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Cigar Bar

## Strategic Business and Marketing Plan

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### 1.0 Executive Summary

The purpose of this business plan is to raise $\$ 115,000$ for the development of a cigar bar and lounge while showcasing the expected financials and operations over the next three years. Cigar Bar, Inc. ("the Company") is a New York based corporation that will provide sales of cigars and other related products to customers in its targeted market. Customers will be free to smoke cigars in the lounge areas of the shop along with enjoying alcoholic beverages. The Company was founded by John Doe.

### 1.1 The Products

The primary revenue centers for the Company will come from the sale of cigars, specialty cigarettes, and related items. Mr. Doe is currently sourcing a number of wholesalers and manufacturers that will be able to provide the Company with an extensive line of products for sale to the Company's targeted demographic of people. As stated above, customers will be free to enjoy tobacco products directly at the location. The Company will also maintain an expansive online sales platform to make sales of cigar products (where online sales of tobacco products are permitted).

The Cigar Bar will feature approximately 1,500 square feet of space. The facility will have a full bar that will serve spirits, wine, and beer.

The Company will also enact strict policies regarding underage drinking, and the business will comply with all state regulations regarding the sale of alcohol to the general public. Mr. Doe is currently in the process of obtaining the liquor license for the Cigar Bar.

The third section of the business plan will further describe the services offered by the Cigar Bar.

### 1.2 Financing

Mr. Doe is seeking to raise $\$ 115,000$ from as a bank loan. The interest rate and loan agreement are to be further discussed during negotiation. This business plan assumes that the business will receive a 7 year loan with a $6 \%$ fixed interest rate. The financing will be used for the following:

- Development of the Company's Cigar Bar location.
- Financing for the first six months of operation.
- Capital to purchase inventories of cigars and accessories.

Mr. Doe will contribute $\$ 20,000$ to the venture.

### 1.3 Mission Statement

Cigar Bar's mission is to become the recognized leader in its targeted market for providing an extensive line of domestic and imported cigars.

### 1.4 Management Team

The Company was founded by John Doe. Mr. Doe has more than 10 years of experience in the bar and nighttime entertainment industry. Through his expertise, he will be able to bring the operations of the business to profitability within its first year of operations.

### 1.5 Sales Forecasts

Mr. Doe expects a strong rate of growth at the start of operations. Below are the expected financials over the next three years.

Proforma Profit and Loss (Yearly)

| Year | 1 | 2 | 3 |
| :--- | ---: | ---: | ---: |
| Sales | $\$ 462,000$ | $\$ 508,200$ | $\$ 543,774$ |
| Operating Costs | $\$ 284,972$ | $\$ 293,521$ | $\$ 302,327$ |
| EBITDA | $\$ 95,128$ | $\$ 124,589$ | $\$ 145,051$ |
| Taxes, Interest, and Depreciation | $\$ 37,534$ | $\$ 45,784$ | $\$ 51,297$ |
| Net Profit | $\$ 57,594$ | $\$ 78,805$ | $\$ 93,753$ |



### 1.6 Expansion Plan

The Founder expects that the business will aggressively expand during the first three years of operation. Mr. Doe intends to implement marketing campaigns that will effectively target individuals within the target market.

### 2.0 Company and Financing Summary

### 2.1 Registered Name and Corporate Structure

Cigar Bar, Inc. The Company is registered as a corporation in the State of New York.

### 2.2 Required Funds

At this time, the Cigar Bar requires $\$ 115,000$ of debt funds. Below is a breakdown of how these funds will be used:

| Projected Startup Costs |  |
| :--- | ---: |
| Lease Deposit | $\$ 10,000$ |
| Leasehold Improvements | $\$ 20,000$ |
| Working Capital | $\$ 40,000$ |
| Furniture, Fixtures, and Equipment | $\$ 25,000$ |
| Legal and Accounting Fees | $\$ 15,000$ |
| Utility Deposit | $\$ 5,000$ |
| Insurance | $\$ 5,000$ |
| Licensure Fees | $\$ 7,500$ |
| Inventories | $\$ 5,000$ |
| Miscellaneous and Unforeseen Costs | $\$ 2,500$ |
| Total Startup Costs | $\$ 135,000$ |



### 2.3 Investor Equity

Mr. Doe is not seeking an investment from a third party at this time.

### 2.4 Management Equity

John Doe owns $100 \%$ of the Cigar Bar, Inc.

### 2.5 Exit Strategy

If the business is very successful, Mr. Doe may seek to sell the business to a third party for a significant earnings multiple. Most likely, the Company will hire a qualified business broker to sell the business on behalf of the Cigar Bar. Based on historical numbers, the business could fetch a sales premium of up to 4 times earnings.

### 3.0 Operations

Below is a description of the products offered by the Cigar Bar:

### 3.1 Sales of Cigars and Accessories

As stated in the executive summary, the Company intends to acquire a substantial amount of retail sale of cigars and related accessories which it will sell through its retail store and online sales platform. Management expects that the business will generate gross margins of $80 \%$ on each item sold by the Company.

One of the primary differentiating factors for the business will come from the fact that the Cigar Bar will allow customers to enjoy tobacco products directly at the location. The business will seek to obtain a liquor license (see below) so that customers can enjoy alcoholic beverages while smoking cigars at the facility.

### 3.2 Alcohol Sales

The Cigar Bar will offer a wide variety of liquors and alcoholic beverages that are available on the menu. The lounge will maintain a full bar including liquors, spirits, several vintages and types of wine, as well as an extensive number of bottled and draught beers.

At all times, the Cigar Bar will comply with all state and municipal regulations regarding the sale of alcohol. For each patron, a valid ID will be required to ensure that the patron is 21 or older. For very busy evenings, Mr. Doe will hire a part time door bouncer to check identifications as customers enter the bar. Additionally, Management will keep all liquor licenses up to date, and will file the appropriate documentation and fees on a quarterly basis.

### 3.3 Online Sales of Products

In addition to the retail facility, Management intends to develop an online platform which would allow the business to aggressively sell its products on the Internet. As many people now use the internet to purchase specialized tobacco goods, Mr. Doe sees a significant opportunity to develop a secondary sales channel that is not overly expensive to maintain. Once the retail operations of the business are functional, Management will hire a web development firm to develop the online ordering platform.

### 4.0 Strategic and Market Analysis

### 4.1 Economic Outlook

This section of the analysis will detail the economic climate, the cigar bar/lounge industry, the customer profile, and the competition that the business will face as it progresses through its business operations.

Currently, the economic climate is uncertain. The pandemic stemming from COVID-19 has created a substantial amount of turmoil within the capital markets. It is expected that a prolonged economic recession will occur given that numerous businesses are being forced to remain closed for an indefinite period of time (while concurrently having their respective employees remain at home). It should be noted that central banks around the world have taken aggressive steps in order to ensure the free flow of capital into financial institutions. This is expected to greatly blunt the economic issues that will arise from this public health matter.

However, the current economic climate should have a minimal impact on the Company's ability to generate revenues. As the economy is reopening, more people are eager to resume their normal lifestyles (including going to venues such as cigar bars). This will further ensure that the business will operate profitably and with a positive cash flow at all times.

### 4.2 Industry Analysis

## Tobacco Sales

The aggregate sale of cigars in the United States is a $\$ 2$ billion a year business. As of the last economic census, the industry employed more than 18,000 people working among 2,000 retail establishments.

This is a mature industry, and the excepted future growth rate of the industry will remain in lockstep with that of the general economy.

## Alcohol Sales

There is a plethora of bars and drinking establishments in the United States. A U.S. Economic census report indicates that there are over 60,000 individual establishments in the country. This number is expected to continue as bars (including cigar lounges) remain a popular form of entertainment among people under forty. Each year the industry generates more than $\$ 24$ billion dollars of revenue. The industry also employs more than 360,000 people nationwide.

