

Distinctive projects. Consistent standards.

PROJECT REFERENCE CATALOGUE AND PROFESSIONAL EXPERIENCE

www.iebat.fr

2026 edition

Diverse projects. Consistent expertise.

A selection of projects reflecting our expertise and professional experience in electrical engineering.

Industry & HV	11 projects
Healthcare	2 projects
Public facilities	12 projects
Commercial & heritage	10 projects

COMBINED TOTAL PROJECT COST	ELECTRICAL WORKS
€344.95m	**€60.08m**

Our engineering approach

Audits, feasibility, design and sizing, specifications, tendering and technical presentations, contract award support (ACT), review of contractor design submissions (VISA), site supervision, visit reports, compliance checks and handover, according to the scope of each assignment.

Amounts: project costs and total electrical works, not broken down by discipline.

Safran Aircraft Engines – Gennevilliers – Upgrade of the HV/MV power supply

2026 / HV/MV / ENGINEERING



Role: Technical client advisory | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€20m	€16m

Electrical engineering services

Technical client advisory services for the overhaul of the industrial site's electrical supply infrastructure. Assessment of the 63 kV HV and MV installations, evaluation of power requirements and definition of the transformer, protection and control requirements.

Preparation of the technical brief, review of grid connection solutions and network migration principles, taking account of production continuity and future expansion.

Safran – Villaroche – Refurbishment of Building 12's MV infrastructure

2025/2026 / HV/MV / PROJECT



Role: Design & site supervision | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€23m	€5m

Electrical engineering services

Design and site supervision for the refurbishment of Building 12's electrical infrastructure. Design and sizing of the MV networks, definition of HV/MV interfaces, protection arrangements and equipment specifications.

Assessment of changeover scenarios and construction phasing to maintain the power supply to industrial installations throughout the infrastructure upgrade.

Safran – Montereau-sur-le-Jard – MTJ2028

2026 / Power / ELV / DESIGN STUDIES



Role: Electrical engineering | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€43m	€4.5m

Electrical engineering services

Power and ELV design studies for the MTJ2028 programme: power demand assessments by building, MV/LV architectures, normal and standby power distribution, and uninterruptible power networks.

Design of voice/data/image and security architectures, organisation of technical rooms and interbuilding connections. Assessment of the separation of IT and security UPS supplies and their interfaces with existing infrastructure.

Safran – Colombes/Gennevilliers site – Extension of Building B13

2026 / Power / ELV / ENGINEERING



Role: Technical client advisory | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€20m	€3.5m

Electrical engineering services

Technical client advisory services for the extension of Building B13. Definition of power and distribution requirements, integration of two 1,250 kVA transformers and adaptation of the P7 main LV switchboard.

Preparation of power and ELV specifications, definition of interfaces with the existing fire safety and supervisory systems, and technical assessment of design solutions against the industrial brief.

Safran – Colombes site – Extension of Building F

2026 / Power / ELV / ENGINEERING



Role: Technical client advisory | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€6m	€1.5m

Electrical engineering services

Technical client advisory services for the extension of Building F, comprising changing rooms, offices and collaborative spaces. Definition of electrical requirements and distribution and lighting principles.

Specifications for voice/data/image architectures, IT and telephone networks, and security systems. Review of connections to the existing infrastructure and of integration principles for the site's fire safety system.

Safran – Évry-Corbeil – Refurbishment of Buildings BM and B, Dent 6

2025/2026 / Power / ELV / PROJECT



Role: Design & site supervision | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€7m	€1.5m

Electrical engineering services

Assessment of the existing electrical infrastructure and design of power and ELV installations in Buildings BM and Dent 6. Definition of supplies, sizing of protective devices and organisation of electrical switchboards.

Building BM's architecture is based on an 800 A main LV switchboard; distribution in Building Dent 6 is organised by floor. Assessment of interfaces between retained networks and new installations.

Safran – Magny-les-Hameaux – Power supply to two FAN booths

2024/2025 / MV/LV / DESIGN STUDIES



Role: Design & site supervision | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€4.5m	€2m

Electrical engineering services

Feasibility and design studies for the power supply to two FAN booths. Comparative analysis of connection scenarios to the industrial infrastructure and assessment of two new MV/LV substations rated at 2,000 kVA each.

