



## QUOTATION

Project Name: LSG ULTIMATE PKG

Quote #: 24OQLSGP2

Company: Residential-Protection Packages



These are Residential Packages for Houses at  
Kerala State only, ALL KERALA FREE DELIVERY,  
NO HIDDEN CHARGES, FIXED RATE

Terms: \*\*\*  
Ship via: Land Cargo  
C&F Landed at site  
Weight: \*\*\* As applicable

### LSG Protect-TGD30

Supply of External Lightning Protection System LSG PROTECT – Thunderguard® ESEs are made of non-corrosive materials, utilize advance and sustainable technologies, maintain a 15 Yrs warranty, are independently tested certified to NFC 17102 and UNE 21186 standards. Level IV 75 mtrs by capturing dangerous lightning discharges and safely channelling it to earth. All mounting mast connected with FRP mast for Protection of Side Flash Lightning Current and Test link Joint Kit IP 55/65 weather proof enclosure for testing the earth pit. Insulation material used to electrically isolate the panels, The lightning air terminal is maintenance free type & frequent testing is not necessary for ensuring the working of it. The central finial shall be elevated above the spheroid and it is sharp pointed & made-up of stainless steel alloy for long and reliable operations. An air gap provided between the individual electrically isolated 4 panels and the finial tip of the central rod.

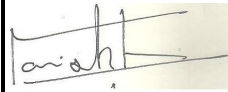
Number	Item	Description	Qty.	Unit	Unit Cost	Total Cost
		Lightning Protection System			(in INR)	(in INR)
1	ThunderGuard 30	LSG ThunderGuard 30 Lightning Arrester with SS ADAPTOR	1	No	INR 55,000	INR 55,000
2	Earthing	Maintenance free Earthing For Lightning Arrestor: Using 2 no's of 2 Mtr long / 250 micron, 14.2mm Dia DOLPHIN UL Listed Copper bonded Steel Rod & TEKSO ELECTRON Fill , a low resistivity ,RoHS certified & Maintenance free Grounding Enhancement backfill Compound Model:-TEKSO ELECTRON FILL(22 kg)	1	Set	INR 12,000	INR 12,000
3	Elevation Mast	Specially designed 3 mtrs GI mast Setting , and 1 mtr FRP top section insulation mast; Roof top/Tower side mounting arrangement & fixing accessories (anchoring rope & anchoring plate, Base -for roof top installation). The mast coated with paint for additional protection,Cable connector Adaptor	1	Set	INR 8,000	INR 8,000
4	Down Conductor	50 Sq MM V Guard HRFR Insulated Copper Cable	25	Mtrs	INR 800	INR 20,000
5	Surge Protector Device	LSG Protect BC100 Imported 3 Phase 1+2 Combicontrol 100KA AC Surge protection device	1	No	COMPLEMENTARY	COMPLEMENTARY
6	Lightning Strike counter	LSG PROTECT Imported 6 Digit analogue lightning strike counter	1	No	INR 10,000.00	INR 10,000.00
7	Equipotential bonding Device	LSG PROTECT EQB50 , Lightning impulse current Limp 50KA 10/350, I <sub>max</sub> 8/20 50KA, Protection against reverse path effect and equal distribution of lightning current to earth rods.	1	No	INR 14,000.00	INR 14,000.00
8	Installation	Installation of ESE Lightning Protection System, tester system, SPDs with Down conductor routing from the LA terminal to the earth pit. Earth termination, fixing & Backfilling	1	Job	INR 11,000	INR 11,000
Quotation Valid For 20 days			SUB TOTAL		INR 1,30,000.00	
SEASONAL SPECIAL DISCOUNT					INR (31,000.00)	
GRAND TOTAL					INR 99,000.00	

**Terms & Conditions**

- 1 Price Landed at site
- 2 Customers Scope: Material safety will be customer scope after delivery
- 3 Approvals /Permission of work/storage of tools & equipment/safety etc : At customers scope

**Thank you,**

**Best Regards**



**ELSAFE PROTECTION & CONTROL SYSTEMS**

**CALL US AT 08848281812**



Doc. No. : ES252612121

Rev. No. :

