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Company's name: *Construction's Team.*

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Construction's Team

1. Introduction

Good morning, my name is Agustin Boladeras. I am 34 years old and I am Argentinian. I was born in Hasenkamp - Entre Ríos but I live in Paraná. I am a civil engineer, graduated from UTN FRP. I work with my partner whose name is Gonzalo Almeida. He is Argentinian and he is 33 years old. Mr. Almeida was born in Paraná - Entre Ríos and he lives there. He is a civil engineer like me and he also graduated from UTN FRP.

We work for a construction company which is in the civil works, roads and architecture business. The company's name is Construction's Team. We provide technical solvency and latest generation equipment. Within the company, I am the project engineer and my partner Mr. Almeida is the engineer in charge of all construction calculations. We currently have 4 branches throughout the country, located respectively in Paraná, Santa Fe, Córdoba and Buenos Aires. The main office is located at 569 Alameda Street, Paraná. Our email address is Construction'sTeam@gmail.com.

The problem we want to address is the scarce summer tourism in Thompson Beach. We propose, as a construction company, the creation of a drive-in cinema. Here people can access with their vehicle and watch a movie. This is our idea to increase summer tourism on this place.

Well, we have organized the presentation this way. First, we are going to speak about our Company Description, such as our Markets and Services and the location of our branch offices. Second, we are going to continue with the description of our Company Organization. After that, our Company History is the next part of this presentation; we are going to detail everything. Then, we are going to give you a tour round this famous landmark and you will see some photos. When we finish that, we are going to talk about the Problem Statement where we will show you some photos. We are going to finish this presentation speaking about the Project Description that consists of three simple points.

2. Company Description

2.1. Markets and Services

Ok. Let's begin with the description of our company, in the section of markets and services.

Our company "Construction's Team" is in the construction business. It provides engineering and architecture services of a high level of quality and reliability. It guarantees proper fulfillment of our commitments on time. As we mentioned before, our Company offers its services in 4 geographical areas of Argentina. Which are Paraná, Santa Fe, Cordoba and Buenos Aires. It offers the design, construction and maintenance of civil works. We provide solutions to all kinds of professional and private projects.

The design tasks include:
- *Doing the drafting of projects.*
- *Giving specific advice.*

The construction tasks include carrying out activities connected with:
- *Civil work.*
- *Building.*
- *Restoration.*

The maintenance tasks include:
- *Conservation of Equipment and Facilities.*
- *Preventive Maintenance.*
- *Conservation of Real Estate.*

In these pictures we will show you 2 works that were carried out by our company:

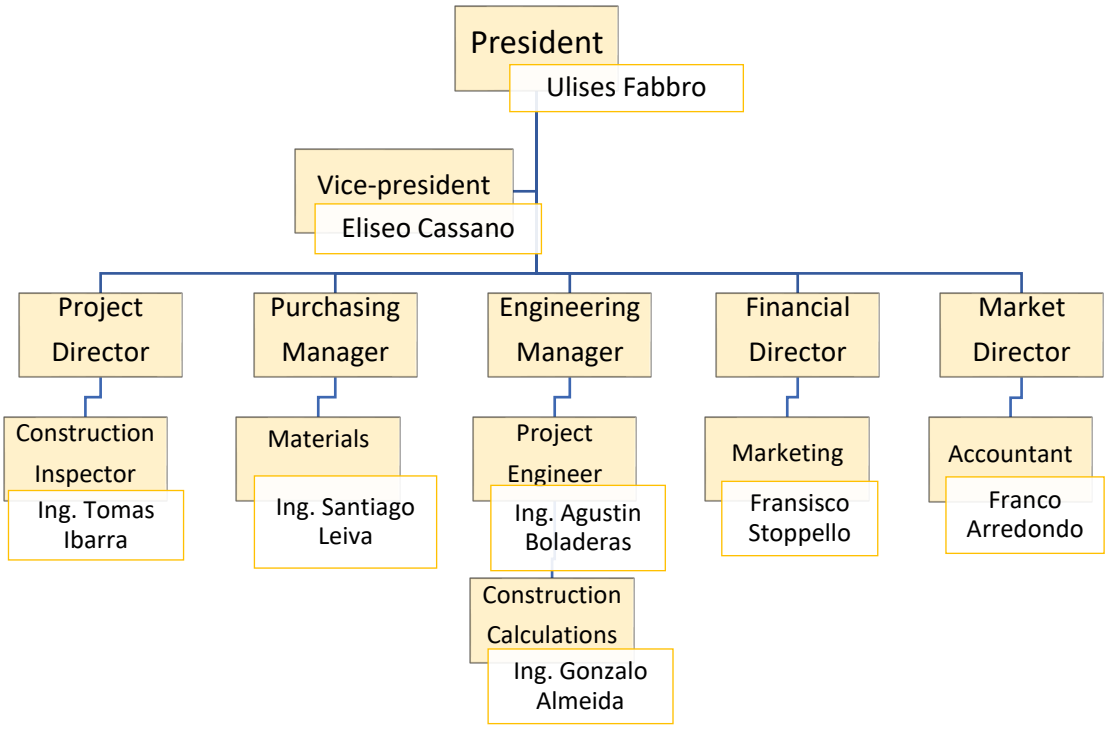
This is a photo of the construction of a loose materials dam to regulate flooding in the province of Buenos Aires. You can see last generation machines, the work of excavation and compaction of the land. In this photo, there are 700.000 m^3 of compacted soil. The construction was finished within 24 consecutive months.

