

MANDATORY REQUIREMENTS

No.	Mandatory Requirement	Comments
1	Manufacturing Plan with duration	Submit document proof
2	Technical analytical data document	Submit document proof

Evaluation Criteria (Technical)					
Sulphuric Acid Plant FAT's Mist Eliminators					
No.	Technical Criteria Description	% Contribution	Proof/Documents to be submitted	Notes	
1	Mandatory - Compliance with Scope of Work Specifications				
a)	Tender returnable documentation submitted for technical evaluation. Scoring: Yes = 15% No = 0%	15%	Provide mandatory documents as per above.		
b)	Detailed breakdown of schedule of rates and costs, priced bill of quantities as per Foskor BOQ format Scoring: Yes = 30% No = 0%	30%	Provide priced bill as per Foskor issued format.		
2	Competence - Supplier experience				
a)	Supplier previous experience in supplying similar or same Mist Eliminators Scoring: Supplied Mist Eliminators with the required specification before : 15% Never supplied Mist eliminators before: 0%	15%	Proof from area supplied		
3	Reliability: Potential Supplier Manufacturing Plan				
	Scoring:	10%			
	Supply & deliver on site within 6 months period (Inclusive manufacturing plan): 10%				
	Unable to supply and deliver on site within 6 month(s) period: 0%				
4	Technical Data				
a)	Air Temp, C		135C -(tower outlet) 82C (tower inlet)	30%	Proof of Product Capability Specifications
b)	Acid Strength		98.50%		
c)	Gas Flow Components				
d)	SO2, Nm3/hr		86		
e)	SO3, Nm3/hr		850		
f)	O2, Nm3/hr		1359		
g)	N2, Nm3/hr		197061		
h)	Gas Flow: Dry Total, Nm3/hr		207767		
i)	H2O, Nm3/hr		0		
j)	Gas Flow: Wet Total, Nm3/hr		207767		
k)	FINAL Tower Mist Eliminator Spec Data				
l)	Type		Flexifibre Fibered mist eliminators		
m)	Gasket		PTFE		
n)	Frame		SS316		
o)	Estimate mist load		1250 mg/m3		
p)	Seal cup required		Yes (Flanged)		
q)	Candle drain pipes required		Yes		
r)	Allowable pressure drop		250mmH2O		
s)	Efficiency required		100%,>3.0 microns 99%<3.0 microns		
t)	Flow		EFF		
u)	Emission standards		<=0.0075 kgH2SO4 per metric ton acid		
Scoring: All specifications met : 30% Specification not met: 0%					
Total		100%			
1. Mandatory documentation not submitted.					