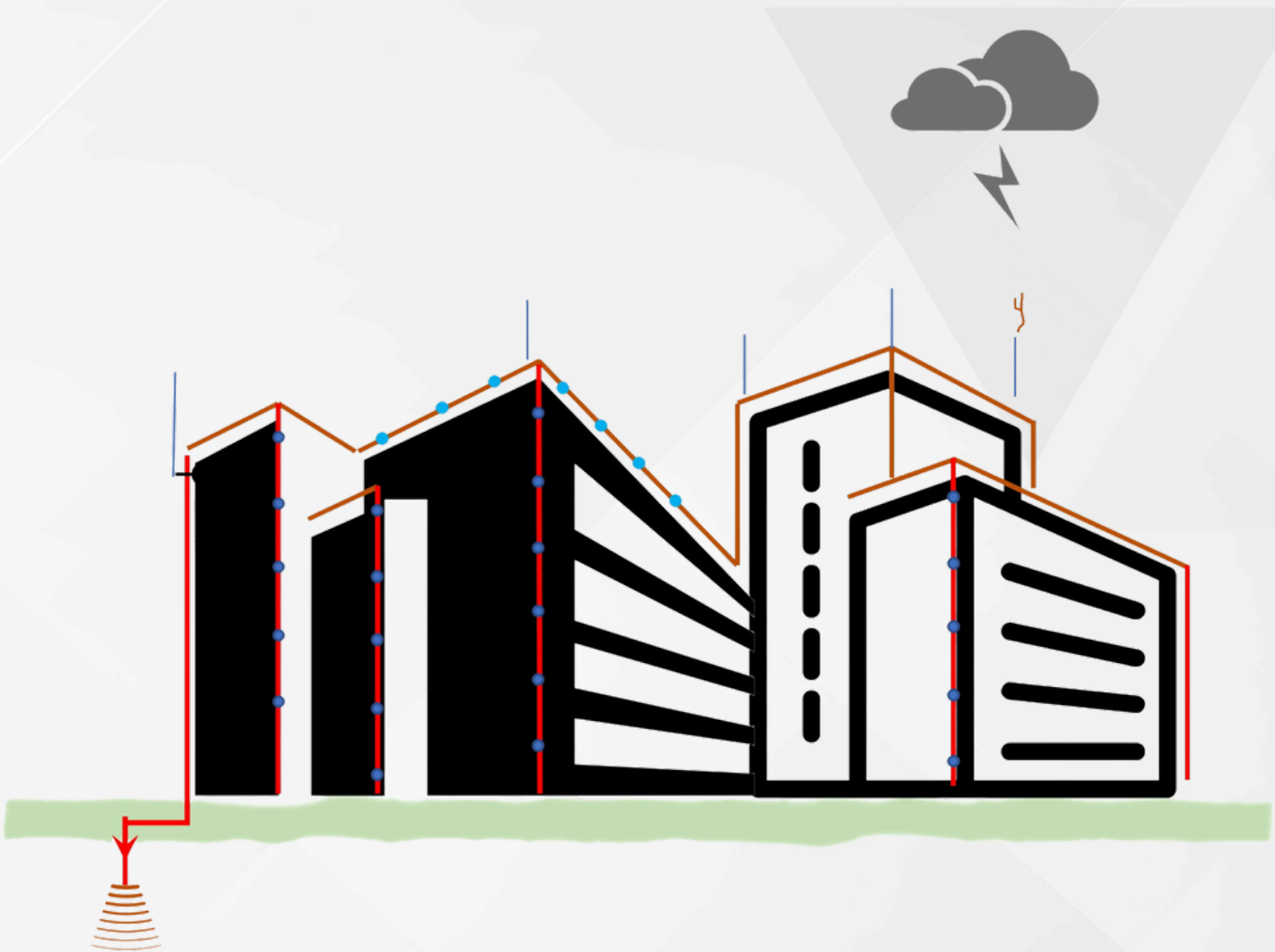
Rev. Date :

*Sales and Service Provider of ALLTEC USA / LSG FRANCE/ TEKSAI-INDIA, Lightning Arresters, Surge Arresters, Maintenance free Earthing*



# CATALOGUE

**LIGHTNING -SURGE PROTECTION  
EARTHING & BONDING**



## About us

We **ELSAFE PROTECTION AND CONTROL SYSTEMS** is a renowned company specialized towards enduring electrical safety cultures across a wide range of markets. We specialize in a total electrical safety model which includes Quality lightning protection system, surge protection system, low resistivity Chemical earthing.



## Our brands



### ALLTEC USA

ALLTEC USA is an international, full-service company specializing in customized design & engineering solutions for grounding/earthing & bonding, surge/transient protection, and lightning protection.

### LSG FRANCE

LSG is a specialist company, in the fields of lightning protection, electrical earthing and surge protection. which grow the business through dynamic technical orientation and exceptional customer service

### TEKSAI INDIA

TEKSAI is an ISO 9001-2023 certified company and a leading brand in India Since 2003 & Tekesai has proven itself leader in the Design, Manufacturing of Grounding System, Lightning Protection System & Electrical installation

## Our Certifications



**RDSO**

Research Design & Standards Organisation



## Our Products

**01****ESE LIGHTNING ARRESTERS****02****CONVENTIONAL LIGHTNING ARRESTERS****03****SURGE ARRESTERS****04****EARTHING RODS , ELECTRODES AND  
EARTH COMPOUNDS****05****COPPER/GI/ALUMINIUM STRIPS,  
CONDUCTORS, CABLES****06****EXOTHERMIC WELDING**

## Our services

**01****PRODUCT SALES**

Our Stock management and Our Supply chain management is well appointed and best managed to Provide best customer experience and timely completion of Orders.