### 4.3 Customer Profile

The Cigar Bar's average client will be a middle to upper middle class person living in the Company's target market. Common traits among clients will include:

- Annual household income exceeding \$50,000
- Lives or works no more than 15 miles from the Company's location.
- Will spend $\$ 25$ per visit to the Cigar Bar
- Ages 25 to 45

| Household Income (by \% of Population) | 5 Miles | 20 Miles | State |
| :--- | ---: | ---: | ---: |
| Under $\$ 20,000$ | $25.00 \%$ | $25.00 \%$ | $25.00 \%$ |
| $\$ 30,000$ to $\$ 40,000$ | $15.00 \%$ | $19.00 \%$ | $15.00 \%$ |
| $\$ 40,000$ to $\$ 50,000$ | $10.00 \%$ | $19.00 \%$ | $10.00 \%$ |
| $\$ 50,000$ to $\$ 75,000$ | $20.00 \%$ | $12.00 \%$ | $20.00 \%$ |
| $\$ 75,000$ to $\$ 125,000$ | $12.00 \%$ | $13.00 \%$ | $8.00 \%$ |
| $\$ 125,000$ to $\$ 150,000$ | $15.00 \%$ | $6.00 \%$ | $12.00 \%$ |
| $\$ 150,000$ to $\$ 200,000$ | $2.00 \%$ | $5.00 \%$ | $5.00 \%$ |
| Over $\$ 200,000$ | $1.00 \%$ | $1.00 \%$ | $5.00 \%$ |

Income Breakdown (5 Miles)


| Education (by \% of Population) | 5 Miles | 20 Miles | State |
| :--- | ---: | ---: | ---: |
| No High School | $28.60 \%$ | $24.40 \%$ | $29.40 \%$ |
| High School | $32.20 \%$ | $30.50 \%$ | $31.70 \%$ |
| Some College | $14.10 \%$ | $13.60 \%$ | $14.40 \%$ |
| Associate's Degree | $6.40 \%$ | $6.80 \%$ | $6.40 \%$ |
| Bachelor's Degree | $12.40 \%$ | $15.40 \%$ | $13.00 \%$ |
| Master's Degree | $3.90 \%$ | $5.70 \%$ | $3.40 \%$ |
| Professional Degree or Doctorate | $2.40 \%$ | $3.60 \%$ | $1.60 \%$ |

## Education Breakdown(5 Miles)



| $\square$ No High School |
| :--- |
| $\square$ High School |
| $\square$ Some College |
| $\square$ Associate's Degree |
| $\square$ Bachelor's Degree |
| $\square$ Master's Degree |
| $\square$ Professional Degree or |
| nnrtnrata |


| Age (by \% of Population) | 5 Miles | 20 Miles | State |
| :--- | ---: | ---: | ---: |
| 9 and Under | $13.40 \%$ | $12.80 \%$ | $11.20 \%$ |
| 10 to 19 | $12.00 \%$ | $10.70 \%$ | $9.70 \%$ |
| 20 to 29 | $15.00 \%$ | $14.90 \%$ | $14.20 \%$ |
| 30 to 39 | $17.30 \%$ | $16.20 \%$ | $15.90 \%$ |
| 40 to 49 | $14.30 \%$ | $14.10 \%$ | $14.70 \%$ |
| 50 to 59 | $11.10 \%$ | $12.70 \%$ | $13.40 \%$ |
| 60 to 69 | $8.60 \%$ | $9.10 \%$ | $9.90 \%$ |
| 70 to 79 | $5.40 \%$ | $6.00 \%$ | $6.60 \%$ |
| $80+$ | $3.00 \%$ | $3.40 \%$ | $4.50 \%$ |

Age Brekdown (5 Miles)



Target Market Map

## Target Market Size

- 2 Miles (Red) - 30,000 People
- 5 Miles (Blue) - 100,000 People
- 10 Miles (Green) - 325,000 People


### 4.4 Competition

This is one of the sections of the business plan that you must write completely on your own. The key to writing a strong competitive analysis is that you do your research on the local competition. Find out who your competitors are by searching online directories. If there are a number of competitors in the same industry (meaning that it is not feasible to describe each one) then showcase the number of businesses that compete with you, and why your business will provide customers with service/products that are of better quality or less expensive than your competition.

### 5.0 Marketing Plan

The Cigar Bar intends to maintain an extensive marketing campaign that will ensure maximum visibility for the business in its targeted market. Below is an overview of the marketing strategies and objectives of the business.

### 5.1 Marketing Objectives

- Develop an online presence by developing a website and placing the Company's name and contact information with online directories.
- Maintain an expansive presence via social media platforms including the potential use of social media influencers to boost the visibility of the Cigar Bar.
- Implement a local campaign with the Company's targeted market via the use of flyers, local newspaper advertisements, and word of mouth advertising.


### 5.2 Sales Overview

| Yearly Sales Forecast |  |  |  |  |
| :--- | ---: | ---: | ---: | :---: |
| Year | $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ |  |
| Growth $(\%)$ | $0.0 \%$ | $10.0 \%$ | $7.0 \%$ |  |
| Cigar and Tobacco Sales | $\$ 252,000$ | $\$ 277,200$ | $\$ 296,604$ |  |
| Alcohol Sales | $\$ 210,000$ | $\$ 231,000$ | $\$ 247,170$ |  |
| Totals | $\$ 462,000$ | $\$ 508,200$ | $\$ 543,774$ |  |


| Cost of Sales Forecast |  |  |  |
| :--- | ---: | ---: | ---: |
| Year | $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ |
| Growth (\%) | $0.0 \%$ | $10.0 \%$ | $7.0 \%$ |
| Cigar and Tobacco Sales | $\$ 50,400$ | $\$ 55,440$ | $\$ 59,321$ |
| Alcohol Sales | $\$ 31,500$ | $\$ 34,650$ | $\$ 37,076$ |
| Totals | $\$ 81,900$ | $\$ 90,090$ | $\$ 96,396$ |


| Gross Profit |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | 1 | 2 | 3 |
| Total | $\$ 380,100$ | $\$ 418,110$ | $\$ 447,378$ |



### 5.3 Marketing Strategies

Mr. Doe intends on using a number of marketing strategies that will allow the Cigar Bar to easily target people within the target market. These strategies include traditional print advertisements and ads placed on search engines on the Internet.

In addition to the high visibility location, the Company will also use direct mail, flyers, and other forms of local advertisement to promote traffic to the Cigar Bar. During the one month grand opening period, the Company will offer extended "happy hours", discounts on tobacco products/drinks, and other promotions that will draw patrons to the location. Management feels that this will solidify a repeat customer base that will regularly frequent Cigar Bar.

The business will also use an expansive online marketing strategy in order to further drive traffic to the location while also making the general public aware of the Company's cigar bar and lounge. The business will develop an expansive website that showcases the operations of the business, the cigar inventories, the drink menu, pricing information, and contact information. The website will be mobile friendly and search engine optimized. The website will be ecommerce enabled so that people from anywhere in the country can purchase cigars (where permitted).

Beyond the Company's proprietary website, Cigar Bar, Inc. will maintain profiles on popular social media platforms including Facebook, Twitter, Instagram, and YouTube. The Company's website will feature links to all social media platforms. Beyond social media sites, the business will also have profiles on Yelp.com.

Most importantly, Management expects that the business will benefit greatly from the positive reviews that will be on these sites from customers (which will further boost the Cigar Bar brand while concurrently contributing a substantial benefit for the Company's search engine optimization strategies).