This is a photo of the Natural and Anthropological Sciences Museum, located in Parana. In this work, a remodeling and expansion of the museum was carried out. Our company built new offices and facilities. Here you can see 4 men demolishing the sidewalk. The image shows the use of safety clothing and measures. This work is going to be fulfilled in 270 days.

2.2. Company Organization

Now, we would like to show you how our company is organized.

In this organization chart of our company; you can see all the departments we have in "Construction's Team":



• Mr. Fabbro *is the PRESIDENT of the company and* Mr. Cassano *is the VICE-PRESIDENT. Both are in charge of the legal representation of the company.*

• Mr. Ibarra *manages the CONSTRUCTION INSPECTION DEPARTMENT. He is in charge of controlling the construction works.*

• Mr. Leiva *leads the MATERIALS DEPARTMENT. He is in charge of managing, supervising and controlling the existence of the company's material resources and supplies.*

• Mr. Boladeras *is the head of the PROJECT ENGINEER DEPARTAMENT. His job is to calculate, estimate costs, budget and design infrastructure works.*

• Mr. Almeida *runs the CONSTRUCTION CALCULATIONS DEPARTMENT. He is in charge of designing the structure and preparing the construction plans.*

• Mr. Stoppello *is in charge of the MARKETING DEPARTMENT. He is responsible for the management of campaigns and marketing initiatives.*

• Mr. Arredondo *manages the ACCOUNTANT DEPARTMENT. He keeps company accounts, analyzes profits and expenses, prepares the financial balance.*

2.3. Company History

• *Timeline:*

1995 *- Ulises Fabbro founds the "Construction Team".*

1997 *- Mr. Fabbro buys a piece of land in Paraná and builds an office.*

1998 *- Eliseo Cassano joins the company as vice president.*

2001 *- The company is affected by the crisis in the country.*

2003 *- Sales and business services decline dramatically.*

2005 *- The company registers many debts and is about to declare bankruptcy.*

2006 *- Mr. Fabbro receives finance from an Argentine bank.*

2009 *- The business begins to generate income. Argentina demands many public works.*

2012 *- The company pays its debts.*

2013 *- Mr. Fabbro buys new land in Santa Fe, Córdoba and Buenos Aires.*

2014 *- Mr. Fabbro opens new offices in Santa Fe, Córdoba and Buenos Aires.*

2016 *- The company improves its facilities and expands its work team.*

2018 *- The Construction Team starts some important works in Corrientes, Mendoza and La Pampa.*

2020 *- The company puts out to tender in the municipality of Paraná for the construction of a Drive-in*

TODAY *- Construction Team is considered a high-level construction company in the country.*

• At this point, we would like to tell you about our company's history.

Ulises Fabbro is a Civil Engineer who founded Construction's Team in 1995. He graduated from UTN from Paraná – Entre Ríos and worked for a few years as a project inspector in Santa Fé.

In 1997, Fabbro bought a piece of land in Paraná, near a gas station, and built a big office. The following year, Eliseo Cassano joined the company as vice president, he graduated with Fabbro and they were friends from university. The company's finances were well some years when it incorporated lot employees but in 2001 the company was affected by the crisis in the country. For the next two years, Fabbro fought with the problems in the country as sales and business services declined dramatically. In 2005, the company was at its lowest point because it registered many debts and nearly declared bankruptcy. Fortunately, Mr. Fabbro received financing aid from an Argentine bank in January 2006.

Since 2009, the business began to generate income after long and hard work, and in that moment Argentina demanded many public works. In 2012, the company was in a great economic position so the accountant of the company decided to pay its debts. One year after this, the company bought new lands in Santa Fe, Córdoba and Buenos Aires, and in 2014 Mr. Fabbro decided to open new offices in those places. Construction's Team built first-rate offices from 2013 to 2014.

The company improved its facilities and expanded its work team in June 2016. In 2018, The Construction Team started a lot of works in the province of Corrientes, Mendoza and La Pampa, such as buildings, routes and a football stadium. Two years after this, the company had a good idea and put out to tender in the municipality of Paraná for the construction of a Drive-in cinema in the Thompson Beach.

