

 Transmission Power Delivery Engineering Line Engineering Services (LES)		Engineering Technical Evaluation Criteria  (for a Transmission Powerline)				1
Name of Project:		Steel RFI				
Item	Description	Select Option	Actual	Max	Weight	Total
1	Manufacturing capability ( <i>has to be inhouse, i.e. less than 30 % subcontracting</i> )  Machinery (list main machinery and limitations in terms of steel angle sizes, for cutting and bending)  Machinery must be visible on the factory floor.  Specify what machine(s) will be used for which specified activity.	1.1.Heel grinding of steel members		10	25%	Total 100% Local Suppliers Only
		1.2.Cut and punch (steel member less than 80x80x6mm)				
		1.3.Cold bending of steel				
		1.4.Able to perform plate cutting (plate thickness 12mm )				
		1.5.Welding capabilities (needed to weld small sections of anti-climb devices )				
		1.6.Cut and punch (steel members greater than 80x80x6mm)				
		1.7.Hot bending (for open/closed flanges)				
		1.8.Able to perform plate cutting (12mm and below for 529 and Distribution towers) above for Transmission towers				
2.1	Provide a list and 1-page summary of steel supply scope, per project, of current transmission line projects that you are supplying steel on (include project name and operating voltage)	No information/No current Projects		8	20%	
		Projects and operating voltages provided				
		Summaries of steel scope provided				
2.2	Current manufacturing capacity with existing machinery on site (tonnage of manufactured steel per month that can be supplied), verified by Eskom	Average existing production per month over the last 12 months (tonnage of steel )		4	10%	
		Average spare production per month over the last 12 months (tonnage of steel )				
3.1	Tower Detailing capability (in house capability only)	No information		2	5%	
		No prior experience in relevant lattice structures				
		Provided with relevant information				
3.2	Draftsmen CVs attached	No information(unqualified)		2	5%	
		Suitable qualifications provided /lattice tower experience				
4	Software packages used 3d modelling and part drawings eg Bocad or similar. Provide proof of license	No information		2	5%	
		Provided				
		Provided with Proof of license				
5.1	Raw material supply	Provide letter of confirmation/ invoice from source		4	10.00%	
5.2	Nuts and bolt supply	Provide letter of confirmation/ invoice from source		2	5.00%	
		No information				

6	Galvanising. Indicate bath size (to cater for max member length) or letter from galvaniser	Provided		2	5%	
		Provided and Max length indicated				
7	Prototyping (assembly team)  Note that prototyping is not required in this phase of the evaluation. However, indicate whether or not you have access to an assembly team?	No information		4	10%	
		Provided				
8	For international tenderers only (provide the following information)	Maximum of 5 project references over the last 5 yrs (project names, tonnage of steel, utility and/or IPP clients, schedule of steel supply , letters from clients inidcating succesful delivery )		5	50%	Total 100% For International Suppliers
		Experience of lattice towers (mention tower types and provide drawings)		3	30%	
		Valid ISO 9001 certification		2	20%	
	The minumum threshold to be considered for protoyping is 70% for local suppliers. Failure to achieve the 70% threshold will lead to the supplier not being considered for prototyping and accreditation.					