Moving forward, the business may seek to further promote Cigar Bar, Inc. by hiring a social media influencer that lives within 20 miles of the Company's location. This individual (with a major online following) would have their experience at the location filmed, and they will distribute it through their respective social media channels. This can be a very high impact method of increasing awareness of the Cigar Bar brand.

### 5.4 Pricing

For cigar and tobacco products, each unit is expected to have a sales price of $\$ 5$ to $\$ 20$ (with gross profits of $80 \%$ ). For alcoholic beverage sales, Management anticipates gross margins of $85 \%$ (with an average price of $\$ 7$ per beverage).

### 5.5 Marketing Return on Investment

| Marketing ROI |  |  |  |
| :--- | ---: | ---: | ---: |
| Year | 1 |  | 2 |
| Short Term Marketing |  |  | 3 |
| Billboards | $\$ 175$ | $\$ 180$ | $\$ 186$ |
| Radio Advertisements | $\$ 70$ | $\$ 72$ | $\$ 74$ |
| TV Advertisements | $\$ 700$ | $\$ 721$ | $\$ 743$ |
| PPC Marketing | $\$ 455$ | $\$ 469$ | $\$ 483$ |
| Total Short Term Marketing | $\mathbf{\$ 1 , 4 0 0}$ | $\mathbf{\$ 1 , 4 4 2}$ | $\mathbf{\$ 1 , 4 8 5}$ |


| Intermediate Term Marketing |  |  |  |
| :--- | ---: | ---: | ---: |
| Hand Distributed Flyers | $\$ 525$ | $\$ 541$ | $\$ 557$ |
| Mailers | $\$ 700$ | $\$ 721$ | $\$ 743$ |
| Total Intermediate Marketing | $\mathbf{\$ 1 , 2 2 5}$ | $\mathbf{\$ 1 , 2 6 2}$ | $\mathbf{\$ 1 , 3 0 0}$ |


| Long Term Marketing |  |  |  |
| :--- | ---: | ---: | ---: |
|  |  |  |  |
| Website Search Engine Optimization | $\$ 350$ | $\$ 361$ | $\$ 371$ |
| General Company Branding | $\$ 525$ | $\$ 541$ | $\$ 557$ |
| Total Long Term Marketing | $\$ 875$ | $\$ 901$ | $\$ 928$ |


| Total Marketing Costs | $\$ 3,500$ | $\$ 3,605$ | $\$ 3,713$ |
| :--- | ---: | ---: | ---: |
| Total Net Profits | $\$ 57,594$ | $\$ 78,805$ | $\$ 93,753$ |
| Total Marketing ROI | $1645.54 \%$ | $2185.99 \%$ | $2524.90 \%$ |


| Marketing Breakdown |  |  |  |  |
| :--- | ---: | ---: | ---: | :---: |
| Year |  |  |  |  |
| Short Term Marketing | $5.00 \%$ | 5 | 3 |  |
| Billboards | $2.00 \%$ | $2.00 \%$ | $5.00 \%$ |  |
| Radio Advertisements | $20.00 \%$ | $20.00 \%$ | $2.00 \%$ |  |
| TV Advertisements | $13.00 \%$ | $13.00 \%$ | $13.00 \%$ |  |
| PPC Marketing |  |  |  |  |


| Intermediate Term Marketing |  |  |  |
| :--- | ---: | ---: | ---: |
| Hand Distributed Flyers | $15.00 \%$ | $15.00 \%$ | $15.00 \%$ |
| Mailers | $20.00 \%$ | $20.00 \%$ | $20.00 \%$ |


| Long Term Marketing |  |  |  |
| :--- | ---: | ---: | ---: |
| Website Search Engine Optimization | $10.00 \%$ | $10.00 \%$ | $10.00 \%$ |
| General Company Branding | $15.00 \%$ | $15.00 \%$ | $15.00 \%$ |
| Total Marketing Costs (\%) | $\mathbf{1 0 0 . 0 0 \%}$ | $\mathbf{1 0 0 . 0 0 \%}$ | $\mathbf{1 0 0 . 0 0 \%}$ |

### 6.0 Organizational Plan and Personnel Summary

### 6.1 Corporate Organization



### 6.2 Organizational Budget

| Personnel Plan - Yearly |  |  |  |
| :--- | ---: | ---: | ---: |
| Year | 1 | 2 | 3 |
| Owner | $\$ 32,500$ | $\$ 33,475$ | $\$ 34,479$ |
| Lounge Manager | $\$ 25,000$ | $\$ 25,750$ | $\$ 26,523$ |
| Lounge Employees | $\$ 45,000$ | $\$ 46,350$ | $\$ 47,741$ |
| Bookkeeper (P/T) | $\$ 12,500$ | $\$ 12,875$ | $\$ 13,261$ |
| Administrative | $\$ 20,000$ | $\$ 20,600$ | $\$ 21,218$ |
| Total | $\$ 135,000$ | $\$ 139,050$ | $\$ 143,222$ |


| Numbers of Personnel |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | 1 | 2 | 3 |
| Owner | 1 | 1 | 1 |
| Lounge Manager | 1 | 1 | 1 |
| Lounge Employees | 3 | 3 | 3 |
| Bookkeeper (P/T) | 1 | 1 | 1 |
| Administrative | 1 | 1 | 1 |
| Totals | 7 | 7 | 7 |

### 6.2 Organizational Budget (Cont.)



### 6.3 Management Biographies

In this section of the business plan, you should write a two to four paragraph biography about your work experience, your education, and your skill set. For each owner or key employee, you should provide a brief biography in this section.

### 7.0 Financial Plan

### 7.1 Underlying Assumptions

The Company has based its proforma financial statements on the following:

- The Cigar Bar will have an annual revenue growth rate of $8 \%$ per year.
- The Owner will acquire $\$ 115,000$ of debt funds to develop the business.
- The loan will have a 7 year term with a $6 \%$ interest rate.


### 7.2 Sensitivity Analysis

In the event of an economic downturn, the business may have a decline in its revenues. Cigars are non-essential items, and as such, customers will have less discretionary income to purchase these goods in an economic recession. However, the high gross margins generated from sales (both retail and online) will ensure that the Cigar Bar can remain profitable and cash flow positive in any economic climate.

### 7.3 Source of Funds

| Financing |  |
| :--- | ---: |
| Equity Contributions |  |
| Management Investment | $\$ 10,000.00$ |
|  |  |
|  | $\$ 10,000.00$ |
|  |  |
| Total Equity Financing | $\$ 100,000.00$ |
| Banks and Lenders | $\$ 100,000.00$ |
| Banks and Lenders | $\$ 110,000.00$ |
| Total Debt Financing |  |

### 7.4 General Assumptions

| General Assumptions |  |  |  |
| :--- | ---: | :--- | :--- | :--- |
| Year | $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ |
| Federal Tax Rate | $25.0 \%$ | $25.0 \%$ | $25.0 \%$ |
| State Tax Rate | $5.0 \%$ | $5.0 \%$ | $5.0 \%$ |
| Personnel Taxes | $7.65 \%$ | $7.65 \%$ | $7.65 \%$ |

