

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