Sizing of the power infrastructure and review of available capacity, connection constraints, operational continuity and the network's capacity for future development.

Safran – Magny-les-Hameaux – P2 multistorey car park

2024/2025 / Power / ELV · EV charging / DESIGN STUDIES



Role: Design & site supervision | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€8m	€1m

Electrical engineering services

Design and sizing of power and ELV installations for a multistorey car park with approximately 600 spaces across four levels. Studies of distribution architectures, technical equipment supplies and lighting.

Definition of EV charging infrastructure, safety equipment and the interfaces required for the car park's operation and future development.

Safran – Chaudélec – Extension of Building KERO

2026 / Power / ELV / PROJECT



Role: Technical client advisory | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€1.5m	€500k

Electrical engineering services

Technical client advisory services for the extension of the KERO industrial workshop. Analysis of power requirements and specifications for the 400 A feeder, distribution to production equipment and electrical protection.

Definition of lighting and emergency stop requirements, review of equipment layouts and consideration of the safety constraints specific to the industrial environment.

Safran Nacelles – Pont-Audemer – Construction of Building 6

2025/2026 / Power / ELV / DESIGN STUDIES



Role: Technical client advisory | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€2.5m	€850k

Electrical engineering services

Technical client advisory services for the construction of Building 6 to expand industrial capacity. Definition of electrical requirements and interfaces with existing infrastructure.

Assessment of design solutions and technical assistance during construction, reviewing their suitability for production needs and the requirements of the brief.

Airbus Helicopters – Dugny – Car park security upgrade, phase 2

2026 / Power / ELV / PROJECT



Role: Design & construction supervision | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€1.5m	€600k

Electrical engineering services

Design and construction supervision for the car park security upgrade at the Dugny industrial site. Design studies for security systems, definition of access control interfaces and technical specifications.

Review of construction documents and verification that the installations comply with the project's requirements.

Brie-Comte-Robert – Hospital and nursing home project

2025/2026 / Power / ELV / PROJECT



Role: Design & site supervision | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€48m	€5m

Electrical engineering services

Design and sizing of the electrical infrastructure for a hospital and a nursing home: shared MV/LV substation, separate normal and standby supply architectures, generators, main and safety switchboards, and uninterruptible power networks.

Studies of voice/data/image, IT and telephone architectures, nurse call, access control, video surveillance, fire safety systems and EV charging, incorporating the hospital's service continuity requirements.

Robert Bisson Hospital – Lisieux

2025/2026 / Power / ELV / DESIGN STUDIES



Role: Design & site supervision | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€18m	€1.5m

Electrical engineering services

Design of power and ELV installations for an operational hospital. Studies of electrical distribution and interfaces with existing installations, taking account of the need to maintain hospital activity.

Design of the Category A fire safety system (SSI), voice/data/image, Wi-Fi and DECT infrastructure, nurse call, access control and video surveillance systems.

Arras – Bergaigne multistorey car park

2025/2026 / EV charging & PV / PROJECT



Role: Design & site supervision | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€16m	€1.2m

Electrical engineering services

Design and sizing of the multistorey car park's electrical installations: LV distribution, protective devices, lighting and supplies to technical equipment. Studies of access control, payment, video surveillance and fire safety architectures.

Assessment of an initial phase of 35 charging points and approximately 498 kWp of photovoltaic generation, integrated into the project's electrical infrastructure.

Noisy-le-Grand – BSPP fire station and 15 homes

2026 / Power / ELV · EV charging / PROJECT



Role: Design & site supervision | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€6m	€1m

Electrical engineering services

Design and site supervision of the electrical installations for a BSPP fire station and fifteen homes. Review of construction design and interfaces for power and ELV systems, lighting, fire safety, video surveillance and EV charging.

Technical supervision of the works, identification of departures from contract specifications, and verification that electrical provisions meet the needs of the operational and residential premises.

Savigny-sur-Orge – Construction of a 60-place nursery

2025/2026 / Power / ELV / DESIGN STUDIES



Role: Design & site supervision | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€1.5m	€500k

Electrical engineering services

Design and sizing of power and ELV installations for a 60-place nursery: an estimated power demand of 95 kVA, distribution from a single main LV switchboard and lighting studies.

