**Feasibility Study Report**

ON

WATER BOTTLING PLANT

Submitted in partial fulfillment of the requirements for the course of

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Department of Accounting & Information Systems



**Supervised to**

Dr. Mahfuzul Hoque

Professor

Department of Accounting & Information Systems

Faculty of Business Studies

University of Dhaka

**Submitted by**

| 1. Syed Shahriar Housaini – ID No: 10916046  2. F M Khalid Hossain – ID No: 11838067  3. Zakia Parvin Rosey – ID No: 11942027  4. Farhana Sharif Khan – ID No: 11943037  5. Mehadi Hassan Kishor – ID No: 11942014  6. – ID No: |
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***Date of Submission:***

**Table: Expense Assumption- Administrative**

| **Description** | **Estimated cost** |
| --- | --- |
| Deep tube well (Water source) | 1,00,000/- |
| Annual Fee (Water source) | 50,000/- |
| Electricity connection fee/Demand note fee | 1,50,000/- |

A feasibility study report is a document that assesses the potential success of a proposed business idea or concept. A feasibility study's purpose is to evaluate a business idea's potential and determine whether it is worth pursuing. A feasibility study report should include the following components:

**Business project Feasibility study steps**

The steps involved in conducting a feasibility study for a business project are similar to those for any other type of project and typically include the following:

A business feasibility study report is a document that assesses the viability of a proposed business idea.

It typically includes an executive summary, an introduction, a description of the business concept, market and competitive analysis, financial projections, and a conclusion.

The format of a feasibility study report may vary depending on the specific requirements of the project. Still, it should generally include the following sections:

**Executive Summary:** Executive Summary: This section provides a brief overview of the proposed business idea, its potential for success, and the main findings of the feasibility study. This is a brief overview of the key points of the feasibility study, including the main findings and recommendations.

**Introduction:** This section provides background information on the proposed business, including its purpose, goals, and objectives.

**Business Concept / Business Description:** This section provides a detailed description of the business idea, including its products or services, target market, competitive landscape, and unique selling points.

Establishing a factory for filling and distributing mineral water and soft drinks to produce drinks of great and refreshing taste, and packing in bottles of multiple sizes and shapes to meet the needs of the market and customers.

3 REASONS WHY YOU SHOULD START A BOTTLED WATER PRODUCTION COMPANY

1. Water is always in demand: Water is indispensable and essential to life. So there will always be a demand for it and judging by the present attitude of the government to the supply of potable water to the masses, the only available alternative is to get from other private suppliers, so there will always be a total demand for bottled water.

2. Public Health Issue: Bottled water from a well-known and government-certified company, is one of the best sources of pure drinking water.

And as we all know, sachet water is packaged in nylons, so bottled water demand will spring up with the ban on these non-environmental friendly nylons.

3. High-profit margin: Water, the primary raw material for complete production, is readily available through many sources.

An open borehole is enough, and there will be an ample supply of water, which will be sold at a very high turnover rate after the bottled water process.

**Define the project and its objectives:** This step involves identifying the project’s goals, scope, and constraints, as well as defining the project’s success criteria.

**Conduct market research:** This step involves gathering and analyzing data on the potential market for the project, including information on

Competitors,

Potential customers:

1. Our target customers and target market locations-
2. Supermarkets.
3. Wholesale and retail shops.
4. Hospitals Sector.
5. Hotels, Restaurants and Canteens.
6. Event Planners, Parties and Corporate Functions
7. Corporate offices and Executive offices.
8. Government Officials and their offices.
9. Business People
10. Celebrities
11. Armed forces, Police and other security services.
12. Sports events.
13. Students and Educational Institutes.
14. Tourists at tourist spots.

and market trends.

**Conduct technical analysis:** This step involves evaluating the technical aspects of the project, including the feasibility of the proposed technology and the availability of necessary resources,

such as skilled labor

and equipment.

**Conduct financial analysis:** This step involves evaluating the financial feasibility of the project, including an analysis of the

project’s costs,

revenue potential,

and profitability.

