

AC Resonant Test System



Questionnaire

Quotation number: _____
 (Will be filled in by Samgor)

Customer Information

Name: _____
 Company: _____
 Tel: _____
 Email: _____
 Placing location/Country: _____

A. Technical Part

Application

Test shop Research institute Mobile on-site

Test Objects

Distribution transformers
 Power transformers
 Instrument transformers
 Surge Arrestors
 Disconnectors/Switchgears
 Insulators
 Bushings
 Power Cables
 Capacitors
 Others: _____

Structure of the Resonant System

Series resonant system <input type="checkbox"/>	Parallel resonant system <input type="checkbox"/>
Oil Filled <input type="checkbox"/>	SF ₆ Filled <input type="checkbox"/>
Cylinder type <input type="checkbox"/>	Tank type with bushing <input type="checkbox"/>
Tunable Frequency <input type="checkbox"/>	Tunable Inductance <input type="checkbox"/>

Main Parameters

Max output voltage: _____ kV
 Max output current: _____ A

Output frequency range: _____ Hz

Load case	/	1	2	3
Test voltage	kV			
Test current	A			
Test frequency	f			
Min Capacitance of test object	nF			
Max Capacitance of test object	nF			
Continuous operation	/			
Short-time operation	/			
ON	min			
OFF	min			
Load cycles	Per day			
PD level	pC			

Control and Measuring System

Manual control and measuring system

Digital control and measuring system

Requirements Concerning the PD Behavior of the Resonant System

Yes No

PD level < _____ pC up to _____ kV

PD level < _____ pC up to _____ kV

Isolation Transformer Yes No

PD Measuring Detector Yes No

Shielding Room Yes No

Power Supply Conditions

	Low voltage mains	Medium voltage mains
	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
Mains voltage/..... V kV
Frequency	Hz	
Available power		
Single-phase	kVA	
Three-phase	kVA	
Star point earthed	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>

Test Field

Layout(L*W*H),if application for test shop*	Test field	m*m*m	
Ambient conditions	Altitude above sea level	m	
	Min. ambient temperature	°C	
	Max. ambient temperature	°C	
	Max. relative humidity	%	
	Ambient partial discharge	pC	

*A drawing about the layout of the test field is preferred.

Other requirements:

B. Commercial Part

Purpose of the Enquiry

Budget planning Standard quotation Tender

Quotation Required

Within 1 week Within 2 weeks Within 1 month

Binding Period of the Quotation

3 months Other: _____

Delivery Base according to Incoterms 2010

EXW FOB CIF

Requested Delivery Period

.....months after order

Warranty Period Required

1 year 2 years 5 years Other: _____

Space for Remarks
