CHRISTIAN SERVICE UNIVERSITY COLLEGE - KUMASI

DEPARTMENT OF BUSINESS STUDIES BARCHELOR OF BUSINESS ADMINISTRATION

BROADBASE SANITATION CO. LTD

BUSINESS PLAN

BY

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DOMFE DESMOND

BOADI FRANK

DECEMBER, 2011



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A BUSINESS PLAN SUBMITTED TO THE DEPARTMENT OF BUSINESS STUDIES OF CHRISTIAN SERVICE UNIVERSITY COLLEGE, KUMASI IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE COURSE CSAD 443 TEAM BUSINESS PROPOSALS

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STATEMENT OF AUTHENTICITY

We have read the Christian Service University College's regulations relating to plagiarism and certify that this Business Plan is all our work and do not contain any unacknowledged work from any other source. We also declare that we have been under supervision for this Business Plan herein submitted.

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EXECUTIVE SUMMARY

BROAD-BASE SANITATION COMPANY LTD (B B S) is a sanitation service company to undertake a variety of cleaning services. It is owned by Mr. Desmond Kwame Domfe, Richard Kwarteng Boadu, Henrietha Oppong-Adjei, Frank Boadi and EvansAdjei-Mensah. To raise the value of investors funds, this Business Plan seeks to create a blue-print for all operations of B B S.

OBJECTIVES OF THE BUSINESS PLAN

To practically establish an operational guidance by which management of B B S would follow to achieve a pre-determined objective.

METHODOLOGY

The current level of services enjoyed by most institutions appears to be either permanent recruitment or individuals who render unstructured services. It is against this background that, desk research and surveys were conducted to gather data reliable enough to inform management of B B S about the future directions. The assets, projected income and expenditure as well as the working capital requirements of B B S were done in collaboration with the owners. B B S targets Kumasi Metropolis and has a number of competitors. Dominant among them are Zoomlion and Ke-Clean Sanitation services. B B S intends to use the latest technology to provide cleaning services on contract basis to institutions and individuals at the upper class level.

The initial funds requested by management GH¢97,500 contributed by managers to be paid back in three years. This debt would cover office space and furnishing, equipments, two slightly used TATA Pick-Up vans, advertising and operational cost. A three-year projected financial analysis of the company's services resulted in a gain of GH¢6,594 net profit in the first year of operation increasing steadily of GH¢14,479 GH¢27,106 in the second and third year respectively. Cash flow projections revealed that BroadBase Sanitation Company Limited will have a positive net present value of GH¢10,652 by the close of the third year indicating the company's vialuation.

nitro PDF* professional

MISSION STATEMENT OF B B S CO. LTD

We would strive as corporate, to provide professional values for money and on time cleaning services to our cherished clients or customers.

VISION STATEMENT OF B B S CO. LTD

We aspire to become a sustainable business entity and to attain market leadership position with our innovative and professional services powered by integrity in our chosen segment of the sanitation industry across the ten (10) regions of Ghana.

CORPORATE OBJECTIVE

- To become the market leader in our chosen segment of the sanitation industry within Kumasi Metropolis by the end of the third year.
- To be the most innovative and technologically inclined organization within the sanitation industry by the end of the third year
- To raise return on investment by 32% at the end of the third year.

COMPANY'S LOGO





1.0 ORGANISATION

1.1 BUSINESS BACKGROUND

The owners of this business realized the need to start such a company as a result of sanitation

service failure experienced in most of our institution. It could be observed that, washrooms are left

unattended to, lawns not properly shaped, spill over at lecture halls and compounds,

inconsistencies of the unskilled labourers, even our noble CSUC falls as a victim to the above

lapses and circumstances.

Afterwards, a cursory desk research was conducted to find out sanitation firms or companies in

Ghana, it was narrowed down to Ashanti Region. We discovered that, less than 15 companies

operate in Ghana in the Sanitation industry with Kumasi Metropolis having less than five (5) with

one targeting our target market with great service failures. To be certain, we further conducted a

survey on our target market which confirmed the need for a reliable and truly clean service

provider. As entrepreneurs, it is against this background that prompted us to pool resources

together to address such lapses. However, due to our fresh entry into the market, we restricted

operation within Kumasi Metropolis and have the intention to expand to other parts of the country.

1.2 NAME, LOCATION AND ADDRESS

COMPANY NAME: BROAD-BASE SANITATION COMPANY LIMITED (B B S CO. LTD)

LEGAL STATUS:

This company is a limited liability company registered under the

Companies code and regulations 1963 (Act 179).

OFFICE LOCATION:

Prime plaza building, Melcom road- Ahodwo, opposite

Barclays Bank of Ghana

POSTAL ADDRESS:

Post Office Box AH 8125, Ahinsan – Kumasi.

WEBSITE:

www.bbscoltd.org.com

E-MAIL: <u>bbscoltd@yahoo.com</u>

TLEPHONE NOS: 0322031826 / 0545014714 / 0243166946 / 0207891729

BANKERS: Barclays Bank of Ghana, SG-SSB Ghana Ltd

LEGAL ADVISOR: Lawyer Paul Adu-Gyamfi (Adu-Gyamfi & Associates)

Solicitor, Advocate & Notary Public-(Pampaso-Adum)

1.3 BUSINESS MOTTO

"Once we are there, the place is clean".

