



TRANSMISSION SUBSTATION

Civil Qualitative Technical Evaluation Criteria

Template Identifier	240-43921898	Rev	7
Document Identifier	240-170000109	Rev	2
Effective Date	December 2017		
Review Date	December 2021		

TECHNICAL EVALUATION THRESHOLD

The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 70%.

The tenderers will be evaluated using the criteria listed in Table 1 below. Each criterion is allocated a weight. An overall scoring will be given for each tenderer. The overall score is a sum total of the individual scores allocated for each criterion.

Table 1: Evaluation Criteria

	Qualitative Technical Criteria Description	Reference to Technical Specification / Tender Returnable <i>(Shall be used in conjunction with strategy)</i>	Criteria Weighting (%)	Criteria Sub Weighting (%)										
1.	Construction Program/technical Schedule: Applicable scope ticked <table border="1" style="margin-left: 40px;"> <tr> <td>a) Foundations and/or Plinths</td> <td></td> </tr> <tr> <td>b) Trenches</td> <td></td> </tr> <tr> <td>c) Earthworks</td> <td></td> </tr> <tr> <td>d) Roads</td> <td>X</td> </tr> <tr> <td>e) Drainage</td> <td>X</td> </tr> </table>	a) Foundations and/or Plinths		b) Trenches		c) Earthworks		d) Roads	X	e) Drainage	X		20	
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b) Trenches														
c) Earthworks														
d) Roads	X													
e) Drainage	X													

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		f) Yardstone				
		g) Buildings				
		h) Fencing				
		i) Steelwork i.1. Columns & Beams i.2. Equipment support structure i.3. Floodlight mast				
		j) Security lighting				
		k) Earthmat & earthtails				
		l) Substation electrical in buildings l.1. Lighting installation l.2. Ventilation installation l.3. Electrical installation (DB)				
	1.1	A program with the order in which main activities will be done				60
	1.2	Time durations of main activities from start to end				40

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2.	<p>Construction Method Statements</p> <p>Tick Applicable</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">a) Foundations and/or Plinths</td> <td style="width: 20%;"></td> </tr> <tr> <td>b) Trenches</td> <td></td> </tr> <tr> <td>c) Earthworks</td> <td></td> </tr> <tr> <td>d) Roads</td> <td style="text-align: center;">X</td> </tr> <tr> <td>e) Drainage</td> <td style="text-align: center;">X</td> </tr> <tr> <td>f) Yardstone</td> <td></td> </tr> <tr> <td>g) Buildings</td> <td></td> </tr> <tr> <td>h) Fencing</td> <td></td> </tr> <tr> <td>i) Steelwork l.4. Columns & Beams l.5. Equipment support structure l.6. Floodlight mast</td> <td></td> </tr> <tr> <td>j) Security lighting</td> <td></td> </tr> <tr> <td>k) Earthmat & earthtails</td> <td></td> </tr> <tr> <td>l) Substation electrical in buildings l.7. Lighting installation l.8. Ventilation installation l.9. Electrical installation (DB)</td> <td></td> </tr> </table>	a) Foundations and/or Plinths		b) Trenches		c) Earthworks		d) Roads	X	e) Drainage	X	f) Yardstone		g) Buildings		h) Fencing		i) Steelwork l.4. Columns & Beams l.5. Equipment support structure l.6. Floodlight mast		j) Security lighting		k) Earthmat & earthtails		l) Substation electrical in buildings l.7. Lighting installation l.8. Ventilation installation l.9. Electrical installation (DB)			30	
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	<p>Addition:</p> <ul style="list-style-type: none"> • <u>Method of concrete mix</u> The contractor to specify the method of concrete placement, batching on site or supply of ready mix. <ul style="list-style-type: none"> ○ If Batching – the contractor to provide the following: <ul style="list-style-type: none"> - Concrete Mix design; - Aggregate to be used; - Location/supplier of aggregate; and - Mixing and testing to be included in the method statement. ○ If ready mix - If Ready mix – the contractor to provide the following: <ul style="list-style-type: none"> - The supplier of Ready mix and the distance from site; - How results (and what results)will be obtained from the supplier; and - How concrete will be tested on site . • <u>Method of steel erection: (where the crane is required)</u> If the contractor specified that he/she will not subcontract the steel erection, he/she should specify there is a qualified rigger and crane operator to perform the work. If the contractor does not have a qualified rigger, he/she must specify that there will be a subcontractor company 			
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		responsible for steelwork in this section or under list of subcontractor section.			
	2.1	Relevant method statement with a description of how the main activities will be constructed			100
3.	List of Subcontractors			10	
	3.1	Any company supplying material, plant and equipment that the contractor may hire. List company with the material, plant and equipment which they are supplying			40
	3.2	Specify if there will be any company/contractor performing any construction work not done by the main contractor			60

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4.		List of Tools, Plant and Machinery		10	
	4.1	All relevant earthing tools, plant and machinery to be used during construction owned by the contractor. (All hired to be included in the list of subcontractor)			100
5.		Relevant Previous Projects Completed		20	
	5.1	List of relevant and comparable previous projects executed successfully			60
	5.2	Including project scope, completion date and client contact person and details			40
6.		CV's and Qualifications of Key Personnel		10	
	6.1	CV's of Construction Manager/Project Manager, Site Manager/Site Agent and Site Supervisor			40
	6.2	CV's to include academic qualifications and experience of key personnel detailing relevant project specific work experience			30
	6.3	Proof/copies of certified academic qualifications			30
				TOTAL: 100	

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The scoring for each tender will be done as per the scoring table shown below. This table is as per the requirements of Tender Engineering Evaluation Procedure.

Table 2: Evaluation Scoring Table

Score	Percentage	Definition
5	100	COMPLIANT 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; Acceptable technical risk(s) AND/OR; Acceptable exceptions AND/OR; Acceptable conditions.
2	40	NON-COMPLIANT 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

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Note 1: The scoring table does not allow for scoring of 1 and 3.

Note 2: Foreseen acceptable and unacceptable risk(s), exceptions and conditions shall be unambiguously defined in the relevant Tender Technical Evaluation Strategy.

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