

FLATWORLD CREATED BILL OF QUANTITY FOR A CONSTRUCTION CONTRACTOR



The Client

The client is based in Mexico (Chihuahua) and is a leading general design firm. They have been involved in all phases of the construction process for over 600 buildings. The client provides specialized services for commercial, institutional, and industrial properties. They have a reputation for delivering results that are on-time and cost-effective.

Challenges Faced by the Client

The client needed a bill of quantity (BoQ or BQ) as an integral step in completing a proposed building extension. They also wanted help in understanding contract terms and meeting global standards and codes for construction. The project involved a requirement for a material take off (MTO) to aid in analyzing excavation, concrete work, masonry, and other critical tasks. The client provided drawings of the current building and the proposed addition.

The project included two special challenges -

- + BoQ and MTO needed to comply with Construction Specifications Institute (CSI) guidelines
- + Building drawings were primarily written in Spanish

FWS' Solution

After carefully analyzing the requirements of the client, the Flatworld Solutions structural and civil engineering specialists devised the following cost-effective solution -

- + The project included a team leader, two drafting specialists and several expert translators
- + Language translation requirements were addressed and resolved during the initial stage of the project. This involved professional translators and a comprehensive communication strategy to involve the client and discuss terminology and other drawing details before proceeding
- + The final BoQ assignment results were delivered to the client within five business days

The Results

Flatworld Solutions is now partnering with the client on multiple outsourcing assignments. This project illustrates a combination of several components that are often present in international construction projects. Accurate cost estimation requires a complex mix of BoQ and MTO skills as well as expertise encompassing global compliance with CSI formats and ISO quality standards. The capability to swiftly complete work involving multiple languages is increasingly a mandatory requirement for many business projects.

Choose Flatworld Solutions for Efficient Bill of Quantity Services

Flatworld Solutions has been a leading provider of the bill of quantity services and a plethora of other [structural engineering services](#) to global clients. The Flatworld Solutions team provides one of the few one-stop sources for addressing these complex business challenges. Our expert team of structural engineers has almost two decades of experience in working with international clients ranging from individual entrepreneurs to Fortune 1000 enterprises.

[Get in touch](#) with us to see how we can help you with timely and cost-effective strategies for improving management of material, time, and resources.