

Government eProcurement System Created By: Chandan Kumar Created Date/Time: 29-May-2025 11:14 AM Tender Title: Provision of Lightning Protection System at Old Power House of M.B.B Airport Agartala. Tender ID: 2025_AAI_233141_1						
Tender Inviting Authority:						
Name of Work: Provision of Lightning Protection System at Old Power House of M.B.B. Airport, Agartala.						
Contract No:						
SCHEDULE OF WORK / ITEM(S)						
Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	SPRINT INTEGRATED SOLUTIONS PVT LTD (GSTN-NA) BID ID -849694	
					Rate	Amount
1.00	Supply, Installation, Testing and Commissioning of Single spike air termination rod, made of AlMgSi/StSt materials & tested as per IEC 62561. The air termination rod shall be fixed with necessary clamping arrangement.	9.00	Job		2373.00	21357.00
2.00	Roof Conductor for Parapet & Mesh : Supply, Installation, Testing and Commissioning of 8 mm dia, 50 sq. mm cross section, Roof conductor of material AlMgSi for air termination network at parapet and for making mesh at terrace level and tested as per the requirement of IEC 62561-2.	525.00	RM		138.00	72450.00
3.00	Supply, Installation, Testing and Commissioning of Parapet Conductor holder for holding of 8 mm dia. round conductor (for RCC roof). The conductor holder shall be mounted on plastic base support/clamp and meet the requirements of IEC 62561-4.It should be installed at every 1 mtr.	103.00	Job		279.00	28737.00
4.00	Supply, Installation, Testing and Commissioning of Mesh Conductor holder for holding of 8 mm dia. round conductor (for RCC roof). The conductor holder shall be fixed on plastic support weighed by concrete block. It should meet the requirements of IEC 62561-4 and should be installed at every 1 mtr.	210.00	Job		214.00	44940.00

L1 Amount	L1 Vendor
21357.00	SPRINT INTEGRATED SOLUTIONS PVT LTD
72450.00	SPRINT INTEGRATED SOLUTIONS PVT LTD
28737.00	SPRINT INTEGRATED SOLUTIONS PVT LTD
44940.00	SPRINT INTEGRATED SOLUTIONS PVT LTD

5.00	Supply, Installation, Testing and Commissioning of Roof conductor holder for holding 8 mm dia. round conductor (For metallic shed). The conductor holder should be installed at every 1 mtr. The conductor holder shall be made with SS Z type metal shed holder/suitable holder recommended by OEM & tested as per IEC 62561-4. The conductor holder shall be affixed to the metal shed using sufficient quantity of suitable good quality Adhesive (Glue) as per requirement through dispensing method. (Note: No drilling/puncturing/penetrating shall be allowed on metal shed for fixing holder)	200.00	Job
6.00	Supply, Installation, Testing and Commissioning of Stainless Steel Universal Connector for making straight, Tee & Cross joint of 8 mm dia aluminium Conductor to 8 mm dia aluminium conductor on parapet wall, roof and vertical facade of masonry / glass / metallic work.	96.00	Job
7.00	Down Conductor : Supply, Installation, Testing and Commissioning of 8 mm dia , 50 sq. mm cross section, Down conductor of material AlMgSi for air termination network at down wall and tested as per the requirement of IEC 62561-2.	100.00	RM
8.00	Supply, Installation, Testing and Commissioning of Down conductor holder for holding 8 mm dia. down conductor (For metallic shed). The conductor holder should be installed at every 1 mtr. The conductor holder shall be made with SS Z type metal shed holder/suitable holder recommended by OEM & tested as per IEC 62561-4. The conductor holder shall be affixed to the metal body using sufficient quantity of suitable good quality Adhesive (Glue) as per requirement through dispensing method. (Note: No drilling/puncturing/penetrating shall be allowed on metal body for fixing holder)	31.00	Job
9.00	Supply, Installation, Testing and Commissioning of Wall Conductor holder for holding 8 mm dia. Down conductor (for RCC wall). The conductor holder should be installed at every 1 mtr. The conductor holder shall be made with clamp mounted on plastic base support & as per IEC 62561-4.	69.00	Job
10.00	Supply, Installation, Testing and Commissioning of Expansion piece made of 8mm dia. aluminium & tested as per IEC 62561-1/2 along with suitable connecting accessory. It shall be installed at every 20 mtr to maintain the flexibility to the conductor due to temperature changes.	13.00	Job

575.00	115000.00
345.00	33120.00
245.00	24500.00
935.00	28985.00
342.00	23598.00
1582.00	20566.00

115000.00	SPRINT INTEGRATED SOLUTIONS PVT LTD
33120.00	SPRINT INTEGRATED SOLUTIONS PVT LTD
24500.00	SPRINT INTEGRATED SOLUTIONS PVT LTD
28985.00	SPRINT INTEGRATED SOLUTIONS PVT LTD
23598.00	SPRINT INTEGRATED SOLUTIONS PVT LTD
20566.00	SPRINT INTEGRATED SOLUTIONS PVT LTD