### 7.5 Profit and Loss Statements

Proforma Profit and Loss (Yearly)

| Year | 1 | 2 | 3 |
| :---: | :---: | :---: | :---: |
| Sales | \$462,000 | \$508,200 | \$543,774 |
| Cost of Goods Sold | \$81,900 | \$90,090 | \$96,396 |
| Gross Margin | 82.27\% | 82.27\% | 82.27\% |


| Gross Profit | $\$ 380,100$ | $\$ 418,110$ | $\$ 447,378$ |
| :--- | :--- | ---: | ---: |


| Expenses | $\$ 156,500$ | $\$ 161,195$ | $\$ 166,031$ |
| :--- | ---: | ---: | ---: |
| Payroll | $\$ 20,000$ | $\$ 20,600$ | $\$ 21,218$ |
| General and Administrative | $\$ 3,500$ | $\$ 3,605$ | $\$ 3,713$ |
| Marketing Expenses | $\$ 5,000$ | $\$ 5,150$ | $\$ 5,305$ |
| Professional Fees and Licensure | $\$ 7,500$ | $\$ 7,725$ | $\$ 7,957$ |
| Insurance Costs | $\$ 75,000$ | $\$ 77,250$ | $\$ 79,568$ |
| Rent and Utilities | $\$ 3,000$ | $\$ 3,090$ | $\$ 3,183$ |
| Equipment Maintenance | $\$ 2,500$ | $\$ 2,575$ | $\$ 2,652$ |
| Miscellaneous Costs | $\$ 11,972$ | $\$ 12,331$ | $\$ 12,701$ |
| Payroll Taxes | $\mathbf{\$ 2 8 4 , 9 7 2}$ | $\$ 293,521$ | $\$ 302,327$ |
| Total Operating Costs |  |  |  |


| EBITDA | $\mathbf{\$ 9 5 , 1 2 8}$ | $\mathbf{\$ 1 2 4 , 5 8 9}$ | $\mathbf{\$ 1 4 5 , 0 5 1}$ |
| :--- | ---: | ---: | ---: |
| Federal Income Tax | $\$ 20,569$ | $\$ 28,145$ | $\$ 33,483$ |
| State Income Tax | $\$ 4,114$ | $\$ 5,629$ | $\$ 6,697$ |
| Interest Expense | $\$ 6,529$ | $\$ 5,689$ | $\$ 4,796$ |
| Depreciation Expenses | $\$ 6,321$ | $\$ 6,321$ | $\$ 6,321$ |


| Net Profit | $\$ 57,594$ | $\$ 78,805$ | $\$ 93,753$ |
| :--- | ---: | ---: | ---: |
| Profit Margin | $12.47 \%$ | $15.51 \%$ | $17.24 \%$ |



### 7.6 Cash Flow Analysis

| Proforma Cash Flow Analysis - Yearly |  |  |  |
| :--- | ---: | ---: | ---: |
| Year | 1 | 2 |  |
|  |  |  |  |
| Cash From Operations | $\$ 63,915$ | $\$ 85,126$ | $\$ 100,075$ |
| Cash From Receivables | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| Operating Cash Inflow | $\$ 63,915$ | $\$ 85,126$ | $\mathbf{\$ 1 0 0 , 0 7 5}$ |

Other Cash Inflows

| Equity Investment | $\$ 20,000$ | $\$ 0$ | $\$ 0$ |
| :--- | ---: | ---: | ---: |
| Increased Borrowings | $\$ 115,000$ | $\$ 0$ | $\$ 0$ |
| Sales of Business Assets | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| A/P Increases | $\$ 3,000$ | $\$ 3,090$ | $\$ 3,183$ |
| Total Other Cash Inflows | $\$ 138,000$ | $\$ 3,090$ | $\$ 3,183$ |


| Total Cash Inflow | $\$ 201,915$ | $\$ 88,216$ | $\$ 103,257$ |
| :--- | ---: | ---: | ---: |

Cash Outflows

| Repayment of Principal | $\$ 13,631$ | $\$ 14,471$ | $\$ 15,364$ |
| :--- | ---: | ---: | ---: |
| A/P Decreases | $\$ 2,500$ | $\$ 2,575$ | $\$ 2,652$ |
| A/R Increases | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| Asset Purchases | $\$ 72,500$ | $\$ 2,120$ | $\$ 2,541$ |
| Dividends | $\$ 40,228$ | $\$ 56,524$ | $\$ 67,769$ |
| Total Cash Outflows | $\$ 128,858$ | $\$ 75,690$ | $\$ 88,326$ |


| Net Cash Flow | $\$ 73,057$ | $\$ 12,526$ | $\$ 14,931$ |
| :--- | ---: | ---: | ---: |
| Cash Balance | $\$ 73,057$ | $\$ 85,583$ | $\$ 100,515$ |



### 7.7 Balance Sheet

| Proforma Balance Sheet - Yearly |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | 1 | 2 | 3 |
| Assets |  |  |  |
| Cash | \$73,057 | \$85,583 | \$100,515 |
| Deposits | \$15,000 | \$15,000 | \$15,000 |
| Amortized Costs | \$27,500 | \$27,500 | \$27,500 |
| FF\&E | \$25,000 | \$27,120 | \$29,661 |
| Inventory | \$5,000 | \$5,000 | \$5,000 |
| Accumulated Depreciation | $(\$ 6,321)$ | $(\$ 12,643)$ | $(\$ 18,964)$ |
| Total Assets | \$139,236 | \$147,560 | \$158,711 |

Liabilities and Equity

| Accounts Payable | $\$ 500$ | $\$ 1,015$ | $\$ 1,545$ |
| :--- | ---: | ---: | ---: |
| Long Term Liabilities | $\$ 101,369$ | $\$ 86,898$ | $\$ 72,427$ |
| Other Liabilities | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| Total Liabilities | $\mathbf{\$ 1 0 1 , 8 6 9}$ | $\mathbf{\$ 8 7 , 9 1 3}$ | $\mathbf{\$ 7 3 , 9 7 2}$ |


| Equity | $\$ 37,366$ | $\$ 59,647$ | $\$ 84,739$ |
| :--- | ---: | ---: | ---: |
| Total Liabilities and Equity | $\$ 139,236$ | $\$ 147,560$ | $\$ 158,711$ |



### 7.8 Breakeven Analysis

| Monthly Break Even Analysis |  |  |  |
| :--- | ---: | ---: | ---: |
| Year | 1 | 2 | 3 |
| Monthly Revenue | $\$ 28,865$ | $\$ 29,731$ | $\$ 30,622$ |
| Yearly Revenue | $\$ 346,375$ | $\$ 356,766$ | $\$ 367,469$ |

## Break Even Analysis



- Monthly Revenue
$\square$ Yearly Revenue


### 7.9 Business Ratios

| Business Ratios - Yearly |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | 1 | 2 | 3 |

Sales

| Sales Growth | $0.0 \%$ | $10.0 \%$ | $7.0 \%$ |
| :--- | ---: | ---: | ---: |
| Gross Margin | $82.3 \%$ | $82.3 \%$ | $82.3 \%$ |

Financials

| Profit Margin | $12.47 \%$ | $15.51 \%$ | $17.24 \%$ |
| :--- | ---: | ---: | ---: |
| Assets to Liabilities | 1.37 | 1.68 | 2.15 |
| Equity to Liabilities | 0.37 | 0.68 | 1.15 |
| Assets to Equity | 3.73 | 2.47 | 1.87 |

Liquidity

| Acid Test | 0.72 | 0.97 | 1.36 |
| :--- | :--- | :--- | :--- |
| Cash to Assets | 0.52 | 0.58 | 0.63 |

## Appendix A-SWOT Analysis

## Strengths

- Many tobacco and alcohol products available through one business.
- Efficient back office support for managing the expansive inventory of Cigar Bar, Inc.
- High gross margins on all sales made through the Company's location.
- Low set up costs for new product lines.
- The ability to offer customers the ability to enjoy their tobacco products at the Company's location in a lounge atmosphere.
- Motivated and experienced Founder/CEO, John Doe.


## Weaknesses

- Adverse market conditions can impact revenue.
- Transportation costs can suddenly increase (limited risk).
- Several competitors operating in targeted New York metropolitan area markets.
- Moderate barriers to entry.


## Opportunities

- Expansion into several facets of the nighttime entertainment and tobacco retailing industry.
- Development of multiple retail locations throughout greater New York metropolitan area.
- Develop expanded relationships with tobacco and alcohol wholesalers.