Studies of voice/data/image infrastructure, security systems, fire safety, the emergency safety plan (PPMS) system and building management. Coordination of equipment layouts and routes with the architectural design and early childhood uses.

La Chapelle-Saint-Mesmin – Construction of an early childhood centre

2025/2026 / Power / ELV / PROJECT



Role: Design & site supervision | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€1.5m	€500k

Electrical engineering services

Design of electrical installations for an early childhood centre: power and ELV distribution architectures, communication networks and safety equipment suited to the building's uses.

Preparation of tender specifications, review of construction design and technical supervision of delivery against the project's requirements.

La Garenne-Colombes – Refurbishment of the René Guest school complex

2024/2026 / Power / ELV / PROJECT



Role: Design & site supervision | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€7m	€850k

Electrical engineering services

Power and ELV design and site supervision for the refurbishment of the René Guest school complex. Review and approval of construction design, technical supervision of the works, and checks on electrical switchboards, voice/data/image networks and emergency lighting.

Verification of the installations against contract specifications, pre-handover inspections and monitoring of outstanding items.

Saint-Michel-sur-Orge – Construction of a gymnastics hall

2025/2026 / Power / ELV / PROJECT



Role: Design & site supervision | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€6m	€1.5m

Electrical engineering services

Design and site supervision of power and ELV installations for a gymnastics hall. Assessment of electrical solutions against the functional needs and the requirements of the sports facility brief.

Support with contractor tendering, review of technical proposals and price breakdowns, and technical and economic evaluation of bids.

Lognes – Sports hall

2025/2026 / Power / ELV · Fire safety / PROJECT



Role: Design & site supervision | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€1m	€350k

Electrical engineering services

Design and sizing of power and ELV installations for a sports hall: power demand assessments, distribution architectures, switchboards, protective devices, submetering, and fire safety/smoke extraction interfaces.

Preparation of design documents and technical specifications, support with tendering, review and approval of construction design, technical supervision of the works and assistance with handover.

Le Pecq – Refurbishment of the Le Quai 3 performance venue

2022/2025 / Power / ELV / PROJECT



Role: Design & site supervision | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€9m	€1.5m

Electrical engineering services

Power, ELV and fire safety design and site supervision for the refurbishment of the Le Quai 3 performance venue. Technical supervision of construction and coordination of interfaces between trades, particularly those related to safety upgrades in this public-access building.

Review of design studies and tests, examination of as-built documentation and handover inspections against the project's technical requirements.

Villiers-le-Bâcle – Foujita House and Studio

2026 / Power / ELV · Fire safety · Security / PROJECT



Role: Design & site supervision | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€1m	€150k

Electrical engineering services

Design of the electrical refurbishment of the Foujita House and Studio: replacement of the main switchboard, upgrades to protective devices and earthing, and adaptation of cable routes to the heritage setting.

Studies of lighting, fire alarm, voice/data/image infrastructure and video surveillance. Definition of discreet integration arrangements that respect the historic fabric.

Marseille – Reuse centre

2025/2026 / Power / ELV · BMS · PV / DESIGN STUDIES



Role: Design & site supervision | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€2.5m	€350k

Electrical engineering services

Design of electrical installations for a reuse centre: power and ELV architectures, distribution, lighting, fire safety and security systems.

Building management and photovoltaic integration studies, and preparation of technical specifications suited to reuse activities and the building's operating conditions.

L’Haÿ-les-Roses — School complex, sports facilities and public car park

2022–2026 / Power / ELV / DESIGN AND BUILD



Role: Design & site supervision | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€44m	€2.5m

Electrical engineering services

Power and ELV design for a public complex of approximately 14,000 m² comprising a 25-class school complex, a leisure centre, three sports halls and a 200-space car park.

Studies of electrical distribution architectures, lighting for school and sports spaces, communication networks and safety equipment suited to the different uses.

Dammartin-en-Goële – School complex – Power and ELV package

2024/2026 / Power / ELV / PROJECT



Role: Design & site supervision | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€2.5m	€450k

Electrical engineering services

Design and site supervision of the school complex's power and ELV package. Electrical refurbishment and lighting studies, review and approval of construction documents and technical supervision of the works.

Verification of switchboards, cable routes and electrical interfaces, identification of departures from contract specifications, and checks on installation arrangements.

