

ANNEXURE B: EVALUATION CRITERIA

Mandatory evaluation criteria

Bidders will be evaluated according to the mandatory evaluation criteria below.

1.1 Chemical/Process Engineer Professional Registration			
Chemical/Process Engineer must be professionally registered with the Engineering Council of South Africa with a PrEng			
Evaluation Criteria	Document as Evidence	Comply	Non-comply
ECSA professional registration	ECSA certificate of registration, showing ECSA registration number		

Functionality evaluation criteria

Bidders will be evaluated according to the technical evaluation criteria below. The minimum technical Threshold is **70%**. It must be noted that if the Bidder fails to meet the 70% minimum threshold, the bidder will be disqualified and not evaluated further.

1.2.1 Company Experience

Bidder submitted relevant reference letters of techno economic assessment in the energy sector work previously done. **Reference letters submitted should not be older than 10 years, and the latest letter must not be older than 5 years.**

Note: the following scoring matrix will be used to evaluate this criterion:

Evaluation Criteria	Document as Evidence	Score	Weighting %
5 or more relevant references not older than 10 years, with the latest letter not older than 5 years.	Signed and Contactable reference letters NB: Letters must be on client's letterhead, not older than 5 years	5	25%
4 relevant reference letters not older than 10 years, with the latest letter must not be older than 5 years.		4	
3 relevant reference letters not older than 10 years, with the latest letter must not be older than 5 years.		3	
2 relevant reference letters not older than 10 years, with the latest letter must not be older than 5 years.		2	
1 relevant reference letter which must not be older than 5 years.		1	
No relevant reference letter submitted		0	

1.2.2 Experience of Project lead (CV attached)

Project lead with Master's or PhD (in Engineering or STEM (Science, Technology, Engineering and Mathematics)) level of education and project management skills

Minimum of 3 years of experience in project management in the energy industry

Evaluation Criteria	Document as Evidence	Score	Weighting %
PhD level with project management experience	CV	5	15%
Master's level with project management experience		3	
Bidder does not have a PHD or masters with or without Project management experience		0	

1.2.3 Experience of process engineer (CV and ECSA certificate attached)

Chemical or Process Engineer with PrEng (ECSA)

Bidder to attach CV and ECSA certificate.

Evaluation Criteria	Document as Evidence	Score	Weighting %
11 or more years working experience with Professional registration	CV and ECSA certificate	5	15%
5-10 years working experience with Professional registration		3	
Below 5 years working experience with or without professional registration		0	

1.2.4 Experience of Project economist (CV and qualification to be attached)

Economist with a relevant BCom degree (minimum NQF Level 7)

Evaluation Criteria	Document as Evidence	Score	Weighting %
11-15 years' experience with BCom relevant qualification	CV and BCom qualification	5	15%
5-10 years' experience with BCom relevant qualification		3	
Below 5 years' experience with or without a BCom qualification		0	

1.2.5 Methodology/Approach

Bidder must provide a written methodology and approach, indicating their understanding of the scope of work and how they will execute against the requirements.

A comprehensive methodology should include all the below aspects:

- Selection of the processing technology
- Feedstock and output analysis
- Scenario modelling and economic analysis
- Sensitivity analysis
- Environmental and social impact analysis
- Regulatory & policy analysis
- Risk assessment
- Interpretation of results and recommendations

Note: the following scoring matrix will be used to evaluate this criteria:

Evaluation Criteria	Document as Evidence	Score	Weighting %
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Methodology covers all critical aspects of the scope of work, showcasing the bidder's understanding of the requirements	Methodology	5	20%
Methodology does not cover all critical aspects of the scope of work		0	

1.2.6 DETAILED PROJECT EXECUTION PLAN

The bidder must clearly demonstrate in a project plan that they can deliver the scope or requirements within the stipulated timeline of **3 months**.

Evaluation Criteria	Document as Evidence	Score	Weighting %
The timelines meet the targeted duration of 3 months	Project plan	5	10%
The timelines do not meet the targeted duration of 3 months		0	