

**GUARANTEED TECHNICAL PARTICULARS 33 KV LIGHTNING ARRESTOR**  
**(VOLTAGE CLASS SURGE ARRESTORS)**

<b>A</b>	Name of tenderer / contractor	
<b>B.</b>	Tender specification No.	
<b>1.</b>	Name of manufacturer of equipment.	
	Surge Arrester	
	Line Dis-Connector	
	Metal oxide block	
	Terminal Clamp	
<b>2.</b>	Name & Address of collaborator if any	
<b>3.</b>	Standard to which surge arrestors confirms	
<b>4.</b>	Surge Arrestor	
<b>4.1</b>	Voltage rating (kV rms)	
<b>a</b>	Continuous Operating Voltage (kVrms)	
<b>b</b>	Leakage current at continuous operation voltage:	
<b>c</b>	Partial discharge at 1.05 COV (PC)	
<b>d</b>	Permitted leakage current of arrester beyond which arrester is faulty:	
<b>5.</b>	Frequency (Hz)	
<b>6.</b>	Nominal discharge current (wave shape=8/20 micro second)(kA)	
<b>7.</b>	Pressure relief rated current (kA rms)	
<b>8.</b>	Steep current protection level at 10kA	
<b>a</b>	Lighting impulse protector level at 5 kA and 10kA (kVP)	
<b>b</b>	Switching Impulse protection level with 40x80 micro-sec. Wave at 500/1000A.	
<b>9.</b>	Long duration current impulse withstand capacity and virtual duration	
<b>10.</b>	Line discharge class	
<b>11.</b>	Thermal runaway limit of arrester	
<b>12.</b>	Energy capability (kJ/KV)	
<b>13.</b>	Pressure relief rating	
<b>14.</b>	Dry arcing distance	
<b>15.</b>	Reference current and reference voltage	
<b>16.</b>	Arrester housing	
<b>16.1</b>	Power frequency one minute wet withstand voltage (kV rms)	
<b>16.2</b>	Lighting impluse dry withstand voltage (kVP)	
<b>16.3</b>	<b>Creepage distance</b>	
<b>a</b>	Construction Details	
<b>b</b>	Total	
<b>16.4</b>	Short circuit withstand capacity	
<b>16.5</b>	Bending moment (mm)	
<b>17.</b>	<b>Disconnecter</b>	
<b>a</b>	Constructional details	
<b>b</b>	Other information as applicable to Surge arrester	

<b>18.</b>	G A drawing indicating height of complete unit from base to line, minimum recommended centre to centre spacing, clearance from ground equipment at various height of arrestor, earthing arrestor, earthing arrangement on earthed site of arrestor etc.	
<b>19.</b>	Details of packing	
<b>20.</b>	License number and date for using ISI certification mark if any.	
<b>21.</b>	Any other Information	