Banque de France – Tours – Fit-out of the Saint-Gatien site

2025 / Power / ELV / PROJECT



Role: Design & site supervision | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€1.5m	€500k

Electrical engineering services

Design of electrical installations for 1,160 m² of offices across four levels. Power demand assessments and definition of power and ELV architectures, communication infrastructure, fire safety and security systems.

Preparation of technical drawings, tender specifications and the works cost estimate for the fit-out of the Saint-Gatien site.

Banque de France – Cergy – Branch

2025 / Power / ELV / PROJECT



Role: Design & site supervision | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€1.3m	€450k

Electrical engineering services

Design and site supervision of the electrical works for a bank branch fit-out. Preparation of technical documents and review of the construction design for power, ELV and fire safety systems.

Verification of calculations, distribution and switchboard diagrams, checks on technical provisions against contract specifications, and pre-handover inspections.

Banque de France – Évry – Branch refurbishment

2025 / Power / ELV / PROJECT



Role: Design & site supervision | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€1m	€350k

Electrical engineering services

Design and site supervision of the electrical installations for the branch refurbishment. Review of power and ELV construction design, distribution and switchboard diagrams, calculations and lighting studies.

Coordination of modifications during construction, verification of the installed arrangements and pre-handover checks.

Arc de Seine – Paris

2025/2026 / Power / ELV / PROJECT



Role: Design & site supervision | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€29m	€2m

Electrical engineering services

Design and site supervision of the electrical installations for a commercial building complex. Examination of the completed power and ELV works and verification of compliance with specifications at handover.

Identification of discrepancies and remedial works required to make the spaces available, as part of the handover process.

SNCF – Annecy

2025/2026 / Power / ELV / PROJECT



Role: Design & site supervision | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€1m	€250k

Electrical engineering services

Design of power and ELV installations for the Annecy railway site. Studies of distribution principles, cable routes and connections to existing installations.

Preparation of tender specifications and coordination of modular building layouts with the site's electrical interfaces.

SNCF – Toulouse Raynal

2025/2026 / Power / ELV / PROJECT



Role: Design & site supervision | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€1m	€250k

Electrical engineering services

Design and site supervision of power and ELV installations for the Toulouse Raynal railway site. Review and approval of construction design and examination of electrical interfaces with the project's infrastructure.

Verification that the implemented solutions comply with technical specifications and identification of discrepancies requiring adaptation.

Saint-Cyr-l’École – Les Folies, Fontaine Saint-Martin district

2022/2026 / Power / ELV / PROJECT



Role: Design & site supervision | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€1.2m	€300k

Electrical engineering services

Power and ELV design and site supervision for a programme to build and remodel 60 homes. Inspection of electrical installations in the homes and common areas, and review of contractors' self-inspection records.

Pre-handover inspections, identification of discrepancies and monitoring of outstanding electrical installation items.

Saint-Cyr-l’École – Geldrop residential development

2022/2026 / Power / ELV / PROJECT



Role: Design & site supervision | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€1.2m	€300k

Electrical engineering services

Design and site supervision of power and ELV installations for a residential development. Review of layout and lighting studies for service rooms, the caretaker's office and early childhood spaces.

Coordination of the programme's technical interfaces and verification that electrical provisions are suited to the uses of the different spaces.

Chartres – Senior living residence

2025 / Power / ELV / PROJECT



Role: Design & site supervision | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€6m	€1.25m

Electrical engineering services

Electrical distribution studies for a senior living residence. Organisation of distribution infrastructure in electrical risers and definition of principles for separating power and fire safety networks.

Coordination of cable routes and service openings with the building's architectural constraints.

Coulommiers – Fit-out of restaurant premises

2025 / Power / ELV / PROJECT



Role: Design & site supervision | Design & build

TOTAL PROJECT COST	ELECTRICAL WORKS
€750k	€130k

Electrical engineering services

Assessment of the power supply to restaurant premises. Analysis of available power and of the suitability of the connection and existing installations for the equipment's needs.

Study of distribution modifications and definition of the technical requirements for integrating and commissioning the new equipment.

I.E.BAT



Design with precision.
Support with exacting standards.

www.iebat.fr

contact@iebat.fr
Building electrical engineering