## Threats

- Decreases in the general output of the economy can impact the business's ability to generate sales.


## Appendix B - Three Year Profit and Loss Statement

| Profit and Loss Statement (First Year) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Months | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Sales | \$30,800 | \$30,800 | \$30,800 | \$46,200 | \$46,200 | \$46,200 | \$46,200 |
| Cost of Goods Sold | \$5,460 | \$5,460 | \$5,460 | \$8,190 | \$8,190 | \$8,190 | \$8,190 |
| Gross Margin | 82.3\% | 82.3\% | 82.3\% | 82.3\% | 82.3\% | 82.3\% | 82.3\% |
|  |  |  |  |  |  |  |  |
| Gross Profit | \$25,340 | \$25,340 | \$25,340 | \$38,010 | \$38,010 | \$38,010 | \$38,010 |

Expenses

| Payroll | $\$ 13,042$ | $\$ 13,042$ | $\$ 13,042$ | $\$ 13,042$ | $\$ 13,042$ | $\$ 13,042$ | $\$ 13,042$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| General and Administrative | $\$ 1,667$ | $\$ 1,667$ | $\$ 1,667$ | $\$ 1,667$ | $\$ 1,667$ | $\$ 1,667$ | $\$ 1,667$ |
| Marketing Expenses | $\$ 292$ | $\$ 292$ | $\$ 292$ | $\$ 292$ | $\$ 292$ | $\$ 292$ | $\$ 292$ |
| Professional Fees and Licensure | $\$ 417$ | $\$ 417$ | $\$ 417$ | $\$ 417$ | $\$ 417$ | $\$ 417$ | $\$ 417$ |
| Insurance Costs | $\$ 625$ | $\$ 625$ | $\$ 625$ | $\$ 625$ | $\$ 625$ | $\$ 625$ | $\$ 625$ |
| Rent and Utilities | $\$ 6,250$ | $\$ 6,250$ | $\$ 6,250$ | $\$ 6,250$ | $\$ 6,250$ | $\$ 6,250$ | $\$ 6,250$ |
| Equipment Maintenance | $\$ 250$ | $\$ 250$ | $\$ 250$ | $\$ 250$ | $\$ 250$ | $\$ 250$ | $\$ 250$ |
| Miscellaneous Costs | $\$ 208$ | $\$ 208$ | $\$ 208$ | $\$ 208$ | $\$ 208$ | $\$ 208$ | $\$ 208$ |
| Payroll Taxes | $\$ 998$ | $\$ 998$ | $\$ 998$ | $\$ 998$ | $\$ 998$ | $\$ 998$ | $\$ 998$ |
| Total Operating Costs | $\$ 23,748$ | $\$ 23,748$ | $\$ 23,748$ | $\$ 23,748$ | $\$ 23,748$ | $\$ 23,748$ | $\$ 23,748$ |


| EBITDA | $\$ 1,592$ | $\$ 1,592$ | $\$ 1,592$ | $\$ 14,262$ | $\$ 14,262$ | $\$ 14,262$ | $\$ 14,262$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Federal Income Tax | $\$ 1,371$ | $\$ 1,371$ | $\$ 1,371$ | $\$ 2,057$ | $\$ 2,057$ | $\$ 2,057$ | $\$ 2,057$ |
| State Income Tax | $\$ 274$ | $\$ 274$ | $\$ 274$ | $\$ 411$ | $\$ 411$ | $\$ 411$ | $\$ 411$ |
| Interest Expense | $\$ 575$ | $\$ 569$ | $\$ 564$ | $\$ 558$ | $\$ 553$ | $\$ 547$ | $\$ 541$ |
| Depreciation Expense | $\$ 527$ | $\$ 527$ | $\$ 527$ | $\$ 527$ | $\$ 527$ | $\$ 527$ | $\$ 527$ |


| Net Profit | $-\$ 1,155$ | $-\$ 1,149$ | $-\$ 1,144$ | $\$ 10,709$ | $\$ 10,714$ | $\$ 10,720$ | $\$ 10,726$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |


| Profit and Loss Statement (First Year Cont.) |  |  |  |  |  | 1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Month | 8 | 9 | 10 | 11 | 12 |  |
| Sales | \$46,200 | \$46,200 | \$30,800 | \$30,800 | \$30,800 | \$462,000 |
| Cost of Goods Sold | \$8,190 | \$8,190 | \$5,460 | \$5,460 | \$5,460 | \$81,900 |
| Gross Margin | 82.3\% | 82.3\% | 82.3\% | 82.3\% | 82.3\% | 82.3\% |
|  |  |  |  |  |  |  |
| Gross Profit | \$38,010 | \$38,010 | \$25,340 | \$25,340 | \$25,340 | \$380,100 |

Expenses

| Payroll | $\$ 13,042$ | $\$ 13,042$ | $\$ 13,042$ | $\$ 13,042$ | $\$ 13,042$ | $\$ 156,500$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| General and Administrative | $\$ 1,667$ | $\$ 1,667$ | $\$ 1,667$ | $\$ 1,667$ | $\$ 1,667$ | $\$ 20,000$ |
| Marketing Expenses | $\$ 292$ | $\$ 292$ | $\$ 292$ | $\$ 292$ | $\$ 292$ | $\$ 3,500$ |
| Professional Fees and Licensure | $\$ 417$ | $\$ 417$ | $\$ 417$ | $\$ 417$ | $\$ 417$ | $\$ 5,000$ |
| Insurance Costs | $\$ 625$ | $\$ 625$ | $\$ 625$ | $\$ 625$ | $\$ 625$ | $\$ 7,500$ |
| Rent and Utilities | $\$ 6,250$ | $\$ 6,250$ | $\$ 6,250$ | $\$ 6,250$ | $\$ 6,250$ | $\$ 75,000$ |
| Equipment Maintenance | $\$ 250$ | $\$ 250$ | $\$ 250$ | $\$ 250$ | $\$ 250$ | $\$ 3,000$ |
| Miscellaneous Costs | $\$ 208$ | $\$ 208$ | $\$ 208$ | $\$ 208$ | $\$ 208$ | $\$ 2,500$ |
| Payroll Taxes | $\$ 998$ | $\$ 998$ | $\$ 998$ | $\$ 998$ | $\$ 998$ | $\$ 11,972$ |
| Total Operating Costs | $\$ 23,748$ | $\$ 23,748$ | $\$ 23,748$ | $\$ 23,748$ | $\$ 23,748$ | $\$ 284,972$ |
|  |  |  |  |  |  |  |
| EBITDA |  |  |  |  |  |  |
| Federal Income Tax | $\$ 14,262$ | $\$ 14,262$ | $\$ 1,592$ | $\$ 1,592$ | $\$ 1,592$ | $\$ 95,128$ |
| State Income Tax | $\$ 2,057$ | $\$ 2,057$ | $\$ 1,371$ | $\$ 1,371$ | $\$ 1,371$ | $\$ 20,569$ |
| Interest Expense | $\$ 411$ | $\$ 411$ | $\$ 274$ | $\$ 274$ | $\$ 274$ | $\$ 4,114$ |
| Depreciation Expense | $\$ 536$ | $\$ 530$ | $\$ 524$ | $\$ 518$ | $\$ 513$ | $\$ 6,529$ |


| Net Profit | $\$ 10,731$ | $\$ 10,737$ | $-\$ 1,104$ | $-\$ 1,099$ | $-\$ 1,093$ | $\$ 57,594$ |
| :--- | :--- | ---: | ---: | ---: | ---: | ---: |