Today, for their hard and serious work along the years, Construction Team is considered a high-level construction company in the country. They have plans for expanding the company in all the country and neighboring countries.

3. Project Development

3.1. Tour round the Landmark

Now, let us give you a tour around Thompson beach.

This is a satellite image of the Thompson Beach, located at 240 Augusto Bravard Street, Paraná - Entre Ríos.

Along the Thompson Beach we can find many food and drink places, as we will later describe.

In this picture you can see the Thompson beach. In this place tourists can sit and relax, while they can also enjoy the warm sun.

In this picture you can see the restaurant Parador "UNO" where people can sit down to eat and enjoy the landscape.

In this other picture, there is a beer hall, where people can enjoy fresh drinks with friends during the day.

In that same place you can go dancing and drinking at night on weekend. There you can meet new people too.

Here we can see a pool that people who visit the beach can use. However, today this pool can't be accessed due to the Paraná River contamination.

If tourists want to spend some days at the Thompson, they can rent a nice lob cabin near the beach. These cabins have a private parking lot.

Next to a lob cabins, there are a lot of fish stalls where you can buy food, like fish for cooking or a traditional food in Argentina whose name is "empanada". The name of that place is Puerto Sanchez and all the food sold there is made with fish.

A few meters away from the Thompson Beach, there is a park which has a lot of green space where people can relax and spend time with their family. There are lots of trees and games for kids.

Thompson beach is one of the most visited tourist areas of Parana, it is a beautiful place to visit and enjoy its beach and facilities.

3.2. Problem Statement

3.2.1. Description of the scenes that help picture the problem

Next, we are going to move on to the Problem Statement where you can see the scenes that help to imagine the problem there.

The problem at Thompson Beach is the little tourism there. Our company proposes the construction of a drive-in cinema to increase tourism.

Here in these pictures, we can see that the use of the beach is not permitted, this is due to the contamination of the water.

Apart from this, citizens and tourists are constantly complaining about different problems related to the lack of maintenance of the facilities. Here we display some photos so that you can see this problem.

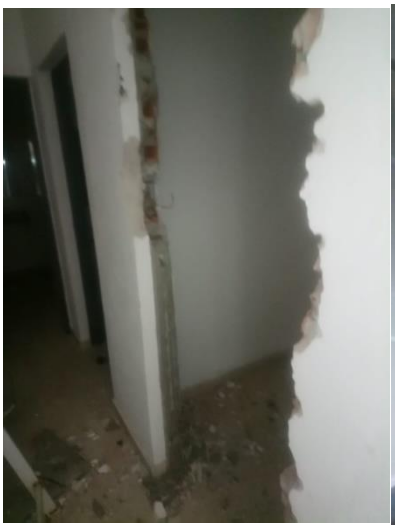
The beach is the largest tourist resource in the Thompson area. Those problems make people choose to visit other tourist places in the city of Paraná.

3.2.2. Analysis of the factors that give rise to the problem

In addition, we are going to show you our analysis about the factors that originate these problems.

It is a well-known fact that Paraná has problems with the contamination in all the Paraná River. Apart from this, some tourists and the same citizens don't take care of the place; they throw trash and similar stuff.


In the city, there are many acts of vandalism and the Thompson Beach is not the exception so there are problems with maintenance and the state in which facilities at Thompson are.



These are the factors that may cause the scarce tourism in this location. It's really sad because this is a beautiful place to spend time and enjoy with family or friends.

3.3. Project Description

It is time now to describe the project that we want to carry out at the Thompson beach.

3.3.1. Stage 1

The area in which we are going to work is in front of the space that separates the Parador Uno and the Beer Pub, it is crossing the street and the area consists of a length of 80 meters by a width of 40 meters.

• *Obrador, siege and poster. Cleaning and preparing the ground:*

1 - Obrador, Siege, Poster
Once the land has been delivered, the workshop will be installed, fencing off the area where the drive-in playground will be built and placing a poster with all the information on the work.
The enclosure will have a dimension such that it allows including the workshop, carrying out the movements of personnel and equipment, having a material unloading beach, and sectors to produce mortars and concrete.

2 - Setting out, cleaning and preparing the land
The land that the construction will occupy will be cleaned and leveled. This work includes clearing, de-trunking, cleaning and leveling the land.

3.3.2. Stage 2

Once the area of work has been limited and the ground has been cleared and leveled, we are going to start with the construction part of the project. Next, we present the construction process of the drive-in project item by item.

1) MEASUREMENTS AND EARTH MOVEMENT

1.1 Construction method

All excavation resulting from the removal of trees, shrubs, trunks, roots and other vegetation, will be filled with suitable material and then compacted.

1.2 Stakeout

The location of the bases and columns will be marked on the ground, respecting the structural plan.

