A REPORT

ON

STANDARD COSTING OF PRODUCTS OF ROCHE BANGLADESH

PREPARED FOR

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Report - 64

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Dr. Tanbir Ahmed Chowdhury
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Dear Sir,

Here is the internship report on *"Standard Costing of Roche's Healthcare Pharmaceuticals Project."* assigned by the East West University, Dhaka as a partial requirement of BBA program.

In this report, I have prepared a project profile for Roche (BD) Ltd. This report is divided into two parts. The first part is organization part, deals with the history of F. Hoffmann-La- Roche, Roche Bangladesh Ltd., its products, its market share, competitors etc. And in the second part, it deals with the calculation costing of the projects. Though there are many limitations in writing and preparing this report, yet I have tried my best to present my report as good as possible.

I have really enjoyed during my internship program since I got the chance to work in a multinational company and you give me the opportunity to prepare this report. I will be pleased to provide further clarification on this report whenever necessary.

Cordially,

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ACKNOWLEDGEMENT

I would like to express my gratitude to Dr. Tanbir Ahmed Chaowdhury, Associate Professor, Department of Business Administration, East West University, my course instructor, who gave me the full support and opportunity to prepare this report on Standard Costing for Healthcare Pharmaceuticals Limited.

I would also like to express my gratitude to Mr. Hafizur Rahman, manager Finance department of HPL, who gave me the opportunity to prepare this project profile for Health Care Pharmaceuticals Ltd. I believe, this would help me a lot in my coming career life.

I am grateful to Mr. Zillur Rahman, Head of Human Recourse Department, who encouraged and provided me some key information in preparing this report.

I would like to thank Mr. Masud, Asst. manager, Commercial, and Mr. Sharafat for extending their assistance and kind co-operation.

EXECUTIVE SUMMERY

On October 1, 1896 at the young age of 28 years Hoffmann registered in Basel Switzerland a new company. A year earlier in 1895 he had married a 19-year-old girl Adele-La Roche. Fritz Hoffmann Combined his and his wife name to call the new company H. Hoffmann-La-Roche. Now more than 100 years old, Roche is rated as one of the Leading Companies in the world. The spectrum of Roche business operations four Divisions Pharmaceuticals, Diagnostics, Vitamins & fine Chemicals Fragrances & Flavors. The High rating of Roche is not only because of its turn over but more so for its contribution in the field of research and development. A Roche research product is today acknowledged as a wonder drug for treatment of life threatening infections. The world came to know about vitamins through Roche, as it is the pioneer in mass production of various vitamins. It has manufacturing plant almost more than 57 countries of the world. In the year 1998, the foundation of the Roche plant was laid in Rajendrapur Industrial area 47 Km from Dhaka. Within a span of three years the plant was constructed and Roche Bangladesh had already started their production in this December. Manufacturing of Roche Bangladesh Ltd. products will be jointly by the Health Care Pharmaceuticals Ltd. Health Care Pharmaceuticals will manufacture the products under the license of Hoffmann – La Roche. According to the licensee agreement, Roche will render following support to Health Care Pharmaceuticals Ltd.

1. All sorts of consultation and technical support for the Pharma manufacturing plant satisfying the GMP requirements by WHO.
2. Roche will give assistance in the selection, procurement of machinery, which are requirements for the plant.
3. Transfer process and formulations for the manufacturing of Roche products including the analytical specification and the methods of analysis.

4. The Roche experts will make periodic visit to the plant of HPL.
5. Organize training of the technical personnel of HPL in the Roche plants abroad.

Today Roche Bangladesh Business covers both Pharmaceuticals and Diagnostics. In the Pharma market Roche is ranked among the top ten companies while in the Diagnostic Sector Roche Bangladesh is the market leader.

At present the pharmaceutical industry in Bangladesh is very competitive. Though they are doing their business in Bangladesh before East Pakistan, they did not produce the product directly here. They import the products from other established Roche countries, which was too expensive. The general people can't effort that. Now to establish their product in the market of Bangladesh they started to produce their products here and compete with the other Pharmaceuticals.

