

Risk Analysis on Delhi Metro Rail Project

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★ Risks That could be occur are as follows.

1. Rain Could affect the ongoing process. : -

Due to the rain, whole work progress would stop. Second thing is that our machinery and raw material like steel roads and cements etc. will be get affected due to the rain.

Delhi metro rail project is like a giant project and very complex project. So it will take at least around five years to implement it. So i every year rain will be there, So we have to make the mitigation plan for this risk.

What we can do is that try to do the most of works during the summers and winters. Then have to bring the raw material to the working sites as it needed. And still if rain rains then try to covers the raw materials by the plastic.

2. Any type of riots could affect the infrastructure. :

It will occur in rare case. But it will harm the infrastructure very badly.

About the mitigation plan we can not do any thing else just taking the help of police.

3. Environmental Impact : -

Throughout the project there is possibility of cutting the tree and there could be the noise pollution also. So eventually it will affect the environment .

So as the mitigation plan one should ensure that that much of trees we will be grown after the finishing the project.

4 Breaking of infrastructure :-

if there is an event happen then we will have to built it again and there could be possible that some people may be die due to this.

So one should take the responsibility and help the economical help to the families of that dead person. Next time ensure that quality must be maintained.

5 Increases of prices of raw materials :-

If prices of the raw materials like sand, cement , steel or you can say petrol or diesel will increase then it will affect my whole budget. I have to find the ways to minimise the cost by doing proper resource management. Which includes human and nonhuman resources.

6 Traffic Management :-

During the balloting process we have to block the road sometime. So we have to find another way such that traffic should be diverted to next road. Such that it will not affect the transportation.

7 All Type of technical risks. :-

Sometimes electricity is not there. Machinery will not work.

As a mitigation plan we can get the facility of generators and maintain the good quality of Machinery and also get connected with maintains guy.