11.00	Supply, Installation, Testing and Commissioning of Stainless Steel Test Clamp to disconnect the down conductor from the earth termination network for regular checks of the earth termination resistance value. (with enclosure). It should be tested to meet the requirements of IEC 62561-1.	14.00	Job
12.00	Supply, Installation, Testing and Commissioning of Lightning Strike counter for potential free recording of the number and time (date of occurrence with time stamp) of discharge current. The Lightning Counter should be IP 68 rated enclosure suitable for external application and should have local Storage of event data and indication on the display with battery. It should meet the requirements of IEC 62561.	1.00	Job
13.00	Supply, Installation, Testing and Commissioning of Chemical Earthing termination made of Copper bonded rod with Low carbon steel, high tensile strength copper bonded rod with min 254 microns of copper plating, UL listed with company name marked on rod. Diameter- 14 - 18 mm, Length- 3 meters, Material- Copper Bonded, Coating thickness- 254 microns, min, Approvals- Tested acc. IEC / EN 62561-2, UL 467, 20 kg backfilled compound, - Material Carbon based backfill/earthing compound, Fulgurite formation test at direct lightning (10/350 μ s), lightning long duration test at- 100C No fulgurites/Pass, Environmentally Friendly ROHS certified, Resistivity- < 0.12 Ω M, Complying Standard- IEC 62561-7 , Testing Approvals Certified from NABL accredited Laboratories, StSt 316 grade clamp to terminate the load on earth electrode, Poly plastic pit cover of material- Polymer Body & Cover.	14.00	Job
14.00	Supply, Installation, Testing and Commissioning of 8-10 mm dia Copper Bonded Round Steel Conductor laid below 500 mm the ground, for use in Lightning protection and Earth Termination system etc. as required and tested to meet the requirements of IEC 62561-2.	200.00	RM

2358.00	33012.00
25472.00	25472.00
5943.00	83202.00
440.00	88000.00

33012.00	SPRINT INTEGRATE D SOLUTIONS PVT LTD
25472.00	SPRINT INTEGRATE D SOLUTIONS PVT LTD
83202.00	SPRINT INTEGRATE D SOLUTIONS PVT LTD
88000.00	SPRINT INTEGRATE D SOLUTIONS PVT LTD

15.00	Supply Installation Testing and Commissioning of 3Phase / Type 1+2 (KEMA Certified) Lightning current & Surge Protection Device at mains LT panel (3phase, 415V) for (L-N) Single- pole combined lightning current and surge arrester, Type 1 SPD. The device shall be non-exhausting metal encapsulated, spark gap based technology and tested as per latest and valid IEC 61643-11:2011 or EN 61643-11:2012 standards. It shall be capable to discharge Lightning current (10/350µs) of 25kA (L-N) and 100kA (N-E) and voltage protection level of device shall be ≤ 1.5 KV. The device shall have in built fuse for L-N. Follow current extinguishing capability [L-N] / [N-PE] : 100kArms / 100Arms. The device shall have built in fuse and operation of SPD shall be independent of Line current for L N SPD. The short circuit with stand capability of the device shall be 100KArms for L-N SPD. The device shall have mechanical indication for both the states (green for 'healthy' and red for failure) on L-N and N-PE. The device shall be certified by KEMA/VDE or NABL lab as per IEC 61643-11:2011 or EN 61643-11:2012 for testing of all parameter at 10/350 µs and 8/20 µs with transparent enclosure IP65 complete (as required at site).	5.00	Job
16.00	Supply Installation Testing and Commissioning of 100KA isolating spark gap according to IEC 62561-3:2011 (81/387/CDV) / EN625613 for lightning equipotential bonding according to IEC 62305-3, particularly for use in potentially explosive atmospheres upto zone 1 or 21 IEC Ex / ATEX certification (2014/34/EU) Ex marking according to IEC / EN60079: Gas II 2G Ex d IIC T6 IEC / EN61241: Dust II 2D Ex tD A21 IP67 T 80°C Lightning impulse current (10/350) : 100kA Class of lightning current carrying capability acc.to IEC 62561-3 : 2011 (81/387/CDV) / EN62561-3:H Nominal discharge current (8/20) : 1 00kA Rated impulse spark over voltage : ≤1.25kV Power frequency spark over voltage (50Hz) : ≤ 0.5kV Rated power frequency with stand voltage (50Hz) : ≤ 250V Rated discharge current (50Hz) : 500A / 0.2sec. (Tu < 45°C) Degree of protection: IP67 Enclosure: M10 x 25 screw and spring washer on both ends.	2.00	Job

28113.00	140565.00
28302.00	56604.00

140565.00	SPRINT INTEGRATE D SOLUTIONS PVT LTD
56604.00	SPRINT INTEGRATE D SOLUTIONS PVT LTD

Total in Figures

840108.00

Lowest Amount Quoted BY: SPRINT INTEGRATED SOLUTIONS PVT LTD(840108.00)