Operations

Name

Institution

Course

Date

**Introduction**

Bygrace Fast Foods and Snacks will use the new technologies to provide the best quality drinks, beverages, and snacks. This makes Bygrace Fast Foods and Snacks stand the best chance of outdoing its competitors in the industry. This involves the stages used by Bygrace Fast Foods and Snacks in giving out its services to its customers. The partners will be in a position to introduce other additional services to the company as the business expands (Fichter & Tiemann, 2020).

**Facilities**

With a population of more than one million people, we plan to set up our food and beverage business in Ottawa city here in Canada (Watson, McGowan, & Cunningham, 2018). The restaurant will occupy a 1500 square foot rented space near Dow's Lake Ottawa. The rented space will be divided into 6 major parts which include; The Factory, the service space, the bar area, a restroom area, and a backdoor room which also serves as the office. Situated close to a busy road, the restaurant is expected to make big sales. Furthermore, our restaurant has an underground parking spot which can accommodate more than 200 vehicles at a go, therefore making it a suitable stopover for motorists in Ottawa. Additionally, our night bar is situated on the balcony of a 10 storey building, which by itself is an attraction (Rosati & Conti, 2016).

The premises of Bygrace Fast Foods and Snacks will be a two-roomed rental house measuring 3 by 5ft with a rental charge of $ 2400 per month (Gabler et al. 2017). The premise will be on the ground floor of the complex on the left side. The room will be well ventilated, with suitable power points and a smooth flat surface for the machines. There are plans for the renovation of the premises for $ 1000 before the business is established and this will make the place look even more attractive (Ivanisevic et al. 2016).

**Production Process**

The production of blueberry products within Bygrace Fast Foods and Snacks involves six stages (Ivanisevic et al. 2016). The stages involve reception and cleaning processes of raw materials, blueberry crushing processes, blueberry mixing processes, blueberry pelleting processes, cooling processes of blueberry wines and beverages, and packaging of blueberry wines and beverages. The blueberry product production process within Bygrace Fast Foods and Snacks is divided into various steps.

Stage one: The reception and cleaning processes of raw materials

The first step involves reception and cleaning of the raw material such as blueberries utilized for producing wines and other beverages.

Stage two: Blueberry crushing processes

Then, the materials are passed through the hammer millers, in which they are milled into fine sizes that are appropriate for manufacturing wines and other beverages.

Stage three: Blueberry mixing processes

Then, the crushed blueberry materials are passed into mixing machines, in which various substances and ingredients are added into to raw materials of blueberries to ensure that the finished blueberry products such as wines and other beverages contain all the needed nutrients.

Stage Four: The cooling process of Blueberry Products

At temperatures of 88C0, the blueberry products are generated and have moisture levels of 15-20%. The levels of moisture are decreased to 10-12% for cooling, and storage (Ivanisevic et al. 2016). Therefore, the wines and other beverages are passed into the coolers, in which they are cooled to decrease the moisture level and cooled to temperatures that close to room temperature.

Stage five: Packaging of blueberry products

Semi-automatic packaging machines are utilized to pack the blueberry products into bottles after they are manufactured so that they can be distributed to the end customers or stored.

**Research and Development**

Due to the small size of the company, the R&D department will be in-house staff managed by top management. The Company will need software to leverage accounting and financing, communication and collaboration, project management, and contract management. The Company already has graphics software necessary for developing product and label designs. The Company plans to acquire each of the four software at $800. It will also purchase Batch-master – beverage manufacturing software – at $1000 (Watson, McGowan, & Cunningham, 2018).

**Personnel Needs in Operations**

The company CEO and President will be an MBA graduate with vast experience, knowledge, and skills in leadership and management. The Company expects to recruit more competent experts in its management team.

The Senior Management Team includes the following;

* Fulltime CEO/President
* Creator & Master Mixer
* Production Advisor/ Production Line Foreman
* Computer Expert
* Legal advisor

The Company will also need to source for key personnel including VP marketing and sales, VP Production and Quality Assurance, VP supply chain management, Chief Technology Officer, and Chief Finance Officer. The owners believe that we will be able to source in-house from our capable team.

References

Gabler, C. B., Panagopoulos, N., Vlachos, P. A., & Rapp, A. (2017). Developing an environmentally sustainable business plan: An international B2B case study. Corporate Social Responsibility and Environmental Management, 24(4), 261-272.

Ivanisevic, A., Katic, I., Buchmeister, B., & Leber, M. (2016). Business plan feedback for cost-effective business processes. Advances in Production Engineering & Management, 11(3), 173-182.

Fichter, K., & Tiemann, I. (2020). Impacts of promoting sustainable entrepreneurship in generic business plan competitions. Journal of Cleaner Production, 122076.

Rosati, U., & Conti, S. (2016). What is a smart city project? An urban model or a corporate business plan?. Procedia-Social and Behavioral Sciences, 223, 968-973.

Watson, K., McGowan, P., & Cunningham, J. A. (2018). An exploration of the Business Plan Competition as a methodology for effective nascent entrepreneurial learning. International Journal of Entrepreneurial Behavior & Research*.*