

1. Title	Formulate tenders for railway electrical and mechanical works
2. Code	EMRADE515A
3. Range	Draft and formulate tenders for railway electrical and mechanical works, including works contents, works standards, contract details and drawings, according to design requirements.
4. Level	5
5. Credits	9
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Specifications and requirements for tenders for railway electrical and mechanical works</p> <ul style="list-style-type: none"> ◆ Be familiar with the general specifications and requirements for tenders for railway electrical and mechanical works ◆ Translate the design requirements of railway electrical and mechanical works into clear and accurate specifications and standards <p>6.2 Methods and procedures of formulating tenders for railway electrical and mechanical works</p> <ul style="list-style-type: none"> ◆ Draft the technical details of the works tenders according to the specifications and standards of the design, including: <ul style="list-style-type: none"> • Project deliverables • Product features and standards • Inspection and testing requirements in the course of testing and production • Quality assurance and standards • Requirements for product information, drawings and documents ◆ Draft relevant contract details of works tenders, including: <ul style="list-style-type: none"> • Delivery time • Regulations and requirements for occupational safety, health and environmental protection • Requirements of relevant legislations • Warranty details • After-sale service • Training in operation and maintenance ◆ Verify the draft works tender with reference to the overall railway works design so as to ensure clarity, accuracy and adequacy of technical details and compatibility of engineering products with existing facilities ◆ Identify the clauses with implications of liability and consult legal professionals on these clauses ◆ Coordinate with the purchase department and include relevant clauses when formulating tenders for railway electrical and mechanical works

7. Assessment Criteria	The integrated outcome requirement of this unit of competency is: (i) Capable to draft a clear, accurate and compliant tender for railway electrical and mechanical works according to specified design requirements and information; and (ii) Capable to verify efficiently the draft works tender according to the overall railway works design.
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses general knowledge of tenders for railway electrical and mechanical works.