### horizontal line**Electrical Engineer Scope of Work**

#### **1. Project Overview**

* **Project Name**: [Insert Project Name]
* **Location**: [Insert Location]
* **Client Name**: [Insert Client Name]
* **Engineering Purpose**: [Design, Analysis, Installation, Testing]

#### **2. Objectives**

* Design and oversee electrical systems for functionality, safety, and compliance.
* Ensure efficiency and sustainability in electrical operations.

#### **3. Scope of Work**

* **3.1. Design and Development**:
  + Develop electrical schematics and load calculations.
  + Create detailed designs for power distribution, lighting, and HVAC systems.
* **3.2. Installation Oversight**:
  + Supervise the installation of electrical systems and equipment.
  + Ensure adherence to the approved designs and specifications.
* **3.3. Testing and Commissioning**:
  + Perform and oversee system testing for functionality and safety.
  + Certify installations as per regulatory standards.
* **3.4. Maintenance and Troubleshooting**:
  + Provide post-installation support and troubleshooting.
  + Recommend system upgrades and improvements.

#### **4. Deliverables**

* Design drawings and schematics.
* Load calculation reports.
* Test and certification documents.

#### **5. Standards and Codes**

* NEC, IEC, and applicable local codes.

#### **6. Exclusions**

* Procurement of materials and equipment.

#### **7. Timelines**

* Provide milestones for design, installation, and commissioning.