**Following could be the risks:**

Risk # 1: Business Changes are not communicated to us on time

Risk # 2: Test Requirements are not clear or not available before starting testing or writing test cases.

Risk 3: Project data & Knowledge base is prone to losses as there is no centralized source control available locally.

Risk # 4: Slow speed/non availability of connectivity over VPN affects the productivity

Risk # 5: Sufficient Work not available for the Team

Risk # 6: Failure to correct estimation for complex functionalities and time required to develop and test those functionalities.

Risk # 7: No proper subject training when the important release comes up for testing.

Risk # 8: Continuous changing requirements in PMT project.

Risk # 9: Failure in prioritizing the testing effort.

Risk #10: PMT Delivery schedule slippage.

Risk # 11: Resource Under Utilization: Resources might be underutilized during the lean period of project especially for Key project where now the team start getting on and off project tasks.

Risk # 12: No proper documents in terms of design documents, requirement document, and use cases are provided by client for PMR project hence constraining QA team to fully understand the what exactly need to be tested,

Risk # 13: There could be slight delay in release delivery due to performance issues of PMR cube.

Risk # 14: Delay of My performance iteration 5 release due to analysis of large volume of reports data with current resources.

**Criteria for probability of occurrence:**

0.9 -> Occurred 5-6 times in last 8 months.

0.6 -> Occurred 3-4 times in last 6 months.

0.3 -> Occurred 1-2 times in last 6 months.

[Low=0.3 when probability is 'Remote' or 'Unlikely']

[Medium=0.6 when probability is 'Likely']

[High=0.9 when probability is 'Highly Likely' or a 'Near Certainty']

**Criteria for impact:**

3 -> When Schedule & Quality is highly impacted.

2 -> when only Schedule get impacted.

1 -> when there is very less impact on Schedule & Quality.

**Effect or consequence and severity if the risk occurs in quantitative terms**

**[Low=1 when impact in terms of cost, schedule and quality is 'Negligible', or 'Marginal']**

**[Medium=2 when when impact in terms of cost, schedule and quality is 'Significant']**

**[High=3 when impact in terms of cost, schedule and quality is 'Critical', or 'Catastrophic']**

**What is mitigation plan?**

Action Plan or counter measures to reduce the impact of the risk to an acceptable level.

**Contingency Plan**

Also called Backup Plans. They are specific strategies and actions to deal with a particular problem if it occurs

OR RISK MANGEMENT ACTIVITIES:

1. IDENTIFY THE RISK
   1. Type of risks
      1. Organizational risks : e.g human resource risk
      2. Technical risks
      3. Business risks
2. ANALYSIS THE IMPACT OF RISK OCCURANCE

2.1 The probability of risk occurrence

2.1.1 High -3

2.1.2 Medium -2

2.1.3 Low-1

2.2 The impact on the project

2.1.1 High -3

2.1.2 Medium -2

2.1.3 Low-1

|  |  |  |  |
| --- | --- | --- | --- |
| **Risk** | **Probability** | **Impact** | Priority = **Probability\* Impact** |
| Project deadline not met | 3 | 3 | 9 |

After the above steps, the priority will be decided as follow:

|  |  |  |
| --- | --- | --- |
| **Priority** | | **Risk Management Method** |
| High | 6 -9 | *Take mitigation action immediately and monitor the risk every day until its status is closed.* |
| Middle | 3-5 | *Monitor the risk every week at internal progress meeting* |
| Low | 1-2 | *Accept the risk and monitor the risk at milestone basis.* |