



**PROVINCIAL ELECTRICITY AUTHORITY
POWER SYSTEM STANDARD DIVISION**

Specification No.: RTES-115/2556: INSULATION ANALYZER

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C4 Price schedule

Manufacturer :

Invitation to Bid No.:

Country of origin :

Trade-mark :

Item	PEA Material No.	Catalogue No.	Description	Quantity	Unit Cost (See details & conditions attached)	Total Cost (See details & conditions attached)
1	-		<p>Portable insulation analyzer, for field testing of insulation in electrical equipment and apparatus up to 115 kV 50 Hz in live substations e.g. power transformers, bushings etc., and for measurements and calculations of capacitance, power factor, watt loss, current , and voltage; consisting of high voltage test section and control and measuring section; with;</p> <p>Output voltage :</p> <p>Output current :</p> <p>Capacitance :</p> <p>Power supply :</p> <p>Complete with:</p> <p>1)</p> <p>2)</p> <p>3)</p> <p>4)</p> <p>5)</p> <p>6)</p> <p>7)</p> <p>8)</p>	set(s)		
	II					



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Item	PEA Material No.	Catalogue No.	Description	Quantity	Unit Cost (See details & conditions attached)	Total Cost (See details & conditions attached)
			9)			
			10)			
			11)			
			12)			
			13)			
			14)			
2	-		Spare parts for the portable insulation analyzer in item 1 (give detail)	lot(s)		
3	-		Optional accessories for the portable insulation analyzer in item 1 (give detail)	lot(s)		
4	-		Training course for PEA's personnel including on-site training for operation and maintenance of the portable insulation analyzer in item 1.	lot(s)		
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Item	PEA Material No.	Catalogue No.	Description	Quantity	Unit Cost (See details & conditions attached)	Total Cost (See details & conditions attached)
5	-		<p>Automatic insulation analyzer, fully automatic, modular and portable design, suitable for field testing of insulation in electrical equipment and apparatus up to 115 kV 50 Hz in live substations e.g. power transformers, circuit breakers, bushings, etc., and for measurements and calculations of voltage, current, power factor, dissipation factor, capacitance, inductance and watt loss consisting of high voltage test section and control and measuring section, with:</p> <p>Safety standards :</p> <p>Output voltage :</p> <p>Output current :</p> <p>Maximum output power :</p> <p>Test voltage:</p> <p>- range :</p> <p>- resolution :</p> <p>- accuracy :</p> <p>Test current:</p> <p>- range :</p> <p>- resolution :</p> <p>- accuracy :</p>	set(s)		
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Item	PEA Material No.	Catalogue No.	Description	Quantity	Unit Cost (See details & conditions attached)	Total Cost (See details & conditions attached)
	II		Test frequency: - range : - resolution : - accuracy : Power factor: - range : - resolution : - accuracy : Dissipation factor: - range : - resolution : - accuracy : Capacitance (at 50 Hz): - range : - resolution : - accuracy :			



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Item	PEA Material No.	Catalogue No.	Description	Quantity	Unit Cost (See details & conditions attached)	Total Cost (See details & conditions attached)
II			Inductance (at 50 Hz): - range : - resolution : - accuracy : Active power: - range : - resolution : - accuracy : Control and measuring section : PC communication interface : Operating temperature : °C Power supply :			



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Item	PEA Material No.	Catalogue No.	Description	Quantity	Unit Cost (See details & conditions attached)	Total Cost (See details & conditions attached)
			The automatic insulation analyzer shall be completed with: 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11.			
6	-		Spare parts for the automatic insulation analyzer in item 5 (give detail)	lot(s)		
7	-		Optional accessories for the automatic insulation analyzer in item 5 (give detail)	lot(s)		
8	-		Training course for PEA's personnel including on-site training for operation and maintenance of the automatic insulation analyzer in item 5.	lot(s)		
	II					

ใบยื่น Multifunction Primary Test System with Power factor และอุปกรณ์เพิ่มเติมแบบท้ายสเปค ข้าพเจ้าเสนอรายการพัสดุ รวมทั้งบริการ ซึ่งกำหนดไว้ในเอกสารประกวดราคาซื้อด้วยวิธีการประกวดราคาทางอิเล็กทรอนิกส์ (e-bidding) โดยมีรายละเอียดดังนี้

ที่	รายละเอียด	จำนวน (ชุด)	Catalogue No.	Manufacturer	Trade-Mark	Country of origin
1	Multifunction Primary Test System with Tangent Delta - Laptop computer - ระบบสำรองไฟ (UPS) - Printer - Spare part (High-voltage supply shielded cable, not less than 18 meters long,with connection clamp) x 2 - Calibration box - Line impedance Module and all accessory - Comfortable Trolley	1				