**02****SITE VISIT & DESIGN**

Understanding of the Site design, layout and their plan for electrical safety implementation all enable us to contribute efficiently; ensuring total Protection and Solution level is achieved

**03****INSTALLATION**

Our installation crews and field technicians perform all forms of exterior earth grounding and internal equipment bonding and grounding, including comprehensive turnkey installation service. Employees participate in continuing education and advancement courses and are ALLTEC Certified Master Installers.

**04****TESTING AND SUPPORT**

Our field technicians and engineers perform 3-point fall of potential tests, 4-point soil resistivity tests, and clamp-on resistance tests of grounding systems, as well as complete facility site survey and consulting services. Our staff is equipped with the latest testing equipment. Extensive experience in ground testing and design



भारतीय प्रौद्योगिकी संस्थान हैदराबाद  
Indian Institute of Technology Hyderabad

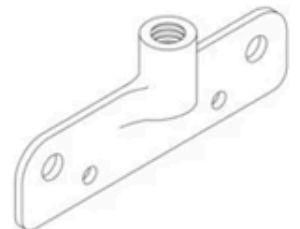
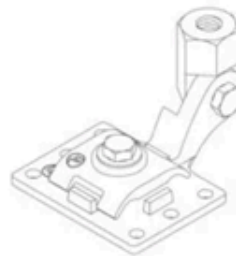
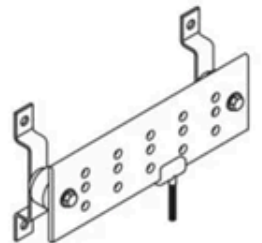
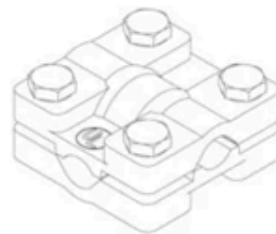
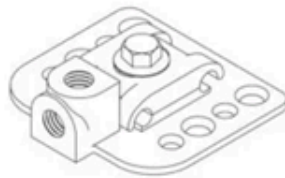




