



भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India



संख्या: एएआई/एजीटी/इंजी(इ)/एलपीएस/का.आ.-07/2025-26

दिनांक/Date: 23/06/2025

No.: AAI/AGT/ENGG(E)/LPS/W.O-07/2025-26 / 88-92

सेवा में / To,

M/s Sprint Integrated Solutions Pvt. Ltd.,
F-205, Kshitij, Sector-95, Gurgaon,
Haryana - 122505
e-mail: infor@sprintint.in/sahdev@sprintint.in

कार्य का नाम/Name of Work: एम.बी.बी. एयरपोर्ट, अगरतला के पुराने पावर हाउस में तड़ित सुरक्षा प्रणाली का प्रावधान / Provision of Lightning Protection System at Old Power House of M.B.B. Airport, Agartala.

संदर्भ /Ref : Tender ID No./ निविदा संख्या - 2025_AAI_233141_1

महोदय/Dear Sir,

ऊपर उल्लेखित कार्य हेतु आपका निविदा, भारतीय विमानपत्तन प्राधिकरण के अध्यक्ष की ओर से, आपके द्वारा मद मूल्यों पर उद्धृत राशि कुल रु. **8,40,108/-** (आठ लाख चालीस हजार एक सौ आठ रुपये मात्र) (वस्तु एवं सेवा कर रहित), जो कि निविदा की अनुमान/उचित राशी रु. 15,21,300/- से 44.78% प्रतिशत नीचे है, स्वीकृत किया जाता है।

Your tender for the work mentioned above is hereby accepted on behalf of the Chairman, Airports Authority of India at the item rates quoted by you totaling to **Rs. 8,40,108/-** (Rupees Eight Lakhs Forty Thousand One Hundred and Eight only) (excluding GST), which is 44.78% below the Estimated/Justified cost put to tender of Rs. 15,21,300/-.

वरिष्ठ प्रबंधक (अभि-विद्युत), भा.वि.प्रा, एमबीबी हवाई अड्डा, अगरतला इस कार्य के प्रभारी-अभियंता होंगे। आपसे निवेदन है कि करारनामे पर हस्ताक्षर करने के लिए दिनांक 08-07-2025 तक एमबीबी हवाई अड्डा, अगरतला के कार्यालय में उपस्थित हों। ठेके का करारनामा रु. 100/- (रु. एक सौ) मात्र के गैर न्यायिक स्टैम्प पेपर पर निष्पादित किया जाएगा तथा पेपर का खर्च आपके द्वारा वहन किया जाएगा।

Sr. Manager (Engg-E), AAI, MBB Airport, Agartala shall be the Engineer-In-Charge of the work. You are requested to attend the office of the Sr. Manager (Engg-E), AAI, MBB Airport, Agartala by **08-07-2025** to sign and complete the agreement. The contract agreement shall be executed on a non-judicial stamp paper of value **Rs.100/-** (Rupees One hundred only) and the cost of the stamp paper shall be borne by you.

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आपके निविदा के साथ प्राप्त बयाना यशी रु. **45,639/-** (पैंतालीस हजार छह सौ उनतालीस रुपए मात्र) ठेके के दस्तावेज पर दी गई खण्ड 1(A) के अनुसार सुरक्षा जमा राशि परिवर्तित कर दी गई है। कृपया इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर सुरक्षा जमा राशि की बकाया रु. **38,372/-** (अड़तीस हजार तीन सौ बहत्तर रुपये मात्र) अदा की जाए अन्यथा निविदा दस्तावेज की जीसीसी के खण्ड 1(A) के अनुसार उक्त यशी आपके रनिंग बिल से कटौती की जाएगी।

The earnest money deposit amount of **Rs. 45,639/-** (Rupees Forty Five Thousand Six Hundred and Thirty-nine only) received along with your tender will be treated and converted as part of security deposit as per clause 1(A) of tender contract document. Please deposit **Rs. 38,372/-** (Rupees Thirty-eight Thousand Three Hundred and Seventy-two only) towards security deposit within 10 days from the date of issue of this letter, failing which the same will be deducted from your running bill as per clause 1(A) under GCC of the contract document