Profit and Loss Statement (Second Year)

| Quarter | Q1 | Q2 | Q3 | Q4 | 2 |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Sales | $\$ 101,640$ | $\$ 152,460$ | $\$ 152,460$ | $\$ 101,640$ | $\$ 508,200$ |
| Cost of Goods Sold | $\$ 18,018$ | $\$ 27,027$ | $\$ 27,027$ | $\$ 18,018$ | $\$ 90,090$ |
| Gross Margin | $82.3 \%$ | $82.3 \%$ | $82.3 \%$ | $82.3 \%$ | $82.3 \%$ |


| Gross Profit | $\$ 83,622$ | $\$ 125,433$ | $\$ 125,433$ | $\$ 83,622$ | $\$ 418,110$ |
| :--- | :--- | ---: | ---: | ---: | ---: |

## Expenses

| Payroll | $\$ 32,239$ | $\$ 48,359$ | $\$ 48,359$ | $\$ 32,239$ | $\$ 161,195$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| General and Administrative | $\$ 4,120$ | $\$ 6,180$ | $\$ 6,180$ | $\$ 4,120$ | $\$ 20,600$ |
| Marketing Expenses | $\$ 721$ | $\$ 1,082$ | $\$ 1,082$ | $\$ 721$ | $\$ 3,605$ |
| Professional Fees and Licensure | $\$ 1,030$ | $\$ 1,545$ | $\$ 1,545$ | $\$ 1,030$ | $\$ 5,150$ |
| Insurance Costs | $\$ 1,545$ | $\$ 2,318$ | $\$ 2,318$ | $\$ 1,545$ | $\$ 7,725$ |
| Rent and Utilities | $\$ 19,313$ | $\$ 19,313$ | $\$ 19,313$ | $\$ 19,313$ | $\$ 77,250$ |
| Equipment Maintenance | $\$ 618$ | $\$ 927$ | $\$ 927$ | $\$ 618$ | $\$ 3,090$ |
| Miscellaneous Costs | $\$ 515$ | $\$ 773$ | $\$ 773$ | $\$ 515$ | $\$ 2,575$ |
| Payroll Taxes | $\$ 2,466$ | $\$ 3,699$ | $\$ 3,699$ | $\$ 2,466$ | $\$ 12,331$ |
| Total Operating Costs | $\$ \mathbf{6 2 , 5 6 7}$ | $\$ 84,194$ | $\$ 84, \mathbf{1 9 4}$ | $\$ 62,567$ | $\$ \mathbf{2 9 3} \mathbf{5 2 1}$ |


| EBITDA | $\mathbf{\$ 2 1 , 0 5 5}$ | $\mathbf{\$ 4 1 , 2 3 9}$ | $\$ 41, \mathbf{2 3 9}$ | $\mathbf{\$ 2 1 , 0 5 5}$ | $\mathbf{\$ 1 2 4 , 5 8 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Federal Income Tax | $\$ 5,629$ | $\$ 8,443$ | $\$ 8,443$ | $\$ 5,629$ | $\$ 28,145$ |
| State Income Tax | $\$ 1,126$ | $\$ 1,689$ | $\$ 1,689$ | $\$ 1,126$ | $\$ 5,629$ |
| Interest Expense | $\$ 1,503$ | $\$ 1,450$ | $\$ 1,395$ | $\$ 1,341$ | $\$ 5,689$ |
| Depreciation Expense | $\$ 1,580$ | $\$ 1,580$ | $\$ 1,580$ | $\$ 1,580$ | $\$ 6,321$ |


| Net Profit | $\$ 11,217$ | $\$ 28,077$ | $\$ 28,131$ | $\$ 11,380$ | $\$ 78,805$ |
| :--- | ---: | ---: | ---: | ---: | ---: |

## Profit and Loss Statement (Third Year)

3

| Quarter | Q1 | Q2 | Q3 | Q4 | 3 |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Sales | $\$ 108,755$ | $\$ 163,132$ | $\$ 163,132$ | $\$ 108,755$ | $\$ 543,774$ |
| Cost of Goods Sold | $\$ 19,279$ | $\$ 28,919$ | $\$ 28,919$ | $\$ 19,279$ | $\$ 96,396$ |
| Gross Margin | $82.3 \%$ | $82.3 \%$ | $82.3 \%$ | $82.3 \%$ | $82.3 \%$ |


| Gross Profit | $\$ 89,476$ | $\$ 134,213$ | $\$ 134,213$ | $\$ 89,476$ | $\$ 447,378$ |
| :--- | ---: | ---: | ---: | ---: | ---: |

Expenses

| Payroll | $\$ 33,206$ | $\$ 49,809$ | $\$ 49,809$ | $\$ 33,206$ | $\$ 166,031$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| General and Administrative | $\$ 4,244$ | $\$ 6,365$ | $\$ 6,365$ | $\$ 4,244$ | $\$ 21,218$ |
| Marketing Expenses | $\$ 743$ | $\$ 1,114$ | $\$ 1,114$ | $\$ 743$ | $\$ 3,713$ |
| Professional Fees and Licensure | $\$ 1,061$ | $\$ 1,591$ | $\$ 1,591$ | $\$ 1,061$ | $\$ 5,305$ |
| Insurance Costs | $\$ 1,591$ | $\$ 2,387$ | $\$ 2,387$ | $\$ 1,591$ | $\$ 7,957$ |
| Rent and Utilities | $\$ 19,892$ | $\$ 19,892$ | $\$ 19,892$ | $\$ 19,892$ | $\$ 79,568$ |
| Equipment Maintenance | $\$ 637$ | $\$ 955$ | $\$ 955$ | $\$ 637$ | $\$ 3,183$ |
| Miscellaneous Costs | $\$ 530$ | $\$ 796$ | $\$ 796$ | $\$ 530$ | $\$ 2,652$ |
| Payroll Taxes | $\$ 2,540$ | $\$ 3,810$ | $\$ 3,810$ | $\$ 2,540$ | $\$ 12,701$ |
| Total Operating Costs | $\$ 64,444$ | $\$ 86,720$ | $\$ 86,720$ | $\$ 64,444$ | $\$ 302,327$ |
|  |  |  |  |  |  |
| EBITDA | $\$ 25,032$ | $\$ 47,494$ | $\$ 47,494$ | $\$ 25,032$ | $\$ 145,051$ |
| Federal Income Tax | $\$ 6,697$ | $\$ 10,045$ | $\$ 10,045$ | $\$ 6,697$ | $\$ 33,483$ |
| State Income Tax | $\$ 1,339$ | $\$ 2,009$ | $\$ 2,009$ | $\$ 1,339$ | $\$ 6,697$ |
| Interest Expense | $\$ 1,285$ | $\$ 1,228$ | $\$ 1,171$ | $\$ 1,112$ | $\$ 4,796$ |
| Depreciation Expense | $\$ 1,580$ | $\$ 1,580$ | $\$ 1,580$ | $\$ 1,580$ | $\$ 6,321$ |


| Net Profit | $\$ 14,131$ | $\$ 32,631$ | $\$ 32,689$ | $\$ 14,303$ | $\$ 93,753$ |
| :--- | ---: | ---: | ---: | ---: | ---: |

## Appendix C - Three Year Cash Flow Analysis

| Cash Flow Analysis (First Year) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Cash From Operations | -\$628 | -\$623 | -\$617 | \$11,236 | \$11,241 | \$11,247 | \$11,253 | \$11,258 |
| Cash From Receivables | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Operating Cash Inflow | -\$628 | -\$623 | -\$617 | \$11,236 | \$11,241 | \$11,247 | \$11,253 | \$11,258 |

