



**TECHNICAL SOLUTIONS  
AND CONSULTING SERVICES**

that address the most complex  
challenges facing this vital industry.

## We are a company specializing in electrical and energy engineering solutions.

through the provision of comprehensive services in auditing, consulting, design, research, and project development with a focus on environmental sustainability. We are positioned as a leader in the sector thanks to the technical and consulting solutions we offer, which address the most complex challenges facing this vital industry.

### Certifications

We comply with and are certified under the following standards:

ISO 9001:2015. Quality Management System

ISO 14001:2015. Environmental Management System

ISO 45001:2018. Occupational Health and Safety Management System in the provision of auditing services to public services.

### Our portfolio of solutions

The portfolio of comprehensive solutions in the field of electrical engineering and energy solutions that we present below stands out for being in line not only with the highest quality standards, in accordance with the rigorous regulations established in each sector, but also for being focused on environmental sustainability.



**+93,000**

Light bulbs

**+4,000**

Traffic lights  
installed

**+500**

Surveillance  
cameras

**+800**

SLA Satisfaction

**8**

Soundproof video  
conferencing  
booths



## Project Supervision & Inspection

We boast a team of experts in electrical, electronic, civil, mechanical, and environmental engineering who supervise and evaluate the execution of electrical projects. We ensure full compliance with technical standards and current regulations. The company acts as an independent entity to guarantee quality and safety throughout project implementation.



## Technical Consulting

We provide specialized consulting in electrical and power engineering. Our services include electrical system planning, equipment selection, energy efficiency optimization, and strategic recommendations for the adoption of innovative technologies.



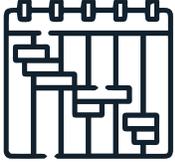
## Project Design

We are distinguished by our capacity to design electrical projects of varying scale and complexity. From electrical infrastructure for buildings to industrial power grids, the company creates customized solutions that prioritize both functionality and safety.



## Technical Studies

We develop comprehensive feasibility, environmental impact, and economic viability studies to assess the implementation of energy projects. These analyses provide clients with a solid foundation for informed decision-making.



## Project Development

We are actively involved in the comprehensive development of electrical projects, from conception to execution. This includes coordinating multidisciplinary teams, managing resources, and overseeing project milestones.



## Technical, Administrative, Financial, Legal, and Environmental Oversight of Public Lighting Contracts

We offer comprehensive auditing services for contracts related to public lighting. Our team of experts supervises all technical, administrative, financial, legal, and environmental aspects of public lighting projects. We ensure that the implementation of public lighting complies with the technical standards, legal regulations, financial requirements, and environmental aspects necessary for safe and efficient operation.



## Technical, Administrative, Financial, Legal, and Environmental Oversight of Urban Furnishing Contracts for Traffic Lights and CCTV

We participate in urban furnishing projects involving traffic light and closed-circuit television (CCTV) components. Our team ensures that the installation and operation of traffic light and CCTV systems comply with technical, administrative, financial, legal, and environmental requirements, thereby contributing to the safety and efficiency of the urban environment.



## Technical, Financial, and Legal Studies for the Provision of Public Lighting Services

We conduct comprehensive studies that evaluate the technical, financial, and legal aspects related to the provision of public lighting services. These studies provide a solid basis for informed decision-making by clients, enabling them to optimize service quality and ensure regulatory compliance.



### **Audit of the Public Lighting System in Technical, Legal, Financial, Environmental, and Energy Supply, Billing, and Collection Aspects**

We offer comprehensive auditing services for public lighting systems, covering technical, legal, financial, and environmental aspects. In addition, we evaluate energy supply, billing, and collection to ensure transparency, efficiency, and regulatory compliance at all stages of the process.



### **Technical Reference Studies Aligned with the Provisions of Decree 943 of 2018**

We specialize in conducting Technical Reference Studies (ETR) in accordance with the regulations established in Decree 943 of 2018. These studies are essential to ensure the safety and efficiency of public lighting projects, complying with the standards established by the competent authorities.



### **Energy Audits in Public Facilities under Law 1955 of 2019**

As part of our commitment to energy efficiency, we conduct energy audits in public facilities in accordance with Law 1955 of 2019. These audits identify opportunities to improve energy consumption efficiency and reduce costs, contributing to sustainability and the fulfillment of environmental objectives.

# Our experience

Over the years, we have demonstrated our ability to overcome technical and regulatory challenges and deliver outstanding results in audits and benchmark studies. Our experience and skills come together to create comprehensive solutions that meet our clients' expectations and contribute to the continuous improvement of efficiency and sustainability in the energy sector.

## Barranquilla, Atlantic



**Purpose:** Consulting contract for the supervision of the concession contract for the design, construction, installation, maintenance, and operation of urban furniture in the district of Barranquilla and its components in the traffic light system.

**Contract Period:** 2000 - Current

## Guaduas, Cundinamarca



**Purpose:** Technical, administrative, and financial oversight of public lighting in the municipality of Guaduas, Cundinamarca.

**Contract Period:** 2023 - Current

## Sincélejo, Sucre



**Purpose:** Technical, administrative, and financial oversight of public lighting in the municipality of Sincé, Sucre.

**Contract Period:** 2005 - Current

# Our experience

## Valledupar, Cesar



**Purpose:** Special audit of the public lighting system, agreement number AP-002-99, power supply, billing and collection, the audit contract, and the trust agreement in which public lighting funds are deposited.

**Contract Period:** 2005 – 2006

## Santamarta, Magdalena



**Purpose:** Partner responsible for the administration, operation, and maintenance of the public lighting system.

**Contract Period:** 2019 - Current

## Barranquilla, Atlantico



**Purpose:** Western Region supervision of Electricaribe S.A. E.S.P. operational processes, executed by partner companies for the distribution and commercialization of electric power.

**Contract Period:** 2017-2019

## Barranquilla, Atlantico



**Purpose:** Technical supervision services for electrical normalization projects (PRONE).

**Contract Period:** 2015-2020

# Our experience

## Santiago de Cali



**Purpose:** Technical, legal, administrative, and budgetary supervision of the traffic signalization contract, covering preventive and corrective maintenance of traffic signal infrastructure.

**Contract period:** 2013 - 2014

## Santamarta, Magdalena



**Purpose:** Executing partner for the administration, operation, and maintenance of the public lighting system.

**Contract period:** 2019 - Current

## Military Hospital



**Purpose:** Technical, administrative, financial, legal, and social supervision of the project for the supply, installation, and commissioning of the CCTV surveillance, security, and control system in the municipalities of Aguachica, Agustín Codazzi, Bosconia, Curumaní, La Paz, and Pelaya (Cesar Department).

**Contract period:** 2017-2019

## Barranquilla, Atlantic



**Purpose:** Technical, administrative, and financial auditing of the Public Lighting system of the District of Barranquilla.

**Contract period:** 2000-2016



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Connecting knowledge and experience to  
transform energy.