1.4 BUSINESS VALUES

- Professional and innovative cleaning services
- Integrity
- On-time services

1.5 NATURE OF BUSINESS

The main services that would be provided by B B S are enumerated below;

- Floor buffing
- Floor scrubbing and polishing
- Washroom and Office cleaning
- Mowing and lawn cutting
- Shampooing of carpet

The market that would be targeted are;

- Institutions like banks, universities, polytechnics,
- Ministries like Churches, judiciary etc
- Upper-class individuals



1.6 WORKFORCE

PERSONNEL	NUMBER OF PERSONS
Managing Director	1
Line Managers	4
Security	1
Secretary	1
Accounts Clerk	1
Drivers	2
Labourers / Cleaners	<u>10</u>
Total	20

1.7 DATE OF COMMENCEMENT

Broad-Base Sanitation Company Ltd would be incorporated on 24th October, 2011 and would commence business on the 2nd January, 2012.

1.8 BUSINESS STRATEGY

B B S wishes to employ the differentiation focused strategy which provides value for money to clients through unique professional services at a lower rate. With this strategy B B S seeks to charge a little lower than the going rate for our professional services to enable us have our return on investment at the shortest possible time. B B S will use enhanced technology, suitable communication skills and professionalism as a tool to deliver efficient and effective services to our target market.

1.8.1 COMMUNICATION TOOL

Following our strategic choice of differentiation, B B S has decided to use the following communication strategy.



Push Strategy

By this strategy B B S would employ the services of our marketing Manager who is highly skilled in personal selling to come up with succinct brochures and leaflets would be displayed at the various shopping centers of the services we offer. We would aim at managers, procurement officers, directors, and principals, presidents of institutions, ministries and landlords to craft a relationship with such group. Our Board of Directors who are strategically selected would be used to help B B S generate sales or contract leads.

Pull Strategy

B B S would use internet adverts, pop ups, direct mail, telephone calls etc to reach most of our target market. B B S would develop large banners and display them at vantage points and residential areas to create public awareness and attract firms and household participation in our services.

Profile Strategy

The objective of B B S under this strategy is to build our corporate identity, image and internal market.

- Corporate identity: B B S would ensure there is consistent usage of our corporate color, logo, and culture in every interaction we make. We would display them on our machines, uniforms, premises, vehicles, offices and even clients site if permitted.
- Corporate image: B B S would embark on a number of public relation exercises on some selected radio stations, to create and establish an elite image for the company. B B S shall also organize institutional presentations for ministries and institutions that fall within our target market. Internally, B B S would periodically organize training and motivational exercise for our employees. We shall as well set challenging targets that attract corresponding rewards to motivate them. All efforts to build team spirit, brain storming to urge creativity would be explored for high service delivery.



2.0 PRODUCT IDEA AND REALISATION SCHEDULE

B B S Ltd brings to the Kumasi Metropolitan market a solution to corporate untidiness. We offer cleanliness as suggested by our motto: "ONCE WE ARE THERE, THE PLACE IS CLEAN"

The unique features of B B S that set us apart from all competitors are;

- The use of latest state of the art technology
- Adherence to schedules, that is timeliness in service delivery (No African Punctuality)
- Consistency: We stick to planed task, no room for inconsistency
- Accuracy: We deliver every service based on customer specification
- A specially trained workforce: B B S workers are highly trained and continuously being trained to always deliver professionally approved services.

The **benefits** associated with our service are that, we make our clients satisfied by offering cleanliness, trustworthiness and consistency in the services we provide. This is practically true as we have well trained and motivated workforce as well as managers with practical experience in the field of operations of over ten years under our sleeves. As a result of this and more, we have the competitive urge over Ke-Clean, Zoom lion and Bethel companies.

2.1 PROCESS OF SERVICE

2.1.1 FLOOR MAINTENANCE (SCRUBBING AND POLISHING)

- Apply stripper mixed with reasonable amount of water on the whole floor and leave to soak for some time, so as to bring out stubborn stains and dirt.
- Scrapper is then used to scrape out stains and dirt that are locked up in corners
- The scrubbing machine is then used to scrub the floor. The corners where the machines couldn't go is manually washed with hand brush



- High pressured suction machine is then used to suck off all the "debris" left after the scrubbing
- A mob and its bucket, half filled with water plus neutralizer, which is mild liquid detergent is then used to wash the whole floor to neutralize the acid based stripper used for the floor scrubbing
- The floor is then left to dry for some time, then a mob bucket with a polish is then used to polish the floor evenly. Double application is needed for quality polishing.

2.1.2 FLOOR BUFFING

• Buffing liquid in a spraying gun. Spray evenly on the floor in bits and run over with the buffing machine

2.1.3 OFFICE AND WASHROOM CLEANING

- Picking and empting of bins by hand(big objects) and floor mopping
- Descalling of WC and sink using detergent, unblocking of WC and sink
- Vacuum Cleaning Using vacuum cleaner
- Applying Air Freshener using mild and strong depending on choice

2.1.4 DUSTING

• Using flickers and dusters for the dusting.

