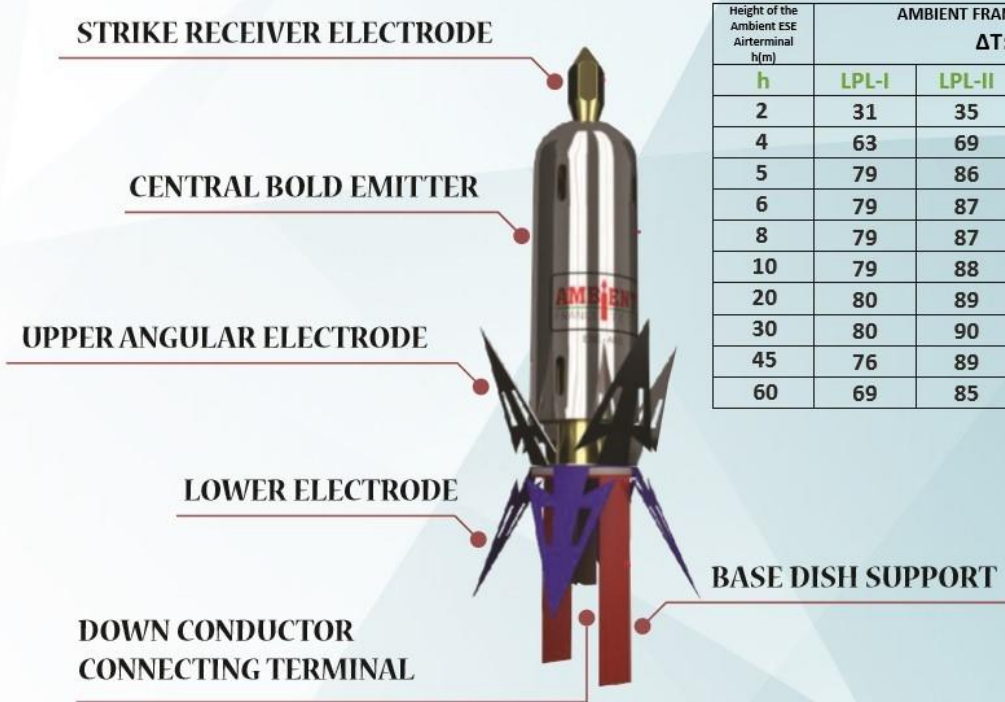


AMBIENT ESE A9.0 LIGHTNING PROTECTION SYSTEM



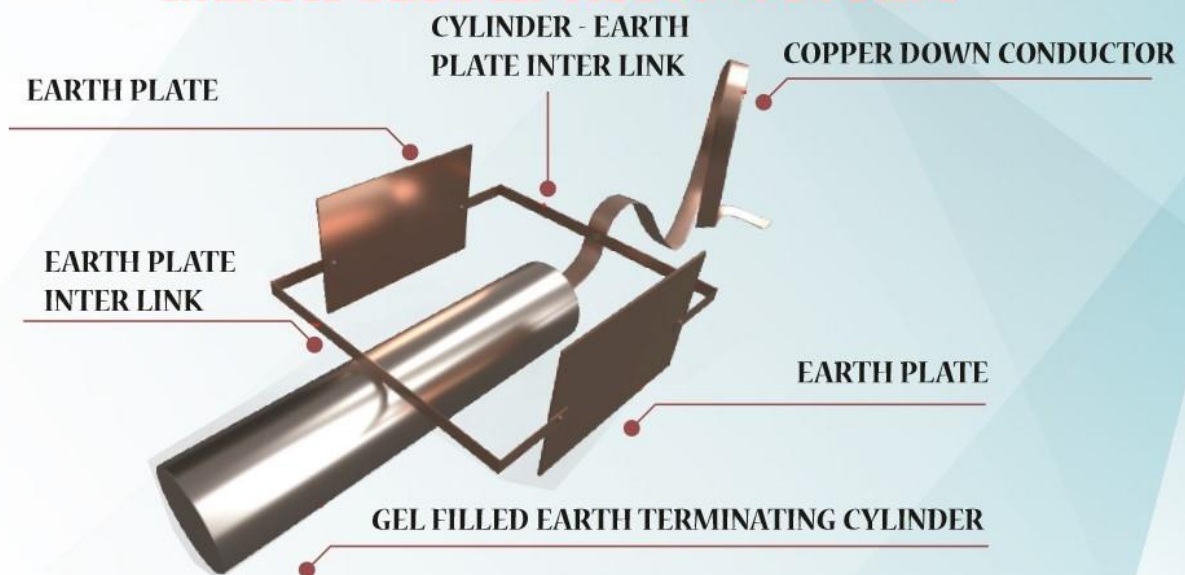
ESE - A9.0

AMBIENT FRANCETECH ESE A9.0


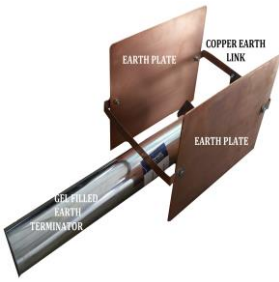





Height of the Ambient ESE Airterminal h(m)	AMBIENT FRANCETECH ESE A9.0			
	$\Delta T: 60\mu s$			
h	LPL-I	LPL-II	LPL-III	LPL-IV
2	31	35	39	43
4	63	69	78	85
5	79	86	97	107
6	79	87	97	107
8	79	87	98	108
10	79	88	99	109
20	80	89	102	113
30	80	90	104	116
45	76	89	105	119
60	69	85	104	120

EARTH TERMINATION SYSTEM



ESTIMATE : AMBIENT FRANCETECH ESE A9.0

Sl. No	Item description		Unit	Rate	Qty	Amount
1.	<p>Early streamer emission (ESE) Lightning receiver antenna AMBIENT ESE A9.0 of M/s Tsehrezert Instruments, Lyon-France Provide an Umbrella Protection Against Lightning Strikes Covering A Distance of 120 meter. Radius of protection achieved by angle coverage method comply with EN 62305. Autonomous operation Protection Against Negative as Well as Positively Charged Cloud Discharges. ESE Air Terminal Capable of Handling Multiple Strokes of Lightning Currents. Non- Corroding & Non-Radioactive ESE Air terminal. Internally combined self-triggering pulse unit. It produces upward emission. Eco friendly-free from pollution & radiation</p>	 <p>Coverage zone : 120 Meter</p> <p>Compliance With: NFC 17-102:2011 Mast Height: 4 Mtr Central Emitter Cover: Upper Angular Electrodes: 4 Nos Lower Electrodes: 4 Nos</p>	1no	38,320	1	38,320