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ROCHE BANGLADESH

CHAPTER - ONE

1. INTRODUCTION

1.1 Origin of the Report

The Internship Program is an integral part of the BBA degree requirement. After completion of all the required courses and internship in a respected business organization every students should have to submit a report about that organization. Students are sent to different organization to expose them to real life of management situation in business firm for ten to twelve weeks. The theoretical knowledge that we acquired from class lectures, book, journals, periodicals, case studies, etc. are replenished in the practical settings. Here I also get an opportunity to realize the relevance and usefulness of the classroom learning. Hence, Career Service Department of East West University placed me in the Roche Bangladesh Limited from September 01, 2001 to November 30, 2001, with the collaboration with Roche (BD) management for the Internship Program.

1.2 Object of This Report

The main objectives of internship is to gather job experience and to fulfill partial requirements of BBA degree program. After completion of all the required courses and internship in a respected business organization every students should have to submit a report about that organization.

The specific objectives of this report are:

I. To present an overview of Roche Bangladesh Ltd.

II. To appraise the activities of production department of Roche Bangladesh Ltd.

III. To find out the overhead cost and the standard cost of Roche product.

IV. To evaluate the efficiency of Roche Bangladesh Ltd.

V. To suggest recommendation for the development of Roche Bangladesh Ltd.

1.3 Methodology

To carry out this study I had observed their working procedure, their procedure of preparing products, maintaining direct and indirect materials, and so on. I also evaluate the dealings between their supporting financial institutions as primary information. I had interviewed 15 officials to get some important information. I also go through the journals, newsletters, other reports and some books to prepare this report.

The project report is mainly based on the primary data. I also used some secondary data. While I were doing my internship in Roche Bangladesh Ltd. I had visited their factory in Gazipur and collect the information regarding products, fixed costs and also the variable costs.

1.4 Scope

To prepare the report I had collected the information's about the products, products relating documents, the factory overhead as I am preparing my report on standard costing of Roche Bangladesh Ltd.

1.5 Limitation

The report's title fly is "The Standard Costing of Roche Bangladesh Ltd." To prepare this report I had collected different data from different side of Roche Bangladesh I have tried to prepare an accurate project profile for Health Care Pharmaceuticals ltd. According to my abilities. To collect the information I have visited the factory in Gazipur, which was really difficult for me. Time was the only limitation, which affected my report a lot though I got full support from my office and also from my course instructor. As Mr. Hafizur Rahman is the only person to look after the whole finance department it was out of his ability to give me a convenient period of time to help me in preparing the report.

1.6 Report Preview

This report has been organized in the following order-
At first an Introduction has been given on the report.

Chapter 1:

An overview of Roche Bangladesh Limited as an organization with special emphasis to its background, corporate image, quantitative dimension (organization structures, manufacturing product etc.), and functional environment.

Chapter 2:

An overview of production department of Roche Bangladesh Ltd.

Chapter 3:

An appraisal of overhead costing and standard costing of Roche Bangladesh Ltd.

1.7 Background of the Organization

1.7.1 F. Hoffmann - La Roche

Founded between 1894 and 1896, F. Hoffmann – La Roche & Co. was the only chemical company in Basel to confine it self from start to the manufacture of drugs and particularly finished pharmaceuticals. It was also one of the few pharmaceutical companies in the world not founded by a pharmacist or doctor but by an enterprising young businessman who could just as easily have done something else. These factors have left their mark on the development of the company.

On 31 March 1894, twenty-six years old Fritz Hoffmann and Max Carl Tranb, a Munich pharmacist founded the limited partnership Hoffman Tranb & Co. in Basel to manufacture and sell pharmaceutical products. Two and half years later on 1 October 1896, it was registered as F. Hoffman – La Roche & (the origin of short from 'Roche' by which the company is known worldwide today).

Fritz Hoffmann was bom in Basil on 24 October 1868 to Fedrich and Anna Elizabeth, Hoffmann – Merian. Both parents came from old Basil families. The Hoffmann's had been leading silk ribbon manufacturers since the seventeenth century and the Merian produced a number of prominent merchants. Fritz Hoffmann was the third of five children. From 1886 to 1889 he spend a happy apprenticeship with the private bank Piguet & Co. in London followed by another apprenticeship with the pharmacy Bohny, Hollinger & Cie.