2.1.5 SHAMPOOING OF CARPET

• A measured amount of a carpet cleaning detergent is poured into the carpet Cleaner (machine). The machine which has a mechanism underneath it, thoroughly washes the carpet and at the same time dries it. The worker only has to roll the machine over every area of the carpet that needed to be washed.



2.2 SUPPLIERS

2.2.1 EQUIPMENTS

C WOERMAN Ltd, a well resourceful dealer in equipments and machinery for sanitation services. We have entered into an agreement with them to supply essential equipments for our job.



2.2.2 DETERGENTS

B B S has also gone into negotiations with PZ and Johnson for the supply of essential detergents for our cleaning services. Among some of our detergents are

- Stripper Acid based solution for scrubbing floors marbles, tiles,
 terrazzo
- Neutralizer Liquid detergent for neutralizing after stripper application on floors
- Discaler Chemicals for discaling urinal, water closets etc
- Harpic Detergent for daily cleaning of toilet bowls

- TD40 Strong detergent for bringing out stubborn stains in water closets, sinks and urinals
- Jiff Daily cleaning of sinks, washing basins etc
- Sanitizer Alcoholic liquid for cleaning telephones receivers etc.
- Urinal Blocks Deodorizing Urinals
- IZAL Strong disinfectant
- Buffing Liquid- For routine maintenance of marbles, tiled, terrazzo floor after scrubbing and polishing

2.3 EVENT SCHEDULE OF B B S

The event schedule of B B S seeks to achieve the following;

- Recruitment and Training of junior staff e.g labourers, Secretary and Drivers.
- Company registration
- Launching of B B S company to commence operation

GANTT CHART

ACTIVITY		ОСТОВЕ	R		N	OVEMBI	:R		DECEM	IBER		
	Week	Week	Week	Week	Week	Week	Week	Week	Week	Week	Week	Week
	1	2	3	4	5	6	7	8	9	10	11	12
mobilization of funds												
Acquisition of ofice, furnishing and equipment												
Registration of company												
Advertising of job vacancies												
Meeting of Board and Management team												
Recruitment and selection of employees				•								
Training selected employees					•							
Preparation of Invitation Cards for launching												
Sending out of invitation cards						•						
Follow up of sent out invitations							1					
Preparation for Launching								•				
Launching												



The time frame for Gantt chart would be from 3rd October, 2011 to 31st December, 2011. Actual day for project launch would be on the 31st December, 2011.

Promoters (the Line managers and the managing director) would see to the smooth process and completion of each of the various activities listed above



3.0 MANAGEMENT TEAM

B B S would be governed by three (3) member Board of Directors. Reporting to the Board is the management team consisting of: Managing Director, Human Resource Manager, Operations Manager, Marketing Manager and Finance Manager.

3.1 PROFILE OF MANAGEMNT TEAM

3.1.1 MANAGING DIRECTOR (MR. DESMOND KWAME DOMFEH)

QUALIFICATION: B B A – Human Resource and BSc degree in Sanitation

EXPERIENCE: Exclusive Cleaning Services (ECS) in London-Ten (10) years.

RESPONSIBILITIES: Coordinating the activities of the functional managers, setting of

corporate policies and objectives with the Board, setting of strategic

decisions.

3.1.2 MARKETING MANAGER (MR. EVANS ADJEI-MENSAH)

QUALIFICATION: B B A-Marketing and Diploma in Chartered Institute of

Marketing (CIM-UK)

EXPERIENCE: Three (3) years as Sales Executive with GLICO Insurance Company.

RESPONSILITIES: To formulate marketing strategies for B B S

To supervise the implementation of marketing programs activities.

3.1.3 OPERATIONS MANAGER (MR. FRANK BOADI)

QUALIFICATION: B B A – Accounting and Diploma in Purchasing and Supply-ICM

EXPERIENCE: Four (4) years as cleaning personnel with Duben Cleaning

Services - London



RESPONSIBILITIES: To organize labourers for daily schedules.

To supervise the entire workforce for effective and efficient service

3.1.4 HUMAN RESOURCE MANAGER (MISS HENRIETHA OPPONG-ADJEI)

QUALIFICATION: B B A (Banking and Finance) and I.C.A (GH) –Level III

EXPERIENCE: Fourteen (14) months as Data Entry Officer and Three (3) years

as Accounts Manager with OLAM Ghana and Kojach Ltd respectively.

RESPONSIBILITIES: To receive daily report from operations manager on labourers to

determine the training needs of workforce.

To examine work processes constantly with MD for effective and

efficient work processes and selecting, recruiting and training

of employees.

3.1.5 FINANCE MANAGER (MR. RICHARD KWARTENG BOADU)

QUALIFICATION: B B A (Accounting) and I.C.A (GH) - Level I1

EXPERIENCE: Four (4) years as Assistant Accountant with Qodesh Micro

Financial Services (QMFS).

RESPONSIBILITIES: To supervise all the financial transactions of the company.

To prepare the quarterly and annual financial statement and

budgets of the company and prepare payroll and SSNIT

contributions of employees.