# ALLTEC

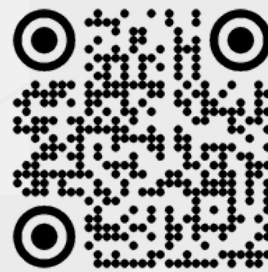


## CONVENTIONAL LIGHTNING PROTECTION





# ALLTEC



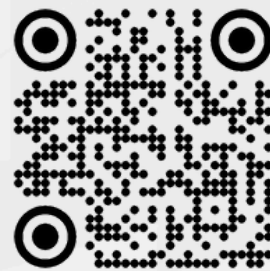
## ESE LIGHTNING PROTECTION







LSG PROTECT®



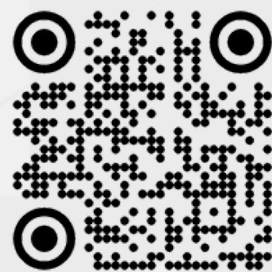
## SURGE PROTECTION DEVICES







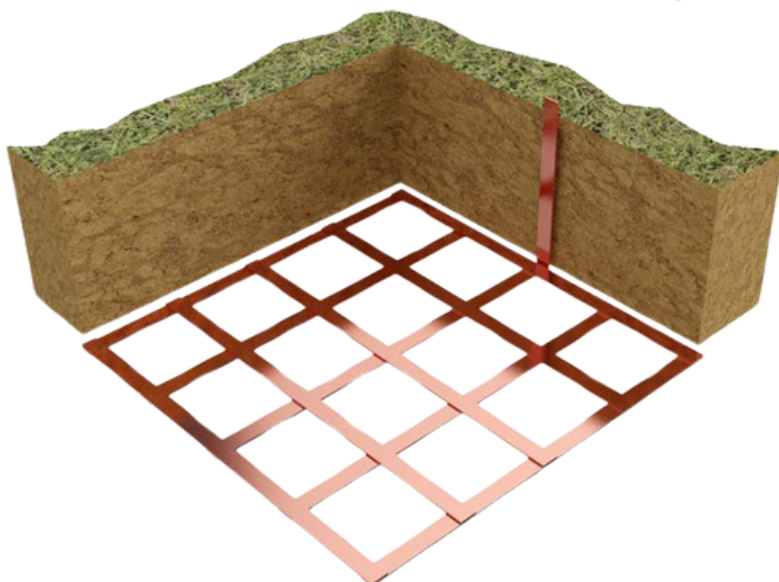
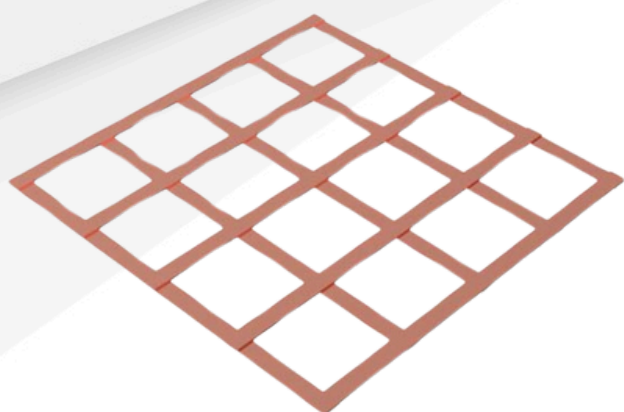
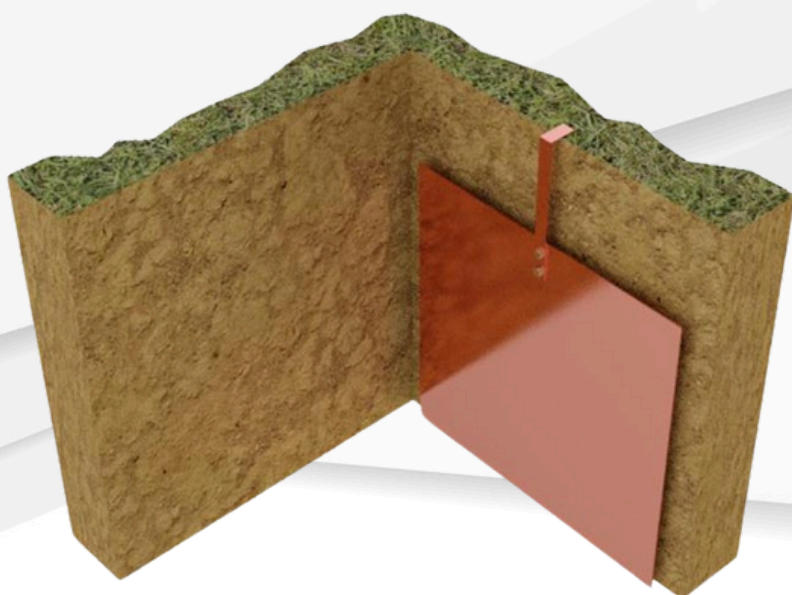
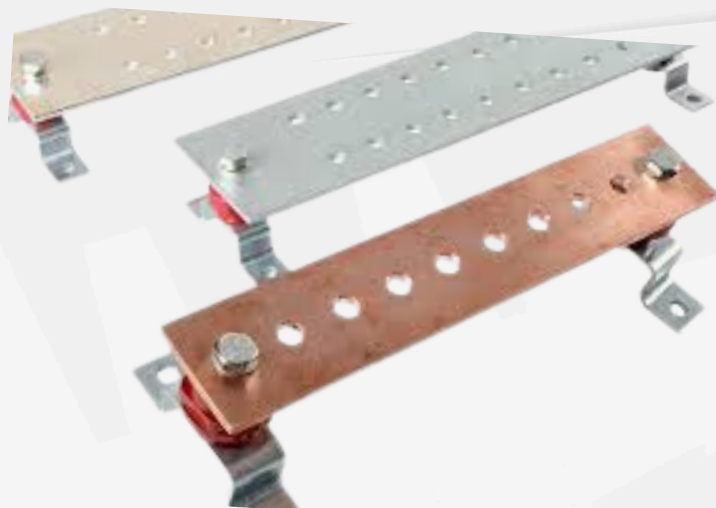
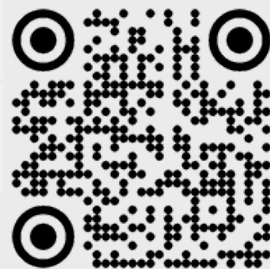
**LSG PROTECT<sup>®</sup>**



**ESE LIGHTNING PROTECTION**









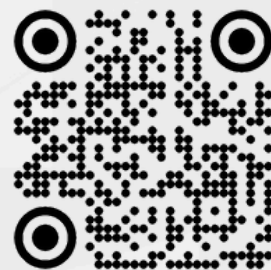


# EARTHING SOLUTIONS



# COPPER/GI/ALUMINIUM CONDUCTORS







# CONTACT



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