



Australian Government

RIIBEF604D Conduct a feasibility study

Release: 2

RIIBEF604D Conduct a feasibility study

Modification History

Release	Comment
1	This unit replaces RIIBEF604A Conduct feasibility study
2	Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm.

Application

This unit describes a participant's skills and knowledge required to conduct a feasibility study in the Resources and Infrastructure Industries.

This unit is appropriate for those in management roles.

Licensing, legislative, regulatory and certification requirements that apply to this unit can vary between states, territories, and Industry sectors. Relevant information must be sourced prior to application of the unit.

Elements and Performance Criteria

1 Identify and research organisation's needs	1.1 Access, interpret and apply relevant documentation and ensure the work activity is compliant 1.2 Analyse organisation's goals, objectives and strategies to determine the type of research required 1.3 Investigate and analyse operating environments to develop options, strategies and anticipated outcomes 1.4 Prepare written research brief stating the objectives and outcomes, and the requirements for presentation of information 1.5 Develop and implement strategies that translate the objectives into the planning process
2 Carry out environmental investigation	2.1 Establish information requirements and identify and access sources 2.2 Establish strategies and systems to support analysis of the environment 2.3 Scan the environment to identify and assess the factors

	that impact on the project 2.4 Identify and explore market opportunities to assist the organisation to forecast trends and options 2.5 Determine quantity and quality of resources 2.6 Identify and analyse threats and opportunities and use them to optimise project outcomes 2.7 Undertake titles search 2.8 Document legislative and organisational requirements
3 Assess feasibility	3.1 Estimate resource requirements and utilisation to reflect customer requirements, the organisation's business plans and the cost to the organisation of providing the products and services 3.2 Review and update information to ensure appropriate data is gathered to assess project viability 3.3 Seek preliminary opinion from legislative and regulative bodies
4 Prepare report and present findings/recommendations	4.1 Prepare preliminary reports for management briefings 4.2 Document in writing recommendations for future action and agreement gained by stakeholders

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit. Further information is available in the Resources and Infrastructure Industry Training Package Companion Volume.

Unit Mapping Information

RIIBEF604A Conduct feasibility study

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>

Assessment Requirements for RIIBEF604D Conduct a feasibility study

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Performance Evidence

Evidence is required to be collected that demonstrates a candidate's competency in this unit. Evidence must be relevant to the roles within this sector's work operations and satisfy all of the requirements of the performance criteria of this unit and include evidence that the candidate:

- locates and applies relevant legislation, documentation, policies and procedures
- implements the procedures and techniques for the safe, effective and efficient conduct of a feasibility study including:
 - preparing operating budgets and forecast trends to manage and control operating costs
 - analysing and reviewing production costs versus equipment/plant operating costs
 - evaluating new and used equipment using appropriate techniques
 - monitoring and maintaining plant and equipment
 - accessing and using appropriate technologies
- works effectively with others to undertake and complete the feasibility study including:
 - negotiating with internal/external customers, community and statutory/legal authorities
 - resolving or managing conflict throughout feasibility study activity
 - managing project and task allocations and all associated outcomes
- demonstrates completion of conducting feasibility studies that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - preparing a complete feasibility proposal
 - successfully conducting a feasibility study
 - preparing and presenting feasibility proposal to management

Knowledge Evidence

The candidate must demonstrate knowledge of conducting feasibility studies:

- applying legislative, organisation and site requirements and procedures for:
 - gaining statutory/legal approvals
 - tender specifications
 - negotiating and finalising contracts
 - implementing change
 - business planning
 - worksite operations
 - quality assurance principles
 - human resource policies and practices
 - industrial awards/enterprise agreements
 - business planning
 - establishing and maintaining organisational objectives
 - risk management principles, strategies and techniques
 - site products and services
 - customer/client relations
- site plant and equipment
- team management
- resource quantification
- financial models
- fundamentals of law and contract law
- organisational change and development
- environmental management
- work health and safety
- computer applications
- negotiation techniques

Assessment Conditions

- An assessor of this unit must satisfy the requirements of the NVR/AQTF or their successors; and Industry regulations for certification and licensing; and,
- this unit must be assessed in the context of this sector's work environment; and,
- this unit must be assessed in compliance with relevant legislation/regulation and using policies, procedures, processes and operational manuals directly related to the industry sector for which it is being assessed; and,
- assessment may be conducted in conjunction with the assessment of other Units of Competency; and,
- assessment must confirm consistent performance can be applied in a range of relevant workplace circumstances; and,

- assessors must demonstrate the performance evidence, and knowledge evidence as outlined in this Unit of Competency, and through the minimum years of current* work experience specified below in an Industry sector relevant to the outcomes of the unit; or,
- where the assessor does not meet experience requirements a co-assessment or partnership arrangement must exist between the qualified assessor and an Industry subject matter expert. The Industry subject matter expert should hold the unit being assessed (or an equivalent unit) and/or demonstrate equivalence of skills and knowledge at the unit level. An Industry technical expert must also demonstrate skills and knowledge from the minimum years of current work experience specified below in the Industry sector, including time spent in roles related to the unit being assessed; and,
- assessor and Industry subject matter expert requirements differ depending on the Australian Qualifications Framework Level (AQF) of the qualification being assessed and/or Industry Sector as follows:

Industry sector	AQF** Level	Required assessor or Industry subject matter expert experience
Drilling, Metalliferous Mining, Coal Mining, Extractive (Quarrying) and Civil Construction	1	1 Year
	2	2 Years
Drilling, Coal Mining and Extractive (Quarrying)	3-6	3 Years
Metalliferous Mining and Civil Construction	3-6	5 Years
Other sectors	Where this Unit is being assessed outside of the Resources and Infrastructure Sectors assessor and/or Industry subject matter expert experience should be in-line with industry standards for the sector in which it is being assessed and where no Industry standard is specified should comply with any relevant regulation.	

*Assessors can demonstrate current work experience through employment within Industry in a role relevant to the outcomes of the Unit; or, for external assessors this can be demonstrated through exposure to Industry by conducting frequent site assessments across various locations.

**Where a unit is being delivered outside of a Qualification the first numeric character in the Unit code should be considered to indicate the AQF level

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