2	<p>Supply and Providing Gel filled and copper winded cylinder earth terminator(900X 100 MM) (Recommended for ESE lightning protection systems) and necessary items as required Providing and fixing the best quality with 450 mm X 300 mm X 3mm thick two bonded copper base plates with inter links, supporting earth plate clamps, SS/brass screws, SS/brass nuts(Levels for the Earth Termination Network BS-2012, ERTL , IEEE-2000 and IS - 2003)</p>		1no	15,250	1	15,250

<p>3</p>	<p>Copper strip 100% Purified, 25mm X 2.203 mm (57 sq.mm) or Insulated copper 50 Sq.mm ISI certified Conductor strength as down conductor directed through P.V.C Pipe & accessories, Stainless steel wall Connectors etc.</p>	 <p>(V GUARD CABLE)</p>	<p>1mtr</p>	<p>650</p>	<p>20</p>	<p>13,000</p>	
<p>4.</p>	<p>Filling with one bag 40 kg of concentrated and highly moisture Absorbing semi metallic with chemical Mixture and 25 kg electrofil compound for efficient and long lasting earthing value etc(Levels BS-2012, ERTL , IEEE-2000 and IS -2003)</p>		<p>1</p>	<p>7,290</p>	<p>1</p>	<p>7,290</p>	
<p>5.</p>	<p>Installation and Transportation. Charge</p> <p>Type-1+2 (Class-B+C) (Combi Controller) (Imp 8KA/pole) Surge Protector</p>	 <p>FREE: TYPE 1+2 SURGE PROTECTION DEVICE</p>	<p><u>1no</u></p>	<p>16,865</p>	<p>1</p>	<p>10,000</p> <p>FREE</p>	
						<p>Total</p>	<p>83,860</p>