



**LIMITED LIABILITY COMPANY  
“UST-KAMENOGORSK CAPACITOR  
PLANT”**

***Power Factor Correction/Furnace Capacitors  
(Questionnaire for Purchase Order)***

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Name of company:

Performer:

Contact information:

Phone: \_\_\_\_\_

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<b>№</b>	<b>Parameter</b>	<b>Performance variant</b>	<b>Customer requirements</b>
1	Capacitor type		
2	Rated voltage, kV		
3	Rated power, kVar		
4	Rated capacitance, total, mfd		
4.1	Rated capacitance between terminals, mfd		
4.2	Rated capacitance as per groups, mfd		
4.3	Permitted deviation of capacitance value from rated one, %		
5	Rated frequency, Hz		
6	Rated current, A		
7	Capacitor connection scheme		
8	Presence of a terminal for ground connection, (yes/no)		
8.1	Grounding connection		
9	Quantity of insulated terminals, pcs.		
9.1	Terminals connection		
9.2	Creepage distance of external insulation as per GOST 9920-89, cm/kV, no less		
9.3	Insulation level, kV ( active value of test voltage of frequency 50 Hz / maximum value of full lightning impulse)		
10	Presence of discharge resistors (yes/no)		
10.1	Time of discharge, sec.		
11	Presence of internal fuses( yes/no )		
12	Placement category and climatic performance		
13	Upper working value of ambient air, °C		
14	Lower working value of ambient air , °C		
15	Capacitor cooling type		
15.1	Limited deviation of temperature at the output of cooling system, °C		
15.2	Minimum water consumption, l/min.		
16	Tangent of loss angle value		
17	Altitude above sea level, m, not more		
18	Permissible voltage overload of capacitor, kV, not more		
19	Permissible current overload of capacitor, A, not more		
20	Active value of test voltage, between terminals, within 10 sec, kV		
21	Active value of test voltage, applied between terminals connecting together and case, within 60 sec, kV		
22	The amplitude of the impulse voltage of standard wave 1.2/50 microseconds, applied between terminals connected together and case, within 10 seconds kV		
23	Impregnating fluid		
23.1	Quantity of free fluid in a capacitor, kg		
24	Case material		
25	Weight, kg, not more		