

MEHRY WATER LIMITED

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TIN : 183-710-605

PROJECT

Bottled Mineral Water Plant with capacity of 2000 bottles per day.

INTRODUCTION

Mehry Water Limited was incorporated on 1st day of April 2025 having Registration Certificate No. 183-710-605. Mr. Zidane Jambek Gulamhussein and Luqman Abdulwahab Abdulkader are Director of the company.

Need for Installation of Bottled Mineral Water Plant in Kihanga Village of Mafinga District.

In Mafinga District, there is lack of clean drinking water and in surrounding area, there is no Bottled water manufacturer. Bottled water is supplied from Dar es Salaam, which is expensive due to huge freight cost. Under the above circumstances, there is a big scope of bottled water in Mafinga and surrounding area of 100 km.

In Tanzania bottled water market is projected to see substantial growth, with a value increase of USD130.4 million and a CAGR of 10.3% from 2025 to 2030. This growth is driven by factor like limited access to reliable tap water, rising urbanization, increasing health awareness and growing disposable income. This growth in demand for mineral water is due to the following factors:

To tap this ever increasing demand of mineral water in Mafinga District of Tanzania we are setting up a mineral water plant in Kihanga Village, Mninga Ward of Mafinga.

Management Team

Mrs. Mehry Abdulwahab and Dr. Rajeev Singh are key management team member who have good experience and expertise in their respective field.

Company is going hire Process Engineers and Technicians to operate and maintain the production plant. Will arrange on the job training for machine operator to trained them to operate the plant machinery.

Investment

Share capital of the company is Tzs. Hundred Million and funded by promoter and director of the company.

Quality Control

Company is setting up high-tech Laboratory which will be equipped to carry out all physical, chemical and micro biological tests prescribed as per IS: 3025, 1070, 4905, 5401, 5402, 5403, 5887, 10146 & 10500 and has to be conducted by expert chemist / micro biologist.

Tanzania Bureau of Standards (TBS)

Company will register himself with TBS and will follow all quality standards as prescribed by TBS.

Vision of Mehry Water Limited

To provide good quality and hygienic product.

To provide best working environment, future growth and job satisfaction.

To follow eco-friendly practices.

Mission of Mehry Water Limited

Our mission is enduring. It also serves as a purpose of our company.

To become Tanzania's most premier consumer product focused on packaged drinking water

To create values and make difference.

MANUFACTURING STRATEGY

Raw Material:

Water will be the raw material for the mineral water plant which will be sourced from natural water source near Kihanga Village of Mafinga. PET Plastic Bottles will be used for the packaging and distribution of mineral water. These bottles will also be manufactured by us:

Production Process:

The first step for setting up a water purification plant is the analysis of source of water. After the chemical analysis, the specifications of the purification plant are set. In the purification plant, source water is stored in the feed water tank, passes through the sand filter and carbon filter for preliminary water filtration. Water then passes through Ultraviolet disinfection system to deactivate bacteria and then pass through Ozone generator system to oxidize harmful bacteria, virus, micro organism, organic impurities and thus increase shelf life of and taste of the water. Finally dosing with added minerals to brings back of mineral which drawn in RO system.

Water then passes through automatic washing, filling and capping plant. Here water is filled into bottles.

Packaging Process:

Our Mineral Water Packaging and bottling process is performed following the certified quality standards norms and guidelines of Portable Water Package experts, which will separate us from unorganized competitors in the same field. We will employ highly qualified and experienced professionals perform rinsing, filling, capping and labeling operations to ensure purity and satisfaction of the customers.

Filling:

Bottles are fed by an air conveyor from the blowing unit directly into the in-feed of the RFC. The RFC equipment is neck run and it boasts of a mono block unit, which means that every bottle is held by the neck automatically while being inverted, rinsed and sprayed with ozonated water at 2 bar pressure. After draining, the bottles are re-inverted and transferred to the filler. At the filler,

these bottles are straightened up and gradually lifted to the filling valves which open only when a bottle is placed under them. Filling is then done systematically through gravity.

Capping:

After completion of filling process the bottles are transferred to the capping section. Here ozonated-water rinsed caps are screwed on the bottle with uniform torque. Since our water is ozonated all product contact parts are of 316L grade stainless steel and the rubber parts are of EPDM. (All components are water lubricated above the table top.)

Labeling:

From the capping section the bottles are directly sent to the labeling section. All Mineral Water Bottles are labeled on a hot melt reel feed BOPP labeling machine. This machine allows each individual bottles to be spaced out and fed to the labeling station where precisely cut labels with a strip of hot melt glue at the leading and trailing edge, get rolled around the bottle. These labels are fed into the machine in a roll form too.

Quality Check:

For quality testing, the bottles will go through manual check up of each bottle for any leaks or breakages. Water sample from each batch will be taken to test it in our laboratory to verify the quality as per required parameters. They are then packed into sturdy cartons which are dispatched to the market.

Market

The target market will be rural and urban areas of Mafinga and 100 km radius around Mafinga District. Distribution channel will be through Wholesalers, direct supply to Restaurants, Hotels, Pubs and Eateries. Company will setup its own warehouse in all major towns.

Pricing

Company will keep the product price at par with other manufacturers and will give cash incentive to wholesalers and retailers for achieving sales target.

Project Schedule

The plant would be procured, installed and commissioned in about 3 months.

Environmental Aspects

Since all necessary pollution control measures are being proposed, it would fully comply with requirements of environmental authorities.

Employment

This project will generate 15 new skilled and 10 semi skilled employment.