

Investment Evaluation Summary (IES)



Project Details:

Project Name:	AMIS Support and Licensing
Project ID:	00586
Thread:	Operational Support Systems
CAPEX/OPEX:	OPEX
Service Classification:	Standard Control
Scope Type:	C
Work Category Code:	SFTAA
Work Category Description:	Software & Hardware Service Provider Charges
Preferred Option Description:	This activity is simply to manage support and licensing fees for AMIS systems, tools and applications. Accordingly multiple options analysis is not applicable.
Preferred Option Estimate (Nominal Dollars):	\$17,315,000

	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27
Unit (\$)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Volume	1	1	1	1	1	1	1	1	1	1
Estimate (\$)										
Total (\$)	\$1,700,000	\$1,735,000	\$1,735,000	\$1,735,000	\$1,735,000	\$1,735,000	\$1,735,000	\$1,735,000	\$1,735,000	\$1,735,000

Governance:

Project Initiator:	Mark Richardson	Date:	24/03/2015
Thread Approved:	Mark Richardson	Date:	20/10/2015
Project Approver:	Mark Richardson	Date:	20/10/2015

Document Details:

Version Number:	1
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Related Documents:

Description	URL
NPV Calculation Tool	http://projectzone.tnad.tasnetworks.com.au/business-projects/nis-program/DD17SAM/Deliverables/NIS/DD17%20AMITS-SFTAA%20NPV%20Calculations.xlsx

Section 1 (Gated Investment Step 1)

1. Background

From a software perspective, the AMIS is supported by a collection of Commercial Off The Shelf (COTS) and custom built systems, tools and applications. In addition several interfaces have also been built in-house in order to integrate with other business software.

To assist with the ongoing viability, operation and maintenance of the AMIS, the key systems, tools and applications need to be kept up to date and effectively maintained to ensure that a high level of quality services and systems availability are delivered to the business.

1.1 Investment Need

The investment need is required to ensure the ongoing licensing, maintenance and support of the AMIS systems, tools and applications is such that they support the business to adhere to the approved TasNetworks Asset Management Policy and support the TasNetworks strategy on a page 2015 - 2016 strategy.

1.2 Customer Needs or Impact

Not applicable.

1.3 Regulatory Considerations

Not applicable.

2. Project Objectives

To ensure the current asset management information systems software, tools and applications are effectively managed and maintained to support the ability to provide satisfactory asset management information management capability across the business.

3. Strategic Alignment

3.1 Business Objectives

Not applicable.

3.2 Business Initiatives

Not applicable.

4. Current Risk Evaluation

Not applicable.

4.1 5x5 Risk Matrix

TasNetworks business risks are analysed utilising the 5x5 corporate risk matrix, as outlined in TasNetworks Risk Management Framework.

Relevant strategic business risk factors that apply are follows:

Risk Category	Risk	Likelihood	Consequence	Risk Rating
Customer	Unreliable asset management information, processes and systems results in an unacceptable increase in unscheduled outages and a follow-on decline in network reliability.	Likely	Moderate	High
Environment and	Unreliable asset management information,	Possible	Moderate	Medium

Community	processes and systems results in non-conformance with internal and external environmental policies and regulations.			
Financial	Unreliable asset management information, processes and systems results in reduced network performance leading to possible significant regulatory penalties.	Likely	Moderate	High
Financial	Unreliable asset management information, processes and systems results in the inability to effectively justify expenditure.	Likely	Major	High
Financial	Unreliable asset management information, processes and systems results in reduced ability to determine optimal strategy for asset maintenance, refurbishment or replacement resulting in under/over expenditure.	Likely	Moderate	High
Network Performance	Unreliable and inaccurate asset information results in suboptimal asset maintenance, refurbishment and/or replacement leading to a decline in network reliability.	Likely	Moderate	High
Regulatory Compliance	Unreliable asset management information, processes and systems results in an inability to undertake evidence-based decision making.	Almost Certain	Minor	Medium
Regulatory Compliance	Unreliable asset management information, processes and systems results in an inability to effectively support regulatory compliance.	Likely	Minor	Medium
Regulatory Compliance	Unreliable asset management information, processes and systems results in an inability to demonstrate effective long-term asset management planning due.	Likely	Minor	Medium
Reputation	Unreliable asset management information, processes and systems results in an inability to achieve compliance with statutory, legal and regulatory obligations.	Almost Certain	Moderate	High
Reputation	Unreliable asset management information, processes and systems results in an inability to comply with the Company's strategic goals.	Almost Certain	Moderate	High

Section 1 Approvals (Gated Investment Step 1)

Project Initiator:	Mark Richardson	Date:	24/03/2015
Line Manager:		Date:	
Manager (Network Projects) or Group/Business Manager (Non-network projects):		Date:	

[Send this signed and endorsed summary to the Capital Works Program Coordinator.]

Actions

CWP Project Manager commenced initiation:		Assigned CW Project Manager:	
PI notified project initiation commenced:		Actioned by:	

Section 2 (Gated Investment Step 2)

5. Preferred Option:

Ongoing AMIS Support and Licensing Opex costs.

5.1 Scope

The scope of work that makes up the key activities required is based on the following software items requiring support and maintenance expenditure:

- Cymcap (2011/12 POW Project outcome: Cymcap)
- Feature Manipulation Engine (FME Core)
- FME Oracle Edition (GeoMedia Plugin)
- GeoLabel Pro (Node Locked)
- Inservice - Support and Development
- IronSpeed Designer
- Label Web Medium (for GeoMedia WebMap)
- LVDrop
- MATLAB
- Microstation Subscriptions
- Migration Manager
- QDMS
- Trimble GPS Pathfinder Office + OmniStar Maintenance
- Ops Technology Licensing & Maintenance - G-Tech
- DBYDEX - Ongoing Expenditure for Dial Before You Dig
- G/Technology & GeoMedia Support
- DPIWEHOB - Data Delivery/Exchange
- Weather zone - Yearly Maintenance
- Sincal - Annual Maintenance
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- Intergraph - RADS Support
- PDFLib - Licence and Maintenance - WebMap
- Powernet Maintenance
- Geometry - Ongoing Ironspeed Support

5.2 Expected outcomes and benefits

Not applicable.

5.3 Regulatory Test

Not applicable.

6. Options Analysis

6.1 Option Summary

Option description	
Option 1 (preferred)	This activity is simply to manage support and licensing fees for AMIS systems, tools and applications. Accordingly multiple options analysis is not applicable.

6.2 Summary of Drivers

Option	
Option 1 (preferred)	Not applicable.

6.3 Summary of Costs

Option	Total Cost (\$)
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Option 1 (preferred)	\$17,315,000
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6.4 Summary of Risk

Not applicable.

6.5 Economic analysis

Option	Description	NPV
Option 1 (preferred)	This activity is simply to manage support and licensing fees for AMIS systems, tools and applications. Accordingly multiple options analysis is not applicable.	-\$11,694,729

6.5.1 Quantitative Risk Analysis

Not applicable.

6.5.2 Benchmarking

Not applicable.

6.5.3 Expert findings

Not applicable.

6.5.4 Assumptions

Not applicable.

Section 2 Approvals (Gated Investment Step 2)

Project Initiator:	Mark Richardson	Date:	24/03/2015
Project Manager:		Date:	

Actions

Submitted for CIRT review:		Actioned by:	
CIRT outcome:			