## Other Cash Inflows

| Equity Investment | $\$ 20,000$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Increased Borrowings | $\$ 115,000$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| Sales of Business Assets | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| A/P Increases | $\$ 250$ | $\$ 250$ | $\$ 250$ | $\$ 250$ | $\$ 250$ | $\$ 250$ | $\$ 250$ | $\$ 250$ |
| Total Other Cash Inflows | $\$ 135,250$ | $\$ 250$ | $\$ 250$ | $\$ 250$ | $\mathbf{\$ 2 5 0}$ | $\mathbf{\$ 2 5 0}$ | $\$ 250$ | $\$ 250$ |


| Total Cash Inflow | $\$ 134,622$ | $-\$ 373$ | $-\$ 367$ | $\$ 11,486$ | $\$ 11,491$ | $\$ 11,497$ | $\$ 11,503$ | $\$ 11,508$ |
| :--- | :--- | :--- | ---: | ---: | ---: | ---: | ---: | ---: |

Cash Outflows

| Repayment of Principal | $\$ 1,105$ | $\$ 1,111$ | $\$ 1,116$ | $\$ 1,122$ | $\$ 1,127$ | $\$ 1,133$ | $\$ 1,139$ | $\$ 1,144$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| A/P Decreases | $\$ 208$ | $\$ 208$ | $\$ 208$ | $\$ 208$ | $\$ 208$ | $\$ 208$ | $\$ 208$ | $\$ 208$ |
| A/R Increases | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| Asset Purchases | $\$ 72,500$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| Dividends | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| Total Cash Outflows | $\$ 73,813$ | $\$ 1,319$ | $\$ 1,324$ | $\$ 1,330$ | $\$ 1,336$ | $\$ 1,341$ | $\$ 1,347$ | $\$ 1,353$ |


| Net Cash Flow | $\$ 60,808$ | $-\$ 1,692$ | $-\$ 1,692$ | $\$ 10,156$ | $\$ 10,156$ | $\$ 10,156$ | $\$ 10,156$ | $\$ 10,156$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Cash Balance | $\$ 60,808$ | $\$ 59,117$ | $\$ 57,425$ | $\$ 67,581$ | $\$ 77,737$ | $\$ 87,892$ | $\$ 98,048$ | $\$ 108,204$ |

Cash Flow Analysis (First Year Cont.)

| Month | 9 | 10 | 11 | 12 | 1 |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Cash From Operations | $\$ 11,264$ | $-\$ 577$ | $-\$ 572$ | $-\$ 566$ | $\$ 63,915$ |
| Cash From Receivables | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| Operating Cash Inflow | $\$ 11,264$ | $-\$ 577$ | $-\$ 572$ | $\mathbf{- \$ 5 6 6}$ | $\$ 63,915$ |

Other Cash Inflows

| Equity Investment | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 20,000$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Increased Borrowings | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 115,000$ |
| Sales of Business Assets | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| A/P Increases | $\$ 250$ | $\$ 250$ | $\$ 250$ | $\$ 250$ | $\$ 3,000$ |
| Total Other Cash Inflows | $\$ 250$ | $\$ 250$ | $\$ 250$ | $\$ 250$ | $\$ 138,000$ |


| Total Cash Inflow | $\$ 11,514$ | $-\$ 327$ | $-\$ 322$ | $-\$ 316$ | $\$ 201,915$ |
| :--- | :--- | :--- | :--- | :--- | :--- |

Cash Outflows

| Repayment of Principal | $\$ 1,150$ | $\$ 1,156$ | $\$ 1,161$ | $\$ 1,167$ | $\$ 13,631$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| A/P Decreases | $\$ 208$ | $\$ 208$ | $\$ 208$ | $\$ 208$ | $\$ 2,500$ |
| A/R Increases | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| Asset Purchases | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 72,500$ |
| Dividends | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 40,228$ | $\$ 40,228$ |
| Total Cash Outflows | $\$ 1,358$ | $\$ 1,364$ | $\$ 1,370$ | $\$ 41,603$ | $\$ 128,858$ |


| Net Cash Flow | $\$ 10,156$ | $-\$ 1,692$ | $-\$ 1,692$ | $-\$ 41,919$ | $\$ 73,057$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Cash Balance | $\$ 118,359$ | $\$ 116,668$ | $\$ 114,976$ | $\$ 73,057$ | $\$ 73,057$ |

## Cash Flow Analysis (Second Year)

2

| Quarter | Q1 | Q2 | Q3 | Q4 | 2 |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Cash From Operations | $\$ 12,798$ | $\$ 29,657$ | $\$ 29,712$ | $\$ 12,960$ | $\$ 85,126$ |
| Cash From Receivables | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| Operating Cash Inflow | $\mathbf{\$ 1 2 , 7 9 8}$ | $\$ 29,657$ | $\$ 29,712$ | $\$ 12,960$ | $\$ 85,126$ |

Other Cash Inflows

| Equity Investment | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Increased Borrowings | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| Sales of Business Assets | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| A/P Increases | $\$ 618$ | $\$ 927$ | $\$ 927$ | $\$ 618$ | $\$ 3,090$ |
| Total Other Cash Inflows | $\$ 618$ | $\$ 927$ | $\$ 927$ | $\$ 618$ | $\$ 3,090$ |


| Total Cash Inflow | $\$ 13,416$ | $\$ 30,584$ | $\$ 30,639$ | $\$ 13,578$ | $\$ 88,216$ |
| :--- | :--- | :--- | ---: | ---: | ---: |

Cash Outflows

| Repayment of Principal | $\$ 3,537$ | $\$ 3,590$ | $\$ 3,644$ | $\$ 3,699$ | $\$ 14,471$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| A/P Decreases | $\$ 515$ | $\$ 773$ | $\$ 773$ | $\$ 515$ | $\$ 2,575$ |
| A/R Increases | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| Asset Purchases | $\$ 424$ | $\$ 636$ | $\$ 636$ | $\$ 424$ | $\$ 2,120$ |
| Dividends | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 56,524$ | $\$ 56,524$ |
| Total Cash Outflows | $\$ 4,476$ | $\$ 4,999$ | $\$ 5,053$ | $\$ 61,163$ | $\$ 75,690$ |


| Net Cash Flow | $\$ 8,940$ | $\$ 25,586$ | $\$ 25,586$ | $-\$ 47,585$ | $\$ 12,526$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Cash Balance | $\$ 81,997$ | $\$ 107,582$ | $\$ 133,168$ | $\$ 85,583$ | $\$ 85,583$ |

## Cash Flow Analysis (Third Year)

| Quarter | Q1 | Q2 | Q3 | Q4 | 3 |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Cash From Operations | $\$ 20,015$ | $\$ 30,022$ | $\$ 30,022$ | $\$ 20,015$ | $\$ 100,075$ |
| Cash From Receivables | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| Operating Cash Inflow | $\mathbf{\$ 2 0 , 0 1 5}$ | $\mathbf{\$ 3 0 , 0 2 2}$ | $\mathbf{\$ 3 0 , 0 2 2}$ | $\mathbf{\$ 2 0 , 0 1 5}$ | $\mathbf{\$ 1 0 0 , 0 7 5}$ |

Other Cash Inflows

| Equity Investment | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Increased Borrowings | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| Sales of Business Assets | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| A/P Increases | $\$ 637$ | $\$ 955$ | $\$ 955$ | $\$ 637$ | $\$ 3,183$ |
| Total Other Cash Inflows | $\$ 637$ | $\$ 955$ | $\$ 955$ | $\$ 637$ | $\$ 3,183$ |


| Total Cash Inflow | $\$ 20,651$ | $\$ 30,977$ | $\$ 30,977$ | $\$ 20,651$ | $\$ 103,257$ |
| :--- | :--- | ---: | ---: | ---: | ---: |

