

Date: 23/9/2013

REQUEST FOR QUOTE

Nº PRO-12-0886-1

Manufacturer: EMEK ELEKTRIK ENDUSTRISI A.S.
Contact: Ufuk Akkaya
Client: FIANSA S.A
Project: Interconeción CH 8 de Agosto-CH el Carmen
Our Reference: 0615-ETT-1

Item	Quantity	Product description
1	6	Current transformer-17.5kV
		Rated Voltage 17.5 kV
		Ratio 600//5-5A
		Burden 30VA-30 VA
		Accuracy 0.2S-5P20
		Ith 25 kA
		BIL 95 kVp
		Power Frequency 38 kV
		Withstand
		Frequency 60 Hz
		Installation Type Outdoors
2	2	Disconnect Switch without earthing blade-17.5kV-630A
		Nominal Voltage 17.5 kV
		Nominal Current 630 A
		Short Circuit Current 25 kA
		Operation Type Vertical
		BIL 95 kVp
		Power Frequency 38 kV
		Withstand
		Creepage Distance 20 mm/kV
		Frequency 60 Hz
		Auxiliary Voltage 110 VDC
		Main Operation Type Manual&Electric (Local and remote)
		Mounting Type Vertical-Outdoors
3	1	Disconnect Switch without earthing blade-17.5kV-1600A
		Nominal Voltage 17.5 kV
		Nominal Current 1600 A
		Short Circuit Current 25 kA
		Operation Type Vertical
		BIL 95 kVp
		Power Frequency 38 kV
		Withstand
		Creepage Distance 20 mm/kV
		Frequency 60 Hz
		Auxiliary Voltage 110 VDC
		Main Operation Type Manual&Electric (Local and remote)
		Mounting Type Vertical-Outdoors
4	3	Inductive Voltage transformer-17.5kV
		Rated Voltage 17.5 kV
		Ratio 13.8/V3//0.1/V3-0.1/V3kV

		Burden	30VA-30 VA
		Accuracy	3P-0.5
		BIL	95 kVp
		Power Frequency	38 kV
		Withstand	
		Creepage Distance	20 mm/kV
		Frequency	60 Hz
		Installation Type	Outdoors
5	2	Disconnecter Switch with earthing blade-17.5kV-630A	
		Nominal Voltage	13.8 kV
		Nominal Current	630 A
		Short Circuit Current	25 kA
		Operation Type	Vertical
		Earthing Blade	Si
		BIL	95 kVp
		Power Frequency	38 kV
		Withstand	
		Creepage Distance	20 mm/kV
		Frequency	60 Hz
		Earth Switch Auxiliary	10NA-10NC
		Contact	
		Auxiliary Voltage	110 VDC
		Main Operation Type	Manual & Electric (Local and remote)
		Earthing Switch Operation	Manual
		Type	
		Mounting Type	Vertical-Outdoors
6	6	Inductive Voltage transformer-27kV	
		Rated Voltage	24 kV
		Ratio	22.9/V3//0.1/V3-0.1/V3
		Burden	30VA-30 VA
		Accuracy	3P-0.5
		BIL	125 kVp
		Power Frequency	50 kV
		Withstand	
		Creepage Distance	20 mm/kV
		Frequency	60 Hz
		Installation Type	Outdoors
7	9	Current transformer-24kV	
		Rated Voltage	24 kV
		Ratio	200-400 // 5-5
		Burden	30VA-30 VA
		Accuracy	0.2S-5P20
		Ith	25 kA
		BIL	125 kVp
		Power Frequency	50 kV
		Withstand	
		Frequency	60 Hz
		Installation Type	Outdoors
8	2	Disconnecter Switch without earthing blade-27kV-630A	
		Nominal Voltage	22.9 kV
		Nominal Current	630 A
		Short Circuit Current	25 kA
		Operation Type	Vertical
		BIL	125 kVp

		Creepage Distance	20 mm/kV
		Frequency	60 Hz
		Auxiliary Voltage	110 VDC
		Main Operation Type	Manual&Electric(Local and remote)
		Mounting Type	Outdoors
9	1	Disconnecter Switch without earthing blade-27kV-1250A	
		Nominal Voltage	27 kV
		Nominal Current	630 A
		Short Circuit Current	25 kA
		Operation Type	Vertical
		BIL	125 kVp
		Creepage Distance	20 mm/kV
		Frequency	60 Hz
		Auxiliary Voltage	110 VDC
		Main Operation Type	Manual & Electric (Local and remote)
		Mounting Type	Vertical-Outdoors
10	3	Disconnecter Switch with earthing blade-27kV-630A	
		Nominal Voltage	27 kV
		Nominal Current	630 A
		Short Circuit Current	25 kA
		Operation Type	Vertical
		Earthing Blade	Si
		BIL	125 kVp
		Creepage Distance	20 mm/kV
		Frequency	60 Hz
		Earth Switch Auxiliary Contact	10NA-10NC
		Auxiliary Voltage	110 VDC
		Main Operation Type	Manual and Electric (Local & Remote)
		Earthing Switch Operation Type	Manual
		Mounting Type	Outdoors
11	3	Capacitive voltage transformer-145kV	
		Rated Voltage	145 kV
		Ratio	138/V3//0,10/V3-0,10/V3
		Burden	30VA-30 VA
		Class	0,2-3P
		BIL	650 kVp
		Power Frequency Withstand	275 kV
		Creepage Distance	20 mm/kV
		Frequency	60 Hz
		Installation Type	Outdoors
12	1	Disconnecter Switch with earthing blade-138kV	
		Rated Voltage	145 kV
		Rated Current	1250 A
		Phases	3
		Operation Type	Central
		Earthing Blade	Si
		BIL	650 kVp
		Power Frequency Withstand	275 kV
		Creepage Distance	20 mm/Kv
		Frequency	60 Hz

		Main Switch Auxiliary Contact	10 (NA)-10(NC)
		Earth Switch Auxiliary Contact	20=10 (NA)-10(NC)
		Auxiliary Voltage	110 VDC
		Type of Main Operation	Manual & Electric(Local and remote)
		Type of Earth Switch Operation	Manual
		Installation Type	Outdoors