6-10year	11-15year	Greater than 15 year
your experience				

- How good your know lage about risk management principle

Excellent () good () moderate () weak ()

- Is There is a risk management division in your company Yes () No ()
- Your Company reject a large contract due to high risk serround this contract according to decision maker opinion Yes () No ()

Is the rejection above was a result of systematic risk management study.

- Yes () No ()

Aggressive competitive nature of construction industry

ID	item	always			
1-	There is risk identification and analysis for risk factors which face your company's project				
2-	Aggressive competition in contracting sector is one of the big factors which forced the contractor to accept the risky contract				
3-	Formal competitive bidding contract always did not protect the contractor from the risk factors like it did for the client				
4-	In the formal competitive biding the contractors selection is depend on the financial offer only and they may not be the best				
5-	When there is no contractor clacification according to their capability that lead to un fair competition which increase the project risks				
6-	Your company prepare the time schedule for its project using a probability distribution program like BERT				
7-	The aggressive competition forced the contractor to ignore the infilation when they pricing.				
8-	The aggressive competition forced the contractor to ignore the fluctuation of currency rate which affect the tender price and contract value.				

If a risk factor is defined as a probable event which if it occurs it will affect one or more of the project objectives.

The probability of occurrence	
Very low	1
low	2
moderate	3
high	4
Very high	5

The probability	
rare	
weak	
moderate	
high	
Very high	

Put the risk probability and impact on the project objective

type	ID	The risk factor	The probability(1-5)	Impact(1-5)
pre tendering stage	1	The error in design		
	2	The difference between the architectural drawing and the special drawings like (structure, services..ect)		
	3	In accurate B.O.Q quantity according to the drawing quantity.		
	4	Bad bidding practice.		
	5	Condition and specification are not complete		
	6	The contract assignment to unsuitable contractor by suitable contract type.		
	7	Not complete design and drawing.		
	1	The contradiction between the contract document		
	2	Inaccurate contract document		

	3	Aggressive competition nature		
		Poor pricing		
	1	Claim and disputes		
	2	Loose obligation to the contract condition		
	3	Missrepresentation of a technical specification		
	4	New governmental legislation		
	5	Risks which is not allocate to any party		
	1	The defected material		
	2	Unrealistic tight schedule		
	3	There is no Saul of team		
	4	The lack of experience in the consultant team in the site		
	5	The micro super vision from contract requirement		
	6	The contraction between the contract document		
	7	The contract condition is not cover all contract areas		
	8	The in crease of the waste in the project material due to bad storing and usage		
	1	Infilation		
	2	Payment delay		
	3	Contractor banckruptcy		
	4	The contrctor use the project fainace in other projects		
	5	The fluctuation of currency rate		
	6	Governmental burearacy which lead to payment delay		

	1	Labor diss istability		
	2	Lack of comunication between the project parteis		
	3	The contractors team in the site is not competent		
	4	Bad coordination between the technical subcontractors in the project		
	5	The excessive changing in the project staff		
	1	The accident which cause dammage		
	2	Force major		
	3	Bad climatic condition		

The table below shows a method of the risk prevention please determine the rate in which your company use it

1	Use the quanlitative method of risk analysis		
2	Depend of past experience to determine the project time		
3	Prepare apdateable schedule		
4	Put alternative method of construction		
5	Put a buffer time in the schedule		
6	Risks reallocation		

The table below shows a method of mitigate a risk consequences please determine the rate in which your company use it

1	Increase labor and machines	
2	Work over time	
3	Alternate the method of construction	
4	Use the fast track method	
5	The close coordination with the subcontractors	
6	Improve the work efficiency	
7	Go back to similar project and use its lesson learned	