To brief the Board on Financial issues regarding B B S Financial

Statement.



3.2 **BOARD OF DIRECTORS**

- Dr. Ebenezer Osei Kofi (PhD in Sociology)
- Mr. Owusu Ansah (Ms. Planning)
- Mr. Desmond Kwame Domfeh (Managing Director)

3.2.1 BRIEF PROFILE OF MEMBERS OF B B S BOARD OF DIRECTORS

Dr. Ebenezer Osei Kofi NAME:

QUALIFICATION: PhD in Sociology- University of Gothenburg – Sweden

Master of Social Science-University of Gothenburg-Sweden

Bachelor of Social Science-University of Gothenburg-Sweden

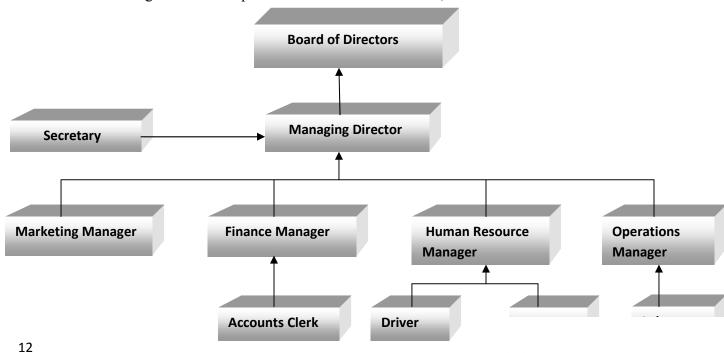
NAME: Mr. Owusu Ansah

Ms Planning – Kwame Nkrumah University of Science and

Technology (KNUST), Obuase municipal Chief Executive.

3.3 **ORGANOGRAM**

Below is the diagrammatical representation of B B S CO LTD;



B B S management has deliberately chosen this structure to reflect the team spirit enshrined in our corporate mission, vision and goals. This structure seeks to integrate the functional managers to work harmoniously with labourers and drivers as well as all the other stakeholders to offer innovative cleaning services to our target market.

Drivers and security would report to Human Resource Manager, the floor labourers will report to the Operations Manager and the Financial Manager would supervise the work of the accounts clerk. All the functional Managers and the Secretary would as well report to the Managing Director and the Managing Director who is ex officio member of the Board would in turn report his activities to the Board of Directors.



4.0 MARKETING ANALYSIS

4.1 MARKETING OBJECTIVES

- To use the promotional mix to raise our customer level by 20% each year.
- To attain not less than 25% increase in revenue annually.
- To raise the B B S brand from obscurity to be the most preferred brand among our target market by the end of the third year.
- To develop a strong internal marketing to the point that each employee would see himself or herself as a partner by the end of the third year.

4.2 MACRO ENVIRONMENT

These are basically factors beyond the control of B B S. However, a good understanding of these factors would enable B B S adjust itself appropriately in the sanitation industry.

4.2.1 POLITICAL

The current relatively stable environment makes businesses that form our target market to be on the increase. B B S can take advantage of that and excel in the Kumasi Metropolis.

4.2.2 ECONOMICAL

Nationally, the country seeks to promote private enterprises as the engine for growth. However, growth has its standards. Waste management and sanitation related enterprises are lorded by the government. More so, a rise in the income levels of people means better services which include sanitation, is expected hence, B B S with its professional offerings becomes a welcoming class within the metropolis.



4.2.3 SOCIO-CULTURAL

The adage that "Cleanliness is next to Godliness" strongly holds in the Ghanaian society and especially in Kumasi metropolis. Most firms and institutions as well as people occupying the upper class esteem clean premises and environment as core part of their service offering hence, a company that can deliver such services in a constant, reliable and professional manner would be viewed as partners. B B S therefore seeks to establish such relationship with its target market.

4.2.4 TECHNOLOGICAL

Kumasi Metropolis is a place given to excellent service. B B S has therefore acquired the latest state of the art equipment, tools and material so as to be able to meet the highly expectant sanitation needs.

4.2.5 ECOLOGICAL

Recent UN, AU, ECOWAS and national awareness campaign on environmental practices that are ecologically friendly has further raised the standard of every service B B S will offer. Processes include cleaning, mopping refuge disposal, transport etc.

4.3 MICRO ENVIRONMENT

In this section, B B S considers all environmental factors which are within the control of its per view. Among such factors are:

4.3.1 LOCATION

B B S office location can be sited at strategic vantage point considering our target market of institutions, ministries, enterprises and shops. By this location it becomes very accessible especially clients who wish to have téte-a-téte dealings with us. We see this as an asset apart from Zoomlion almost all competitors are located in obscure places not readily accessible by clients.



4.3.2 PEOPLE

The human capital at B B S disposal can also be described as a great asset. A Managing Director with BSc degree in Sanitation, work experience in similar role in Europe for over ten years. Besides, other management members with highly trained skills and experiences form different fields, ordinary workers employed are trained and equipped with multi skilled ability to manipulate all the machines and tools used for service delivery.

