**Minor Resilience Application Form** 

|  |  |  |
| --- | --- | --- |
| **RTC Region:** | **Submitted by (Network Manager):** **Phone:**  | **Date:** |
| **NOC Region:**  |
| Is total project amount below $1M and inclusive of all design, investigation and construction costs? Yes [ ]  No [ ] **Note: Projects over $1M will need to be applied for as Resilience Improvements (WC357). Applications for investigation/design work only may be approved, but details of expected physical works and costs will still need to be included.**  |

1. Project Outline:

|  |  |
| --- | --- |
| **Resilience Improvement project name** |  |
| **Problem definition (include details of cause)** |  |
| **Describe the background to the project** |  |
| **Project description of proposed treatment** |  |
| **What is the objective or objectives to be achieved by the project** |  |
| **PV calculations including options analysis are required.**  | Calculations attached Yes [ ]  No [ ]  |

The work must either be the least NPV maintenance cost solution, or the consequence of failure must pose such a high safety or route security risk that the work cannot be programmed as normal construction.

**Do not proceed if your proposal does not fit the above criteria.**

**Note:** In the case of work that has a high cost of stabilisation but low risk of catastrophic occurrence, the Investigation and Research phase should be undertaken in the construction output.

1. Previous Application:

Has this project/work been applied for previously - under either Preventative Maintenance or Resilience Improvements?

Yes [ ]  No [ ]

**If yes, has significant change occurred since the last application (detail what has changed)?**

**Note:** If this project has had no significant change since a previous application then it is unlikely to be funded.

1. Location:

|  |  |
| --- | --- |
| **SH:** | **ONRC Classification:**  |
| **RS:** |
| **RP Start:** |
| **RP Finish:** |

**Insert location map here.**

1. Photos:

***Photos should clearly show problem, be titled and have informative notes. Include as many photos as required.***

|  |
| --- |
| *(insert photo here)* |
| *Title* |  |
| *Notes* |  |

|  |
| --- |
| *(insert photo here)* |
| *Title* |  |
| *Notes* |  |

|  |
| --- |
| *(insert photo here)* |
| *Title* |  |
| *Notes* |  |

1. Type of Resilience Improvement (tick appropriate):

Rockfall [ ]

Bridge Scour [ ]

Drainage [ ]

Dropout [ ]

Slope Stability [ ]

Other [ ]

* **If Rockfall, go to Section 6.**
* **If Bridge Scour, go to Section 7.**
* **If Drainage, Dropout, Slope Stability or Other, go to Section 8.**
1. Required rockfall information:

|  |  |
| --- | --- |
| **Length of site (m)** |  |
| **Height of site (m)** |  |
| **Rockfall History/Likelihood of rocks landing on road****(e.g. few, occasional, often or constant falls throughout year).** |  |
| **5 year History of rockfall and related crashes** |  |
| **Likely Mitigation****(e.g. scaling, fencing, bolting etc.)** |  |
| **RHRS Score** |  |
| **Cost Estimate ($k)** |  |

**Go to Section 8.**

1. Required Bridge Scour information

|  |  |
| --- | --- |
| **Structure name:** |  |
| **Risk Level (H/M/L)** |  |
| **Risk Description** |  |
| **Recommendation/ Strategy** |  |
| **Likelihood of failure in next 12 months** |  |
| **Estimated cost of I&R** |  |
| **Estimated cost for design** |  |
| **Estimated cost for works** |  |
| **16/17 Funding request** |  |

**Go to Section 8.**

1. Require information for all categories

**Please populate spreadsheet below – Double click on sheet to start editing**

1. recommendation

|  |  |
| --- | --- |
| **Option Description (briefly describe desired course of action)** | **Capital Cost** |
|  |  |

**Recommendation endorsed by: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Network Manager

**Recommendation endorsed by: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

System Manager

National office use only:

Application assessed by: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_