



Engineering Tender Evaluation Returnable

Transmission

Title: **Beta - Delphi 400kV Tower 74 GUY
& Alpha - Beta 1 765kV Tower 672
Anchor Foundations**

Unique identifier: **240-141157901**

Replacement

Alternative Reference
Number: **LES1608**

Area of Applicability: **Engineering**

Documentation Type: **Report**

Revision: **1**

Total Pages: **4**

Next Review Date: **N/A**

Disclosure Classification: **CONTROLLED
DISCLOSURE**

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Date: 01 September 2022

Name of Project:		Beta - Delphi 400kV Tower 74 & Alpha Beta 1 765kV tower 672						
		Guy Anchor Foundations Replacement						
Item	Description	Select Option	Tick Applicable Box	Weight (W)	Actual (A)	Max (M)	Result(R) (A / M) X W	Details to be submitted in engineering returnable file
1.1	Specify the registration and power line experience of the proposed SOIL PROFILER to be used. (ECSA registered Civil Engineer/Technologist with Pr. Eng. or Pr. Tech. Eng. or Engineering Geologist with Pr. Nat. Sci. registered with SAIEG.)	No Registration (0)		10%	5	5		Qualifications, ECSA and CV
		Registered (2)						
		Registered with one project experience (4)						
		Registered with two or more projects (5)						
1.2	Specify the registration of the proposed FOUNDATION DESIGNER to be used. (requirement: ECSA registered Pr. Eng. or Pr. Tech. Eng. (Civil/Structural), also to be responsible for signing off safe work procedures)	No Registration (0)		10%	5	5		Qualifications, ECSA and CV
		Registered (2)						
		Registered with one project experience (4)						
		Registered with two or more projects (5)						
1.3	Specify the experience of the proposed FOUNDATION SITE SUPERVISOR to be used (requirement: <u>at least two similar projects</u> experience as a foundation supervisor)	No experience (0)		10%	5	5		Competency Certificate and CV
		Two projects (4)						
		Three or more projects (5)						
1.4	Provide safe working procedures with detailed methodology of the following. - Excavation of the foundation and the placing of rebar, -Construction of deadman anchor foundations (vertical or inclined) - Pouring of concrete, curing and backfilling, -Conducting slump tests and cube crushing tests - Proof-load tests. -Transfer of the old foundations to the new ones (Include pictures or drawings to clarify these procedures)	No Methodology (0)		40%	5	5		Safe Work Procedures
		Methodology provided but incomplete (2)						
		Complete methodology provided with pictures and drawings (5)						
1.5	Highlight all the risks and the treatments of the risks that may be encountered during foundation construction	No Risks identified (0)		10%	5	5		List of risks
		Detailed risks and treatment (5)						



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2	Specify certification and experience of proposed earthing safety supervisor . (Requirement: HV regs responsible person with power line safety earthing experience, also to be responsible for signing off safe work procedure)	No Certification (0)		10%	5	5		Competency Certificate and CV
		Certified with no experience (2)						
		Certified with one power line project experience (4)						
		Certified with two or more power line projects experience (5)						
3.1	Provide evidence that similar work has been undertaken by the tenderer during the last Five years. Reference letter must include the project name, the scope of work, value of work and the contact details of the client(s).	No evidence (0)		5%	5	5		Letter
		Evidence with Two projects (2)						
		Evidence with Three or more projects (5)						
3.2	Provide a registered project manager (SACPCMP)	No Registration (0)		5%	5	5		Qualifications, SACPCMP and CV
		Registered with no experience (2)						
		Registered with one overhead lines project (4)						
		Registered with two or more power line projects experience (5)						

A total of 70% or higher is required to pass this engineering tender evaluation

I HAVE READ AND UNDERSTOOD ALL REQUIREMENTS OF THE TRANSMISSION LINE SPECIFICATION, TRMSCAAC AND OTHER REFERENCED SPECIFICATIONS AND AGREE TO ADHERE TO THESE.

Technical Tender Returnable Form Populated by:	
Signature:	
Date:	

Overall Comments by Evaluator:			
Evaluated by		Reviewed by	
Name of Evaluator:		Name of Reviewer:	
Signature of Evaluator:		Signature of Reviewer:	
Date:		Date:	

Score	(%)	Definition
5	100	COMPLIANT <ul style="list-style-type: none"> • Meet technical requirement(s) AND; • No foreseen technical risk(s) in meeting technical requirements.
4	80	COMPLIANT WITH ASSOCIATED QUALIFICATIONS Meet technical requirement(s) with; <ul style="list-style-type: none"> • Acceptable technical risk(s) AND/OR; • Acceptable exceptions AND/OR; • Acceptable conditions.
2	40	NON-COMPLIANT <ul style="list-style-type: none"> • Does not meet technical requirement(s) AND/OR; • Unacceptable technical risk(s) AND/OR; • Unacceptable exceptions AND/OR; • Unacceptable conditions.
0	0	TOTALLY DEFICIENT OR NON-RESPONSIVE
<p>Note 1: The scoring table does not allow for scoring of 1 and 3.</p> <p>Note 2: Foreseen acceptable and unacceptable risk(s), exceptions and conditions shall be unambiguously defined in the relevant Tender Technical Evaluation Strategy.</p>		

Clarification Notes:

1. It is important to file all documents properly, in separate sections of the file. Clearly mark the sections. (Section 1 -3)
2. Not providing the supporting documentation will result in a ZERO score for that particular question.
3. ECSA is preferred but other equivalent (ECSA acceptable) registrations will be considered.
4. SWP - Safe Works Procedure
5. Please note that if the relevant registered professional mentioned above, changes, the profile of the person taking up this post as a replacement must have an equivalent profile as outlined above.