**SECTOR & INDUSTRY ANALYSIS:**

**Market Analysis:** This section provides an analysis of the target market, including an assessment of its size, growth potential, and key demographics. It should also include an analysis of the competition and an assessment of the potential demand for the proposed products or services.

1) Market study, which consists of:

Project idea and product / service overview

Industry and target market analysis

Market analysis: primary and secondary research

data analysis

Study of supply and demand in the market

Analysis of Competitors

SWOT Analysis

Michael Porter's Five Competitive Forces Analysis

Distribution Channels

Revenue Streams

Pricing Analysis

Make-or-Buy Decision

**Market and Competitive Analysis:** This section assesses the potential market for the proposed business, including its size, growth potential, and key competitors.

Table: Brands available in the market

Local and Imported Brands Available in the market

The bottled water market comprises two main segments i.e. retail market

and the bulk market. The retail market consists of 0.5 liters, 1.5 liters, 2 liters, and 5.0-liter

capacity PET bottles. The bulk market consists of home and office deliveries in 5-gallon bottles/jars.

**Technical Feasibility:** This section assesses the technical feasibility of the

proposed business idea,

including an evaluation of the

required technology,

equipment, and

2) Technical study consisting of:

Determine the size of the project

Determine the appropriate method of production and technological means

Project identification products

Identification of technical machinery and equipment

Internal planning of the project

Determine the quantities of required production factors

Determining the required employment and administration personnel

Determine the costs of establishing the project

Create the project and choose the project site

Bottle water Vending machines:

Bottle water distribution Vehicles/Trucks:

Infrastructure.

It should also include assessing the technical skills and expertise required to operate the business.

**Financial Feasibility:** This section assesses the financial feasibility of the proposed business idea, including an analysis of the projected costs, revenues, and profits.

It should also include a financial plan, with projected income statements, balance sheets, and cash flow statements.

5) Financial study consisting of:

Financial management process

Project financing structure

The economic aspect of financial study

Preparing financial statements

Project Sensitivity Analysis

Conclusion and final investment decision

**Risk Management Strategies:** This section outlines the strategies that will be used to mitigate or manage the identified risks, including risk transfer, risk avoidance, or risk reduction. It should also include a plan for monitoring and controlling the risks over time.

**Risk Identification:** This section identifies the potential risks and uncertainties associated with the proposed business idea, including both internal and external risks.

The risks should be grouped into categories, such as financial, operational, regulatory, or technological.

**Risk Evaluation:** This section evaluates the potential impact and likelihood of each identified risk, using a risk matrix or other evaluation method. The risks should be prioritized based on their potential impact and likelihood.

**Management and Organizational Feasibility:** This section assesses the feasibility of the proposed business from a management and organizational perspective, including an evaluation of the required personnel, their skills and expertise, and the proposed organizational structure.

**Financial Projections:** This section presents the

projected financial performance of the business,

including

projected income:

Expenses:

and

cash flow:

Legal Requirements:

Investment decision and laws and tax laws

The legal entity of the project

The compatibility of the project with the applicable laws and regulations

We will use 1 deep tube well for the water source.

**Table: Expense Assumption- Government /Legal fees** (Including fees for legal, audit consultants and cost for preparation all the documents etc.)

| **Description** | **Estimated cost** |
| --- | --- |
| Trade License Fee / TIN/ BIN | 30,000/- |
| Business /Company Registration Fee | 15000/- to -25,000/- |
| Fire Service License | 10,000/- to 15000 |
| Environment Certificate | 7,000/- to 15000/- |
| BSTI Registration Fee | 20,000/- to 25000/- |

**Develop a feasibility report:** This step involves summarizing the findings of the feasibility study and presenting them in a clear and concise manner, along with recommendations for moving forward with the project.

**Review and finalize the feasibility study:** This step involves reviewing the feasibility study with key stakeholders and making any necessary revisions based on their feedback. The final feasibility study should provide a clear recommendation on whether or not to proceed with the project.

**Conclusion:** This section summarizes the main findings of the feasibility study and provides a recommendation on whether the proposed business idea is worth pursuing.

**References:** This section provides a list of sources used in the feasibility study, including any research reports, market studies, or other relevant materials.

4) Environmental study which consists of:

Environmental impact assessment and methods