4.3.3 MACHINES

B B S has acquired state of the art machines for all the services we offer. This makes service delivery efficient and effective enabling us to meet set standards.

4.3.4 FUNDS / CASH

Even though B B S is starting with just GH¢ 97,500.00, it can be observed that prudent Management and favorable leeway created by our suppliers put us in a position where we can compete effectively and efficiently.

4.4 COMPETITOR ANALYSIS

A cursory search on the net and business directory in Ghana revealed that until about seven years ago major sanitation business work was left in the hands of the state. Below are existing competitors in the sanitation business listed according to their sizes and area of specialization.

NO.	COMPETITOR	SALES	NATURE OF COMPETITOR	LOCATION
	NAME	LEVEL		
1	ZOOMLION	HIGH	Solid waste collection	Regional and
			Landfill management	District
			Land scarping and beautification	capitals



	1			
			services	
			Vector control services	
			Fabrication and sale of refuse containers	
2	BETHEL	AVERAGE	Washroom dispensers	Accra
	INDUSTRIES		Cleaning supplies and service for offices,	
			hotels, schools, restaurants and homes	
3	KE - CLEAN	SMALL	Upholstery cleaning	Kumasi
	ENTERPRISE		Laundry services	
			Household cleaning	
4	POCKETS OF	HIGH	Pavement cleaning	
	SANITATION		Office, Washroom	
	CLEANERS		Hard surface care	
	AND		Post construction	
	PERMANENT		Lawn and hedge care etc	
	LABOURERS			
5	BROAD-BASE	NEW	Floor Buffing	Kumasi
	SANITATION		Floor Scraping and Polishing	
	LTD		Washroom cleaning	
			Office cleaning (deep and shallow)	
			Mowing and Lawn cutting	



It could be observed that among the competitors identified Zoomlion is highly entrenched in the sanitation business, strongly recognized and offers broad services. This means Zoomlion is the market leader and holds a greater share of the sanitation market in Ghana including Kumasi Metropolis. However, Zoomlion is into waste management and serving the general public. This makes its service unacceptable by elite firms and institutions who expect unique, professional and technologically enhanced sanitation services. More so, Bethel Industries and other pockets of sanitation cleaners (casual and permanent) are direct Competitors of B B S. They offer the same products of B B S however, Bethel Industries focuses on the Accra Market. Various pockets of sanitation workers are unorganized, inconsistent, lack professional touch. It is against this background that B B S comes in to provide solution to the sanitation needs in institutions, Ministries and homes with professionalism and technology.

4.5 SWOT ANALYSIS

STRENGTH	WEAKNESS
B B S: Professionalism in service delivery	New in the market
Tailor made services	
Consistency	
Technologically enhanced	
Partnership	
OPPORTUNITIES	THREATS
High demand	Presence of unstructured individuals
High income level	offering sanitation
	Services



4.6 MARKET SEGMENTATION

B B S has decided to opt for Kumasi Metropolitan market. We seek to serve both corporate bodies and selected individuals at the upper class.

4.7 TARGET MARKET

Specifically B B S would target institutions, ministries and individual occupying the upper class range with flats, villas and bungalows.

4.8 MARKETING MIX (TACTICS)

4.8.1 PRODUCT

The main services that would be provided by B B S are enumerated below;

- Floor buffing
- Floor scrubbing and polishing
- Washroom and Office cleaning
- Shampooing of carpet
- Mowing and lawn cutting

4.8.2 PRICING

B B S would adopt a penetration strategy that would permeate the targeted market. By this method we shall set our prices a little below the going market prices for rendering such services as we are new in the market. Even though B B S uses complex machines to enhance service delivery, this method of pricing aims at making the offer

- More attractive
- More affordable
- Satisfactory service to our target market.



PRICING SCHEDULE

			Tertiary		
Services	Frequency	Banks	Education	Individuals	Ministries
		GH¢	GH¢	GH¢	GH¢
	Monthly	100/month			
Scrubbing & Polishing	Twice a year		500/visit	200/visit	
	Quarterly				300/visit
Washroom Cleaning	daily		840/month		
Office & Washroom	Daily	100/month			
cleaning					
Floor Buffing	Daily	400/month			
Lawns & Mowing	Monthly		50/month	35/month	
Shampooing of carpet	annually	200/visit		100/visit	
Estimated year					
revenue per client		7,400	7,240	920	1,200

MODE OF RECEIVING PAYMENT

- Clients who wish to pay us by cash would be accepted.
- Those who would also wish to pay through our bankers can also do so by taking our corporate account numbers.

4.8.3 PLACE

Our service offering would be Direct Marketing— that is, we shall reach out to every client personally and render service to them.

4.8.4 PROMOTION/ ADVERTISING

- Personal Selling: The Sales Manager would visit target market to generate sales.
- Advertisement on radio, internet, handbills posters
- Public Relation(PR) radio and specified institutions for presentation
- Direct marketing: Brochures and handbills would be delivered to the mail box of clients.



PROMOTIONAL COST STRUCTURE

•	<u>Media</u>	<u>Cost</u>	<u>Duration</u>	Total Amount
	Radio	GH¢700 per month	8months	GH¢5,600
•	Brochures, Ha	andbills and Banners		<u>GH¢1,400</u>
				GH¢7,000

4.8.5 PEOPLE

Periodic training for our employees enhanced internal market and team formation.

