

Appendix 8: Digital engineering execution response

Version	Summary of changes
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Owner:	Office of Projects Victoria
Authoriser:	Victorian Chief Engineer

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Criteria

Digital engineering encompasses the ability of organisations with many stakeholders to exchange information through structured means.

Using standardised approaches to information management, including the exchange information requirements (EIR), means that information is developed to suit all parties and can be leveraged for longer-term asset management.

Purpose

The purpose of this document is to facilitate communication between the Appointing Party and the tenderer.

This document assesses whether the DEEP received by the Appointing Party from the tenderers meets the organisational criteria defined in the EIR.

Audience

The audience for this document is the DE Project Champion during stage 3 of the VDAS lifecycle.

Conditions of using the template

Each project, asset, department and organisation is different, with every project responding to a unique organisational need. There is no single template that will be equally applicable in all these circumstances.

It remains the responsibility of the document author to interpret and validate what the project, asset, department and organisation is seeking to achieve and compose a document that responds to that need accordingly. This template is a tool that can assist with that process.

The document should be read in conjunction with other VDAS documents addressing the digital engineering process.

How to use this template

This template has instructional text directed at the Appointing Party. It is the obligation of the Appointing Party to fill this out and apply it in the context of the project, the AIR and the OIR.

Project information

Project details	
Project name	
Project location <i>Latitude/longitude</i>	
Project identification code	

Key contact information

Contact details	
DE Project Lead <i>Name, phone, email</i>	
Project Director <i>Name, phone, email</i>	
Senior Responsible Owner <i>Name, phone, email</i>	

Digital engineering execution response

Selection criteria

Task	Criteria	Brief comments
Section 1: Approach vision		
Response	1 2 3 4 5 6 7	
Section 2: Governance		
Key people	1 2 3 4 5 6 7	
Key roles	1 2 3 4 5 6 7	
Key responsibilities	1 2 3 4 5 6 7	
Section 3: Management		
Communication	1 2 3 4 5 6 7	
Workshop opportunities	1 2 3 4 5 6 7	
Internal stakeholder engagement	1 2 3 4 5 6 7	
Soft landings/data drops	1 2 3 4 5 6 7	
Proposed information flow	1 2 3 4 5 6 7	

Task	Criteria	Brief comments
Section 3: Management		
Level of information response	1 2 3 4 5 6 7	
Pulling information flow	1 2 3 4 5 6 7	
Project information model	1 2 3 4 5 6 7	
Supply chain engagement	1 2 3 4 5 6 7	
Supply chain breadth	1 2 3 4 5 6 7	
Supply chain depth	1 2 3 4 5 6 7	
Organisational experience	1 2 3 4 5 6 7	
Organisational certifications	1 2 3 4 5 6 7	
Team experience	1 2 3 4 5 6 7	

Task	Criteria	Brief comments
Section 3: Management		
Continuous improvement	1 2 3 4 5 6 7	
Individual improvement	1 2 3 4 5 6 7	
Certifications	1 2 3 4 5 6 7	
Opportunity to upskill state	1 2 3 4 5 6 7	
Section 4: Technical		
Asset classification	1 2 3 4 5 6 7	
Data formats	1 2 3 4 5 6 7	
System harmonisation	1 2 3 4 5 6 7	
Intellectual property management	1 2 3 4 5 6 7	
Licencing arrangements	1 2 3 4 5 6 7	

Task	Criteria	Brief comments
Section 4: Technical		
Software utilisation	1 2 3 4 5 6 7	
System integration	1 2 3 4 5 6 7	
Proposed platforms	1 2 3 4 5 6 7	
Software architecture	1 2 3 4 5 6 7	
Certifications	1 2 3 4 5 6 7	
Storage/data management	1 2 3 4 5 6 7	
Data/IP perpetuity	1 2 3 4 5 6 7	
Data/IP condition	1 2 3 4 5 6 7	
Data/IP purpose	1 2 3 4 5 6 7	
Data/IP ownership	1 2 3 4 5 6 7	

Execution response and feedback

Average score	Feedback
Approach vision	
People	
Process	
Technology	

Authorised by the Victorian Government
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Accessibility

This document is available in PDF and Word format on the internet
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