आपसे अनुरोध है कि आप संविदा श्रम (विनियमन एवं उन्मूलन) अधिनियम 1970 तथा संविदा श्रम (विनियमन एवं उन्मूलन) केन्द्रीय नियम 1971, न्यूनतम मजदूरी अधिनियम, बाल श्रम (निषेध एवं विनियमन) अधिनियम 1986, श्रमिकों का निर्माण (रोजगार का विनियमन एवं सेवा शर्त) अधिनियम 1996, भवन एवं अन्य निर्माण श्रमिक कल्याण उपकर अधिनियम 1996 के प्रावधानों का अनुपालन करें, जैसा कि निविदा की जी.सी.सी. की धारा 19 तथा केन्द्रीय एवं राज्य सरकारों के नियमों में निर्दिष्ट है।

You are requested to comply with the provisions of contract labour (Regulation and abolition) Act 1970 and Contract labour (Regulation and abolition) Central rules 1971, Minimum wages Act, Child labour (Prohibition & Regulation) Act 1986, Construction of workers (Regulation of Employment and Condition of Service) Act 1996, Building and other construction Workers Welfare Cess Act 1996 as specified in Clause 19 of GCC of tender and rules of Central and State Governments.

आपको निर्देश दिया जाता है कि आप तुरंत सहायक प्रबंधक (अभि-विद्युत), भा.वि.प्रा, एमबीबी हवाईअड्डा, अगरतला से सम्पर्क करें वह आपको साईट सौंपने की व्यवस्था करेंगे।

You are also directed to contact Asstt. Manager (Engg-E), AAI, MBB Airport, Agartala, immediately who will arrange to hand over the site to you.

कृपया ध्यान दें कि काम करने का अनुमत समय 03 (तीन) महीना है जो कि कार्य आदेश के जारी करने के बाद दस (10) वें दिन से गिना जाएगा।

Please note that the time allowed for carrying out the work is **03 (Three) months**, which shall be reckoned from 10th day after issue of this order.

दोष दायित्व अवधि कार्य पूरा होने और एएआई द्वारा प्रणाली को सौंपने और स्वीकार करने की तारीख से 12 महीने होगी।

The **Defect Liability Period shall be 12 months** from the date of completion of the work and handing over and acceptance of the system by AAI.

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इस ठेके के संबंध में आगे का कोई भी पत्राचार प्रभारी-अभियंता को किया जाएगा।

Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-charge.

कृपया पावती भेजें और स्वीकृति प्रतीक के तौर पर संलग्नित पत्र की हस्ताक्षरित प्रति इस कार्यालय को अवश्य भेजें।

Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after signing it to the undersigned as a token of acceptance.

यदि अंग्रेजी और हिंदी के बीच कोई विसंगति हो तो अंग्रेजी में व्युत्पन्न अर्थ को वरीयता दी जाएगी।

If there is any discrepancy between English and Hindi then meaning derived in English will be given precedence.

भवदीय/ Yours faithfully,

संलग्न/Encl: Bill of Quantities

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23/06/25

(चंदन कुमार/Chandan Kumar)

वरिष्ठ प्रबंधक (अभि-विद्युत)/Sr.Manager(Engg-E),
कृते तथा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से।

For and on behalf of Chairman,
Airports Authority of India.

SCHEDULE OF QUANTITY

Name of Work : Provision of Lightning Protection System at Old Power House of M.B.B. Airport, Agartala.

S.No	Description of Items	Qty	Unit	Rate (Excl. GST)	Amount
1	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	Job	2,373.00	21,357.00
2	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	RM	138.00	72,450.00
3	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	Job	279.00	28,737.00
4	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	Job	214.00	44,940.00
5	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	Job	575	1,15,000.00
6	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	Job	345.00	33,120.00
7	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	RM	245.00	24,500.00
8	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	Job	935.00	28,985.00

S.No	Description of Items	Qty	Unit	Rate (Excl. GST)	Amount
9	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	Job	342.00	23,598.00
10	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	Job	1,582.00	20,566.00
11	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	Job	2,358.00	33,012.00
12	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	Job	25,472.00	25,472.00
13	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	Job	5,943.00	83,202.00
14	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	RM	440.00	88,000.00

S.No	Description of Items	Qty	Unit	Rate (Excl. GST)	Amount
15	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	Job	28,113.00	1,40,565.00
16	Supply Installation Testing and Commissioning of 100KA isolating spark gap according to IEC 62561-3:2011 (81/387/CDV) / EN62561-3 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) : 100kA 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	Job	28,302.00	56,604.00

Total Rs. (Ecluding GST) ₹ 8,40,108.00

(Rupees in words:Eight Lakhs Forty Thousand One Hundred and Eight only)

Chandani
23/06/25
Sr. Manager (E-E)
AAI, M.B.B Airport, Agartala