4.8.6 PROCESS

Online registration and personal or office contact.

4.8.7 PHYSICAL EVIDENCE

Uniform dress code, company colour, logo and ambience of the office complex. Receipts and Feedback form from clients would be used.



5.0 FINANCIAL ANALYSIS

5.1 ASSUMPTIONS AND RISK ANALYSIS

5.1.1 ASSUMPTIONS

The following are the assumptions in the financial analysis of B B S business plan.

- That general and administrative expense will increase at a constant rate of 10% per annum after the first year.
- That the cost of capital will be 25% using the average commercial bank lending rate.
- That fees, salaries and wages will increase by 15% per annum.
- That service rate per customer will increase at 5% annually after the first year.
- That corporate tax to be paid will be 25%.

5.1.2 **RISK**

- Injury at work (occupational hazard)
- Labour turnover

5.1.3 CONTINGENCY PLAN

OCCUPATIONAL HAZARDS

- Insured Workers with State Insurance Corporation (SIC)
- Using protective clothing
- Inspection of equipment on daily basis and routine maintenance
- Training of employees on routine basis on how to handle equipment and adhere to safety regulations

LABOUR TURNOVER

• Motivation of employees (financial and nonfinancial)



5.2 CAPITAL STRUCTURE

The owners of the company, constituting the four (4) line managers and the Managing Director would contribute GH¢19,500 each summing up to GH¢97,500 equivalent to \$65,000 to start the proposed company at the exchange rate of GH¢1.50 per dollar.

5.3 B B S PROJECTED INCOME STATEMENT FOR 3 YEARS

	2012 (GH¢)	2013(GH¢)	2014(GH¢)
Revenue (App. 1)	125, 840	158,508	202,423
Less cost of service (App. 2)	(42,000)	(52,692)	(68,296)
Gross Profit	83,840	105,816	134,127
Less: Adm. & Gen. Exp. (App. 3)	(75,048)	(86,547)	(97,985)
Profit before Tax	8,792	19,296	36,142
Tax	<u>(2,198)</u>	<u>(4,817)</u>	(9,036)
Profit after Tax	<u>6,594</u>	14,479	<u>27,106</u>

5.4 B B S PROJECTED BALANCE SHEET FOR 3 YEARS

	2012(GH¢)	2013(GH¢)	2014(GH¢)
Non Current Assets (App.4)	66,600	72,430	63,560
CURRENT ASSETS: Inventory	1,000	1,900	1,700
Bank	37,800	48,520	88,580
Cash	892	<u>540</u>	<u>875</u>
	39,692	50,960	91,155
Less Current Liabilities: Tax	(<u>2,198)</u>	<u>(4,817)</u>	<u>(9,036)</u>



Working Capital	<u>37,494</u>	46,143	82,119
	104,094	118,573	145,679
Financed By:			
Equity	97,500	104,094	118,573
Profit	<u>6,594</u>	14,479	<u>27,106</u>
	104,094	<u>118,573</u>	145,679

5.5 PROJECTED CASHFLOW STATEMENT FOR 3 YEARS

	2012(GH¢)	2013(GH¢)	2014(GH¢)
CASH INFLOWS			
Opening Balance	-	38,692	49,060
Capital	97,500	-	-
Revenue	125,840	<u>158,508</u>	202,423
Total Inflows	223,340	197,200	251,483
CASH OUTFLOWS			
Non-Current Asset	(74,000)	(14,700)	-
Direct Expenses:			
Purchases	(19,000)	(20,472)	(23,660)
Wages	(24,000)	(33,120)	(44,436)
Indirect Expenses:			
General & Administration	(67,648)	(77,650)	(89,115)
Tax	_	(<u>2,198)</u>	(<u>4,817)</u>
Closing Balance	38,692	<u>49,060</u>	<u>89,455</u>



5.6 BREAK-EVEN ANALYSIS

• Breakeven Point = <u>Fixed Cost</u> Contribution / sales ratio

• Contribution / sales ratio = <u>Contribution</u>
Sales or Revenue

2012 GH¢

Sales – Variable Cost

Revenue 125,840

Less Variable Cost:

Contribution

Administrative 9,060 Detergent 17,000 Wages 24000

(50,060) **Contribution 75,780**

Contribution / Sales ratio = $\frac{75,780}{}$ = 0.6

125,840

Total Fixed Cost:

Administration 65,988

Non Current Assent <u>66,600</u>

132,588

Therefore Breakeven Point = $\underline{132,588}$ = $GH \notin 220,980$

0.6

Per the calculations above, this is the amount (GH¢220,980) at which Total Revenue would be equal to Total Cost representing a Breakeven Point. We expect to reach this level within the fourth (4th) year of operation.



5.7 NOTES TO THE ACCOUNT

5.7.1 The financial statement has been prepared in accordance with International Accounting Standards (IAS) and Ghana Accounting Standards (GAS).

