July 16th, 2021

**Location:** Bogotá, Colombia

**Position Type:** Full – time (remote work)

**Work Schedule:** M-F 8:00am – 6:00pm

**Structural/Civil Engineer**

SDI Systems is looking for a Structural/Civil Engineer to develop and assist in drawings for structural, installation, construction, permit, etc. Eventually design of steel structure’s support for conveyor and platforms. This position will report to the Structural Engineering Lead and will participate actively in US/Latam projects.

# Role and Responsibilities

These responsibilities include but are not limited to:

* Model and analyze of structures using AutoCAD or RISA.
* Work with a team of engineers, designers, and drafters from different locations in designing of Steel Structure and Supports.
* Assist in preparation of construction documents.
* Provide 3D modeling with structural component information from the shop drawings and bill of materials.
* Apply detailing of structural framing systems for both new and modified structures.
* Perform work with other disciplines.
* Apply development design criteria for structural work.
* Perform concept development of structural systems.
* Estimate construction quantity needed.
* Communicate effectively among customers and other engineers.
* Improve continuously through feedback.

# Qualifications and Education Requirements

* Bilingual (English – Spanish)
* A Bachelor's degree in Civil or Structural Engineering is required
* 1 year or above of experience focused on the fabrication of Structural Steel and Construction preferred

# Winning Behaviors, competencies, skills

* Strong knowledge of building design codes. Experience and knowledge of US standards a plus
* Strong understanding of structural construction, general and detail drawings, fabrication drawings, and bill of materials
* Excellent written and verbal communication skills are a must. Highly efficient in reading and understanding specifications.
* Excellent time-management skills to meet promised schedules and attention to detail are a must.
* Strong work ethic
* Capable of working on multi-faceted engineering design projects of any magnitude while requiring minimum supervision.
* Strong computer skills in Excel, Word, Autodesk Cad, Autodesk Inventor, Risa, Enercalc,
* Team player and able to get along with co-workers.
* Must be flexible with work scheduling.

# Salary range

3.000.000 COP – 3.500.000 COP