

# JIAOYANG STEEL STRUCTURE FACTORY CONSTRUCTION PROJECT DOCUMENTS

## I. Project Overview

**Project Name:** Jiaoyang Steel Structure Factory Construction Project Documents

**Total Investment:** USD 1 million (Including equipment procurement, civil engineering, etc.)

**Geographical Location:** Msufini Mlandizi Kibaha Pwani Tanzania.

**Capacity Targets:** 10,000 tons of wire rod are used every year to produce Wire Mesh, Binding Wire, Monkey Wire.

## II. Current Construction Progress

### a. Civil Engineering

**Plant Main Structure:** The steel structure construction has been completed 3000 SQM, We are preparing to build another 5,000 SQM steel structure factory building.

**Supporting Facilities:** Transformer(100%), Raw material warehouse(100%), Office(100%)

**Foundation Treatment:** By optimizing the site selection to avoid sandy layers, foundation costs have been reduced by 30%

### b. Equipment Installation

**Production Line:** Wire Mesh production line the first batch of equipment has completed debugging (100% progress), Including wire drawing, straightening, welding, packaging, etc.

The production line for Binding Wire and monkey wire is already under preparation and will be put into production this year.

### c. Investment Execution

| Index                            | Planned | Actual | Deviation rate |
|----------------------------------|---------|--------|----------------|
| Total investment completion rate | 83%     | 76%    | -7%            |
| Equipment procurement rate       | 90%     | 85%    | -5%            |

### **III. Existing Problems and Countermeasures**

#### **a. Technical Difficulties**

There is no electrical drawings for the commissioning of new equipment, The equipment manufacturer has been requested to arrange professionals to assist in debugging and installing the equipment.

#### **b. Resource Shortages**

Shortage of skilled operators, efforts are being made to jointly conduct targeted training with Equipment manufacturers.

### **IV. Next-Stage Plans (July- September 2025 )**

#### **a. Milestone Nodes**

- ° July 30: Completed a new workshop of 5,000 square meters
- ° August 25: The production line for Binding Wire and Monkey Wire is debugging completed
- ° September 1: Submit the first batch of samples for inspection and initiate trial production.

#### **b. Resource Allocation**

- ° Additional deployment of electrical engineers to ensure efficient equipment debugging
- ° Preparation of emergency funds of 20,000 USD to cope with fluctuations in raw material prices.