Cash Outflows

| Repayment of Principal | $\$ 3,755$ | $\$ 3,812$ | $\$ 3,869$ | $\$ 3,928$ | $\$ 15,364$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| A/P Decreases | $\$ 530$ | $\$ 796$ | $\$ 796$ | $\$ 530$ | $\$ 2,652$ |
| A/R Increases | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 0$ |
| Asset Purchases | $\$ 508$ | $\$ 762$ | $\$ 762$ | $\$ 508$ | $\$ 2,541$ |
| Dividends | $\$ 0$ | $\$ 0$ | $\$ 0$ | $\$ 67,769$ | $\$ 67,769$ |
| Total Cash Outflows | $\$ 4,794$ | $\$ 5,370$ | $\$ 5,427$ | $\$ 72,735$ | $\$ 88,326$ |


| Net Cash Flow | $\$ 15,858$ | $\$ 25,607$ | $\$ 25,550$ | $-\$ 52,084$ | $\$ 14,931$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Cash Balance | $\$ 101,441$ | $\$ 127,048$ | $\$ 152,598$ | $\$ 100,515$ | $\$ 100,515$ |

## Appendix D - Loan Amortization Table

| 1 | \$1,680 | \$1,105 | \$575 | \$113,895 |
| :---: | :---: | :---: | :---: | :---: |
| 2 | \$1,680 | \$1,111 | \$569 | \$112,785 |
| 3 | \$1,680 | \$1,116 | \$564 | \$111,668 |
| 4 | \$1,680 | \$1,122 | \$558 | \$110,547 |
| 5 | \$1,680 | \$1,127 | \$553 | \$109,420 |
| 6 | \$1,680 | \$1,133 | \$547 | \$108,287 |
| 7 | \$1,680 | \$1,139 | \$541 | \$107,148 |
| 8 | \$1,680 | \$1,144 | \$536 | \$106,004 |
| 9 | \$1,680 | \$1,150 | \$530 | \$104,854 |
| 10 | \$1,680 | \$1,156 | \$524 | \$103,698 |
| 11 | \$1,680 | \$1,161 | \$518 | \$102,537 |
| 12 | \$1,680 | \$1,167 | \$513 | \$101,369 |
| 13 | \$1,680 | \$1,173 | \$507 | \$100,196 |
| 14 | \$1,680 | \$1,179 | \$501 | \$99,017 |
| 15 | \$1,680 | \$1,185 | \$495 | \$97,832 |
| 16 | \$1,680 | \$1,191 | \$489 | \$96,642 |
| 17 | \$1,680 | \$1,197 | \$483 | \$95,445 |
| 18 | \$1,680 | \$1,203 | \$477 | \$94,242 |
| 19 | \$1,680 | \$1,209 | \$471 | \$93,033 |
| 20 | \$1,680 | \$1,215 | \$465 | \$91,818 |
| 21 | \$1,680 | \$1,221 | \$459 | \$90,598 |
| 22 | \$1,680 | \$1,227 | \$453 | \$89,371 |
| 23 | \$1,680 | \$1,233 | \$447 | \$88,137 |
| 24 | \$1,680 | \$1,239 | \$441 | \$86,898 |
| 25 | \$1,680 | \$1,245 | \$434 | \$85,653 |
| 26 | \$1,680 | \$1,252 | \$428 | \$84,401 |
| 27 | \$1,680 | \$1,258 | \$422 | \$83,143 |
| 28 | \$1,680 | \$1,264 | \$416 | \$81,879 |
| 29 | \$1,680 | \$1,271 | \$409 | \$80,608 |
| 30 | \$1,680 | \$1,277 | \$403 | \$79,331 |
| 31 | \$1,680 | \$1,283 | \$397 | \$78,048 |
| 32 | \$1,680 | \$1,290 | \$390 | \$76,758 |
| 33 | \$1,680 | \$1,296 | \$384 | \$75,462 |
| 34 | \$1,680 | \$1,303 | \$377 | \$74,159 |
| 35 | \$1,680 | \$1,309 | \$371 | \$72,850 |
| 36 | \$1,680 | \$1,316 | \$364 | \$71,534 |
| 37 | \$1,680 | \$1,322 | \$358 | \$70,212 |
| 38 | \$1,680 | \$1,329 | \$351 | \$68,883 |
| 39 | \$1,680 | \$1,336 | \$344 | \$67,547 |
| 40 | \$1,680 | \$1,342 | \$338 | \$66,205 |
| 41 | \$1,680 | \$1,349 | \$331 | \$64,856 |
| 42 | \$1,680 | \$1,356 | \$324 | \$63,501 |
| 43 | \$1,680 | \$1,362 | \$318 | \$62,138 |
| 44 | \$1,680 | \$1,369 | \$311 | \$60,769 |
| 45 | \$1,680 | \$1,376 | \$304 | \$59,393 |
| 46 | \$1,680 | \$1,383 | \$297 | \$58,010 |
| 47 | \$1,680 | \$1,390 | \$290 | \$56,620 |


| 48 | \$1,680 | \$1,397 | \$283 | \$55,223 |
| :---: | :---: | :---: | :---: | :---: |
| 49 | \$1,680 | \$1,404 | \$276 | \$53,819 |
| 50 | \$1,680 | \$1,411 | \$269 | \$52,408 |
| 51 | \$1,680 | \$1,418 | \$262 | \$50,990 |
| 52 | \$1,680 | \$1,425 | \$255 | \$49,565 |
| 53 | \$1,680 | \$1,432 | \$248 | \$48,133 |
| 54 | \$1,680 | \$1,439 | \$241 | \$46,694 |
| 55 | \$1,680 | \$1,447 | \$233 | \$45,247 |
| 56 | \$1,680 | \$1,454 | \$226 | \$43,793 |
| 57 | \$1,680 | \$1,461 | \$219 | \$42,332 |
| 58 | \$1,680 | \$1,468 | \$212 | \$40,864 |
| 59 | \$1,680 | \$1,476 | \$204 | \$39,388 |
| 60 | \$1,680 | \$1,483 | \$197 | \$37,905 |
| 61 | \$1,680 | \$1,490 | \$190 | \$36,415 |
| 62 | \$1,680 | \$1,498 | \$182 | \$34,917 |
| 63 | \$1,680 | \$1,505 | \$175 | \$33,411 |
| 64 | \$1,680 | \$1,513 | \$167 | \$31,899 |
| 65 | \$1,680 | \$1,520 | \$159 | \$30,378 |
| 66 | \$1,680 | \$1,528 | \$152 | \$28,850 |
| 67 | \$1,680 | \$1,536 | \$144 | \$27,314 |
| 68 | \$1,680 | \$1,543 | \$137 | \$25,771 |
| 69 | \$1,680 | \$1,551 | \$129 | \$24,220 |
| 70 | \$1,680 | \$1,559 | \$121 | \$22,661 |
| 71 | \$1,680 | \$1,567 | \$113 | \$21,094 |
| 72 | \$1,680 | \$1,575 | \$105 | \$19,520 |
| 73 | \$1,680 | \$1,582 | \$98 | \$17,937 |
| 74 | \$1,680 | \$1,590 | \$90 | \$16,347 |
| 75 | \$1,680 | \$1,598 | \$82 | \$14,749 |
| 76 | \$1,680 | \$1,606 | \$74 | \$13,142 |
| 77 | \$1,680 | \$1,614 | \$66 | \$11,528 |
| 78 | \$1,680 | \$1,622 | \$58 | \$9,906 |
| 79 | \$1,680 | \$1,630 | \$50 | \$8,275 |
| 80 | \$1,680 | \$1,639 | \$41 | \$6,637 |
| 81 | \$1,680 | \$1,647 | \$33 | \$4,990 |
| 82 | \$1,680 | \$1,655 | \$25 | \$3,335 |
| 83 | \$1,680 | \$1,663 | \$17 | \$1,672 |
| 84 | \$1,680 | \$1,672 | \$8 | \$0 |