5.7.2 Accounting Policies

The following accounting policies have been adopted by B B S Company Ltd

• Basis of Accounting

The financial statement has been prepared according to the Historical Cost Convention.

Fixed Assets and Depreciation

Fixed assets are written off over its expected useful life of 10 years using a rate of 10% to depreciate all assets.

• Inventory (Stocks)

Inventories have been measured at lower of cost and net realizable value.



APPENDIX

1.0 PROJECTED REVENUE FOR 3 YEARS

2012

		2012		
Number of clients	Client's Name	Yearly Charge per Client	Total	
		GH¢	GН¢	
12	Banks	7,400	88,800	
3	Tertiary Institutions	7,280	21,840	
10	Individuals	920	9,200	
_5	Churches	1,200	<u>6,000</u>	
<u>30</u>			125,840	
		2013		
Number of clients	Client's Name	Yearly Charge per Client	Total	
		GH¢	GН¢	
14	Banks	7,770	108,780	
4	Tertiary Institutions	7,644	30,576	
12	Individuals	966	11,592	
5	Churches	1,260	<u>7,560</u>	
<u>36</u>			<u>158,508</u>	
2014				
Number of clients	Client's Name	Yearly Charge per Client	Total	
		GH¢	GH¢	
18	Banks	8,159	146,862	
4	Tertiary Institutions	8,026	32,104	

43			202,423
	Judiciary	1,323	<u>1,323</u>
6	Churches	1,323	7,938
14	Individuals	1,014	14,196

2.0 COST OF SALES

	2012(GH¢)	2013(GH¢)	2014(GH¢)
Opening stock	-	1,000	1,900
Purchase of Detergents	19,000	20,472	23,660
Closing Stock	(1,000)	(1,900)	(1,700)
	16,000	19,572	23,860
Wages	24,000	33,120	44,436
	42,000	52,692	<u>68,296</u>

3.0 GENERAL AND ADMINISTRATIVE EXPENSES

	2012(GH¢)	2013(GH¢)	2014(GH¢)
Salaries	32,280	37,122	42,690
SSNIT	7,598	9,483	11,762
Director's Fee	2,400	2,760	3,174
Legal Fee	300	345	397
Electricity	750	825	906
Advertising	7,000	7,700	8,470
Bank charges	220	242	266
Research and Training 28	1,500	1,650	5

Insurance	4,000		4,800	5,600
Rent	1,200		1,200	1,200
Postage	40		44	48
Motivation	1,300		1,540	1,825
Depreciation	<u>7,400</u>		8,870	<u>8,870</u>
Fixed Adm. Cost		65,988	76,58	87,023
Travelling	5,000		5,500	6,050
Equipment repairs	1,000		1,100	1,210
Communication	1,060		1,166	1,282
Vehicle maintenance	1,500		1,650	1,815
Stationery	<u>500</u>		<u>550</u>	<u>605</u>
Variable Adm. Cost		<u>9,060</u>	<u>9,966</u>	10,962
Total Adm. Cost		75,048	86,54	7 97,985

4.0 FIXED ASSETS SCHEDULE

	Equipment	Vehicle	Furniture &Fittings	Total
	GH¢	GН¢	GH¢	GH¢
Cost at start (2012)	28,000	36,000	10,000	74,000
Additions	-	-	-	-
Disposals			<u> </u>	
	28,000	<u>36,000</u>	10,000	<u>74,000</u>



Depreciation

Balance at start	-	-	-	-
Depreciation for the year	<u>2,800</u>	<u>3,600</u>	1,000	(7,400)
	(2,800)	(3,600)	(1,000)	<u>(7,400)</u>
N B V for 2012	<u>25,200</u>	<u>32,400</u>	9,000	<u>66,600</u>
Cost at start (2013)	28,000	36,000	10,000	74,000
Additions	14,700	-	-	14,700
Disposals				-
	42,700	<u>36,000</u>	10,000	<u>88,700</u>
Depreciation				
Balance at start	2,800	3,600	1,000	7,400
Depreciation for the year	4,270	<u>3,600</u>	<u>1,000</u>	<u>8,870</u>
	(<u>7,070)</u>	(<u>7,200)</u>	(2,000)	(16,270)
N B V for 2013	<u>35,630</u>	<u>28,800</u>	<u>8,000</u>	<u>72,430</u>
Cost at start (2014)	42,700	36,000	10,000	88,700
Additions	-	-	-	-
Disposals				_
	42,700	<u>36,000</u>	10,000	<u>88,700</u>
Depreciation				
Balance at start	7,070	7,200	2,000	16,270
Depreciation for the year	<u>4,270</u>	<u>3,600</u>	<u>1,000</u>	(8,870)
	(11,340)	(10,800)	(<u>3,000)</u>	(25,140)
N B V for 2014	31,360	25,200	7,000	63,560



5.0 INVESTMENT APPRAISAL

Years	Cash flow	Discounted Factor (25%)	Present Value
0	97,500	1.00	(97,500)
1	38,692	0.80	30,954
2	49,060	0.64	31,398
3	89,455	0.512	45,800
		N.P.V	10,652

The positive Net Present Value (N.P.V) is an indication that the project is worthwhile.