1.3 Uncover the ground

The area around the drive-in beach will be excavated, about 0.30 m deep, removing the topsoil.

1.4 Embankment
Fillers will be required to obtain a correct leveling

1.5 Excavations for bases
It includes the execution of the excavations to house the bases. In these excavations it will be necessary to anchor the telescopic lighting columns and the filling of these bases with H17 concrete.

2) FILLING WITH SELECTED SOIL ON TREATED LAND

As regards the filling of the soil, these are the steps to follow:

2.1 Description
First, we will carry out the execution of a 0.10 m layer of crushed soil base of the "tosca" type, extracted from the deposit.

2.2 Removal of water from excavations, pumps and drains
Next, the works will be built with dry excavations, using pumps to depress the water table.

3) STRUCTURES

As regards the setting of the structures, the steps will be the following:

3.1 Soil Study
First, the corresponding soil study must be carried out to determine the bearing capacity, its chemical aggressiveness and the degree of compaction to achieve.

3.2 H ° bases for anchoring lighting columns
Before concreting, a cleaning subfloor will be applied with a uniform thickness of 0.05m and dosage = 150 Kg / m3 of cement

3.3 Concrete Subfloor
Next, a subfloor will be executed on the compacted ground, this will have a minimum content of 150 Kg of Portland cement per cubic meter.

3.4 Reinforced Concrete
The concrete to be used will be an H17. The reinforcement to be placed corresponds to an electrowelded steel mesh of 0.20 x 0.20 m. The minimum cover will be 0.025 m. The base of H ° will have a slope of 1: 1000.

3.5 Projection screen
For the projection screen, columns of 30x30cm will be used, with irons of 12 mm in diameter. A wall will be built of traditional masonry and fine lime plaster. It will be painted white upon completion of construction.

3.6 Tests to be carried out
The tests to be carried out correspond to the flexural breaking resistance test and the thickness check.

3.7 Perimeter cord from H ° A °
A reinforced concrete perimeter cord will be built around the perimeter of the H ° base, 0.10 m wide by 0.20 m deep. The main reinforcement will correspond to 4 steel bars of 8 mm in diameter.

4) EXPANSION JOINTS

4.1 Materials and properties
The expansion joints must have a minimum thickness of 0.02 m and will be made up of asphalt mortar.

5) FLOORS

The completion will be executed with a smoothed cement, proportion 1: 3 (cement - sand), with a minimum thickness of 2 cm. They will be made in panels with a maximum surface area of 15 m2, on the subfloor of H ° A °, previously executed.

6) DEMARCATION OF THE PARKING LINES

The demarcation lines of the parking lots will have a width of 0.05 m. The paint to be applied will be of the thermoplastic acrylic resin type.

7) ELECTRICAL AND ACOUSTIC INSTALLATION

From the electrical pillar, the pillar to be built where the main control panel will be located must be accessed by means of an underground PVC pipe with a minimum diameter of 0.60.

7.1 Projector board
There will be a TPD control panel for projectors assembled in an airtight metal box located on a masonry pillar at one end of the base.
7.2 Telescopic columns for luminaires
Eight 8 m high metal telescopic columns will be placed. The pillars will be anchored to the Reinforced Concrete Base

7.3 Luminaires
2 reflectors will be provided for each telescopic column.

7.4 Projectors
Laser technology projectors with a brightness of 10,000 ANSI lumens will be used.

7.5 Audio
The audio of the film will be is transmitted by an FM transmitter whose signal is tuned from the radio receiver of each car.

8) SECURITY

Two security controls will be located at the main entrance to the drive-in. Each checkpoint will be made up of 2 policemen.

3.3.3. Contingency plan

Finally, we have thought about the possible problems that we may come across during the development of the project. We have also thought about the possible solutions.

Contingencies against epidemics
Taking into account the current world situation and to avoid health problems among our workers:

- *All employees and workers will be medically checked before starting construction work.*
- *Regular review of the body of work.*
- *Inform your superiors about any illness.*

Contingencies in occupational and vehicular accidents
In order to avoid any accidents:

- *Local health centers must be notified in advance so that they are prepared.*
- *First aid phone numbers will be posted.*
- *Use of safety clothing: helmet, boots, gloves.*

Contingencies in the face of climatic phenomena
If the weather conditions are not proper:

- *Outdoor work must be interrupted in the event of storms, hail.*
- *No work at height should be carried out.*
- *Stay in place in case of strong winds.*

4. Conclusion

To end our presentation, let us tell you that The Construction Team is a company that has a long history gaining a lot of experience and working with projects similar to the one we want to do on Thompson Beach.

So, if you want to attract tourism to the area by means of new facilities we are the best for this project. We work faster and more efficiently than other companies. Currently, our company is considered one of the best construction companies in America.

Thank you for your time!