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ALLTEC® SOLUTION PROVIDERS FOR AN ENERGIZED WORLD™

Teksai

LSG PROTECT®

QUOTATION

Project Name: ALLTEC Ultimate Package
Quote #: 24OQALLTECP2
Company: Residential-Ultimate

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

Revision:
Terms: ***
Ship via: Land Cargo
C&F Landed
Weight: *** As applicable

TERRA STREAMER
Lightning Protection System
Make : ALLTEC, USA

Supply of External Lightning Protection System ALLTEC – Terra Streamer® ESEs are made of non-corrosive materials, utilize advance and sustainable technologies, maintain a 15-year replacement warranty, are independently tested certified to NFC 17102 and UNE 21186 standards. TerraStreamer® products complete the ALLTEC Protection Pyramid- protetion radius in Level IV 60 mtrs by capturing dangerous lightning discharges and safely channelling it to earth. All mouting 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 should be used to electrically isolate the panels, The lightning air terminal shall be maintenance free type & frequent testing should not be necessary for ensuring the working of it. The central finial shall be elevated above the spheroid and it should be sharp pointed & made-up of stainless steel material for long and reliable operations. An air gap shall be 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	Terrastreamer 20	ALLTEC USA Terrastreamer 20 Lightning Arrester with SS ADAPTOR	1	No	INR 90,000	INR 90,000
2	Earthing	Maintenance free Earthing For Lightning Arrestor: Using 2 no's of 2 Mtr long / 250 micron, 16mm Dia DOLPHIN UL Listed Copper bonded Steel Rod & TEKSO ELECTRON Fill , a low resistivity ,RoHS certified & Maintenance free Grounding Enhancement backfill Compound Model:-TEKSO ULTRA FILL(8Kg Bag 4No's) with tester clamp fixings As per ALLTEC USA Standards	1	Set	INR 12,000	INR 12,000
3	Elevation Mast	Specially designed 3 mtrs GI mast Setting , and 1 mtr FRP insulation mast Specially desiged As per ALLTEC USA Standards; 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	70 Sqmm **V Guard/Polycab** HRFR Insulated Copper Cable with tester cables for ESE Lightnig Arrester tester	25	Mtrs	INR 1,750	INR 43,750
5	Conductor for SPD	10 sq mm VGUARD insulated copper cable	5	Mtrs	INR 200	INR 1,000
6	Surge protection device	LSG Protect BC100 | LSP FLP 320 Imported 3 Phase 1+2 Combicontrol 100KA AC Surge protection device	1	No	Complementory	Complementory
7	Equipotential bonding Device	LSG PROTECT EQB50 , Lightning impulse current Limp 50KA 10/350, Imax 8/20 50KA, Protection against reverse path effect and equal distribution of lightning current to earth rods.	1	No	INR 14,000	INR 14,000
8	Lightning strike counter	LSG Protect 6 Digit lightning strike counter	1	No	INR 10,000	INR 10,000
9	Exothermic bonding	LSG Protect Knitweld Exothermic bonding for earthing connections, (exothermic bonding is a process for permanently joining copper, using a chemical reaction between a metal oxide and copper powder. The process generates intense heat through an exothermic oxidation-reduction reaction, producing molten metal that can fuse with reduces resistance by about 80% and the conductor and earthing becoming a single part.	2	SET	INR 4,000	INR 8,000
10	Fittings	COPPER LUGS, HDPE CLAMPS, BOLTS, SS SCREWS, FIXTURES, SEALENDS,waterproofing tapes, paint ETC	1	Set	INR 1,000	INR 1,000
11	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
					SUB TOTAL	INR 1,98,750.00
					SEASONAL SPECIAL DISCOUNT	INR (40,000)
					GRAND TOTAL	INR 1,58,750.00

Terms & Conditions

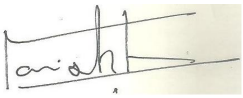
1 Price Landed at site

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

6583 3254

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Rev. No. :

Rev. Date :