PAY BACK:

$$\frac{35,148}{45,800} = \underline{0.8}$$

BBS payback period for the amount invested will be 2 years, 8months.

6.0 RATIOS

6.1 PROFITABILITY

• EFFICIENCY

FIXED ASSET TURNOVER = <u>Sales</u>

Fixed Asset

125,840	1.9	<u>158,508</u>	2.2	<u>202,423</u>	3.2
66,600		72,430		63,560	

SUMMARY OF RATIOS

Ratios	2012	2013	2014
Profitability			
ROCE	8.4%	16.3%	24.8%
Efficiency			
Fixed Asset Turnover	1. 9 times	2.2 times	3.2 times

BBS profitability as shown above increase steadily as a result of efficient operational increase in its fixed asset being able to generate more revenue.

7.0 EMPLOYEE COST SCHEDULE

7.1 SALARIES

	Per month at start	2012(GH¢)	2013(GH¢)	2014(GH¢)
Managing Director (1)	400	4,800	5,520	6,348
Line Managers (4)	320	15,360	17,664	20,313
Drivers (2)	180	4,320	4,968	5,713
Secretary (1)	250	3,000	3,450	3,967
Security (1)	150	1,800	2,070	2,381
Accounts Officer (1)	250	<u>3,000</u>	<u>3,450</u>	3,968
	2,810	32,280	37,122	<u>42,690</u>



7.2 WAGES

Years	No. of Laborers	Basic/month	2012 2013		2014
2012	10	200	24,000	-	-
2013	12	230	-	33,120	-
2014	14	264.50			44,436
			24,000	33,120	44,436
7.3 D	IRECTORS FEE				
			2012 GH¢	2013 GH¢	2014 GH¢
Directors	(3) - GH c 200/quarter		2,400	2,760	3,174
7.4 S	SNIT				
			2012 GH¢	2013 GH¢	2014 GH¢
Salaries			32,280	37,122	42,690
Wages			24,000	33,120	44,436
			56,280	70,242	<u>87,126</u>
Percenta	ge (13.5%)		7,598	9,483	11,762



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APPENDIX 3

BBS SERVICE FORMS

- NAME OF CLIENT:
- INDIVIDUAL:
- INSTITUTION:
- OCCUPATION:
- NATURE OF BUSINESS:
- LOCATION:
- ADDRESS:



•	CONTACT:							
•	TELEPHONE:							
•	MOBILE:							
•	E-MAIL:							
•	TYPE OF SER	VIC	E REC	QUIRI	ED(TIC	CK APP	ROPR	IATELY)
•	() Office cle	eanir	ıg: Maı	ble, Te	errazzo,	Tiles, C	Carpet	
•	() Floor maintenance							
•	() Washroom cleaning							
•	() Lawn and Pavements							
•	CATEGORY OF SERVICE							
•	Deep / detailed including type (a) or (b)							
•	Shallow – part of either types							
•	RATE OF FRE	EQU	ENCY	:				
•	Daily	()					
•	Twice a week	()					
•	Weekly	()					
•	Monthly	()					
•	TERMS OF PAYMENT:							
•	Cash	()					
•	Cheque	()					
•	Others	()					
•	Full Payment		()				
•	Part payment		()				



4.4 OTHER PERSONNELS AND THEIR REQUIRED QUALIFICATIONS

4.4.1 Accounts Clerk

Qualified Applicant shall be required to hold a Diploma in Business Studies (Accounting Option) or its equivalent.

Responsibilities

- The applicant shall assist the Finance Manager in the performance of his duties.
- He/she shall report directly to the Finance Manager in the performance of his or her duties.
- He/she shall receive all cash and make payments on behalf of the company.

• Salary

He/she shall receive a monthly Basic salary of GH¢250.00

4.4.2 Drivers

Qualified personnel shall be required to have:

- A JHS certificate or its equivalent.
- A qualified driving license from DVLA.
- A 3-years driving experience from a reputable institution.
- Ability to work with little or no supervision.

Responsibilities

He will be responsible in sending teams and equipment to our clients' site.

Salary

He shall receive a monthly Basic Salary of GH¢180.

4.4.3 Security

Qualified personnel shall be required to have:

- A JHS certificate or its equivalent.
- A security certificate from a reputable institution.
- A 2- years working experience from a reputable institution.

Responsibilities

- Protection of life and property.
- Monitoring closely visitors and customers who enter the company's premises.
- Prevention of theft.



- · Checking of vehicular movement
- Salary

He shall receive a salary of per month GH¢150.

4.4.4 Secretary

Applicants shall be required to hold a qualification of Diploma in Secretariaship.

Responsibilities

• Salary

The qualified applicant shall receive an amount of GH¢250 as a monthly Basic Salary.

4.4.5 Labourers

A qualified applicant is required to have a JHS certificate or its equivalent and aged between 25 and 35 years

- Responsibilities
- Salary

The qualified applicant shall receive an amount of GH¢200 as a monthly Basic Salary.

However, all persennels in addition to basic salary are a daily canteen and end of year juicy allowances as an incentive. In addition, training programmes will be organised specifically for the labour force to improve efficiency of service provided by BBS.

