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ENQUIRY NO	KZN072
NAME OF BUYER	
NAME OF PM	
PROJECT	Hector Mersey 2 400kV Tower 127 Crossarm Replacement Project
SCOPE	Removal of damaged earthpeak and crossarm from tower Hector Mersey 2 400kV T127 and install new crossarm and earthpeak. Removal of damaged redundant members and replace with new. Replace all phase conductor and earthwire vibration dampers

CONTRACTOR/SUPPLIER	
Name and Details	

PURPOSE	To assess whether the above-mentioned supplier/s submitted the required technical documentation as required in the Enquiry referenced above, and that the documentation complies with the specified requirements.
REFERENCE DOCUMENTATION	<ol style="list-style-type: none"> The standard for the construction of overhead powerlines (TRMSCAAC5) - 240-47172520-rev 5.2. Site Engineers Report: Tornado Damage : Hector Mersey 2 400kV Tower 127.– LES1082 Hector Mersey 2 400kV Tower 127 Crossarm Replacement Project Scope of Work Document (240-156026780) <p>Note: The list of reference documentation could vary depending on the nature of the enquiry</p>

EVALUATION CRITERIA
The tender submission score sheet indicating the criteria to be used, the weighting of each criterion and the weighting per discipline in multidisciplinary packages shall be authorised by the relevant senior manager. The approved tender submission score sheet shall be issued with the enquiry document to be used for technical evaluation.

Notes: The score for all documents will not be exclusively based on submission; the content and quality of the documents will be considered.

Free-issue items:

- Vibration Dampers will be supplied by the East Grid

Supply and installations by contractor:

- Steel for crossarm, earthpeak and redundant members including all plates, bolts, washer and nuts. (511B)

Comments field to be populated for all scores. If the contractor complies with the all the requirements, he will achieve the maximum score for each item.

The engineering gatekeeper is 75%.

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QUALITATIVE EVALUATION CRITERIA	
DOCUMENT REQUIREMENTS	WEIGHT AND SCORE % RESULT

1. List of Suppliers and Subcontractors to be used					
Item No.	Item	Weighted (40%)			
		Weight (W)	Actual (A)	Max (M)	Result(R) (A / M) X W
1.1	Provide a list of proposed suppliers and subcontractors for the following; Need supplier details and history related to lattice manufacturing <ul style="list-style-type: none"> Steel for Crossarm, earthpeak and redundant members (511B)(steel to be sourced locally) (5) 	5%		5	
1.2	Provide letters of undertaking stating their willingness and availability to be involved on the project should the bidder get the project. (5)	5%		5	
Result (R) = (A / M) X W		Maximum : 10%			
Subsection = sum of Result (R)		%			
Comments					
1.1	Provide details of the suppliers for the tower steel.				
1.2	Provide letters from the suppliers stating their willingness and availability to be involved in the project				

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QUALITATIVE EVALUATION CRITERIA	
DOCUMENT REQUIREMENTS	WEIGHT AND SCORE % RESULT

2. Construction methodology and safe work procedures

Item No.	Item	Weighted (40%)			
		Weight (W)	Actual (A)	Max (M)	Result(R) (A / M) X W
2.1	<p>Provide comprehensive safe work procedures that will be followed for all associated activities when the project is executed. The safe work procedures must give Eskom the assurance that the tenderer can execute the scope of work safely. The safe work procedures must include points below for the various activities:</p> <ol style="list-style-type: none"> 1. Definition of scope in tenderers terms. 2. List of resources to be used. 3. List of equipment to be used. 4. High level schedule for completion of scope 5. Risk mitigations <p>The safe work procedures must encompass all of the activities below</p> <ol style="list-style-type: none"> 1. Securing and suspending of the phase conductors and earthwire (0.833) 2. Dismantling and lowering of the damaged earthpeak and crossarm (0.833) 3. Assembly and Erection of new crossarm and earthpeak (0.833) 4. Re-instating phase conductors and earthwire to crossarm and earthpeak respectively (0.833) 5. Replacement of damaged redundant members (0.833) 6. Replacement of phase conductor and earthwire vibration dampers (0.833) 	55%		5	
Result (R) = (A / M) X W		Maximum : 55%			
Subsection = sum of Result (R)		%			
Comments					
2.1	Provide a detailed safe work procedure for each of the activities listed above to obtain 0.833 points for each safe work procedure.				



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3. Previous experience and capability

Item No.	Item	Weighted (30%)			
		Weight (W)	Actual (A)	Max (M)	Result(R) (A / M) X W
3.1	Provide a full list of previous similar projects undertaken (minimum 2)- must include : <ul style="list-style-type: none"> • Project names, (1) • Scope of work performed on that project (1) • Contact persons that awarded the project to tenderer.(1) • Was project completed successfully? (1) • How much of work was actually performed by tenderer?(1) 	20%		5	
3.2	Provide the following: <ul style="list-style-type: none"> • Organogram of proposed construction teams to be used for this project. (1) • Detailed schedule (1.5). • CV's of key personnel, like: Project Manager, Site Supervisor, Temporary works engineer, Linemen and crane operators. CV's should include relevant certifications such as ORHVS, FAS, Supervision Certificate for supervisor, etc. (2.5) 	15%		5	
Result (R) = (A / M) X W		Maximum : 35%			
Subsection = sum of Result (R)		%			
Comments					
3.1	Provide a list of relevant previous projects (1 project with all details as required above supplied- 1, 2 projects with all details as required above supplied- 3, more than 2 projects done- 5).				
3.2	Provide a project specific organogram (1) and schedule (1). Also provide CVs of key personnel. (3)				

FINAL TOTAL SCORE EQUALS THE SUM OF SUBSECTIONS 1 to 2 AS A PERCENTAGE

FINAL TOTAL PERCENTAGE OF SUBSECTIONS 1 to 2

TECHNICAL THRESHOLD

For this project the Technical Threshold will be 75%

Overall Comments

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REVIEWED BY		
Name	Signature	Date

APPROVED BY		
Name	Signature	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

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.