In 1889 Bohney Hollinger & Co. bought the business property 3190 square meters in Klien Basil. Bohney, Hollinger & Cie built a small laboratory to manufacture pharmaceutical extracts, ointments, pills essentials oils, linseed – oil varnish and floor polish. They hired Max Carl Tranb, an experienced pharmacist from Munich to manage the operation. Running his apprenticeship Fritz Hoffman and his father had taken a particular interest in the Bohney, Hollinger & Cie. In 1892 Hoffman Merian invested 200,000 Swiss Francs as a silent partner in Bohney, Hollinger & Cie to buy his son a position as authorized officer of the company. Two years later on 31st March 1894, the limited partnership of Hoffman, Tranb & Co. was founded to manufacture and trade in pharmaceuticals and chemicals. Fritz Hoffman – Merian invested 180,000 Swiss Francs as a silent partner. Young Fritz Hoffman contributed 70,000 Swiss Francs. Fritz Hoffman would the responsible for finance and sales and Tranb for production. Hoffman worked hard and in order to expand the company he hired well known chemist and managers.

At the end of the 1894 he become engaged to Adil La Roche, the eighteen years old sister of his friend Enanual La Roche. In autumn 1896 Hoffman and Tranb parted ways. Tranb, who was sufferings from hart trouble had failed to come up with new ideas and had been guilty of occasional business improperties. Hoffman bought Tranbs share for 50,000 Swiss Francs and paid him, a settlement on top of that. And the company was renamed Fritz Hoffman – La Roche & Co. on 1st October 1896.

1.7.2 Pharmaceutical and Research

Since the late nineteenth century tremendous advances in medicine, Biology, chemistry and physics, coupled with steadily rising standards of living in the West, have propelled the pharmaceutical industry along a path of uninterrupted progress. As the twentieth century draws to close this progress shows no sign of flatening. Quite the opposite fundamental breaks through are driving a major new wave of development. The first industrial revolution is customarily traced to the advent of the steam engine, textile machinery and the railways in the 1700s the second to the rise of the electrical and chemical industries in the mid – 1800's. since the end of the last century the evaluation of the pharmaceutical industry. Towards the end of the Century pharmacology made it possible to entr'acte an ever-greater number of alkaloids, glycosides and another agents in increasingly pure forms.

A key factor in the environment department in scientific research from the eve of the First World War to the 1920's was the improvement in the analytical methods. Before the First World War, measurements were made in kilogram and grams. The developments of microanalysis enabled scientists to work on a scale of milligrams. On the other hand rapid advances in physiology and biochemistry gave scientists a better understanding of the functions of the body, the causes of disease and the actions of drugs. A major landmark was the discovery that harmful substances in the body bind to specific raptor molecules.

1.7.3 Roche Products

Despite many parallels and similarities in the histories of individual pharmaceutical companies, each has had its own unique development. As the industry has grown more and more research based, each has played a leading role at one point or another in the general development of pharmaceutical. From its founding until the First World War Roche specialized in glandular and medical plant extracts. From the 1933 onwards after a totally unexpected initial success with Reichstein's Vitamin C, Synthesis the company threw all its energies into quickly expanding vitamin research and production. Even before the Second World War Roche was the world's leading vitamin manufacturer, indeed it seemed on its way to becoming a vitamin company. As a result hormones were neglected and an attempt to revive this field in collaboration with Organon, a Dutch company was not a success. Roche's hematological research however progressed beyond its initial concern with liver extracts, leading to the discovery of several important coagulants and anti coagulants, some of which are still in use.

In the mid 1930's immediately after the revolutionary discovery of Protosil by Domagk, Roche began the search for a better sulfonamide of its own. But it was only towards the end if the war those two Basil researchers who had been transferred to nuthy created the very effective Gantrisin, which was lunched after the war with great success. This drug was followed by improvements every few years and later by products like Bactricum. Containing combinations of sulfonamides and potentiators. The war year also saw the start of the antibiotic research at Nutby. Focused mainly on semisynthetic Penicillin's and

Ceohalosporins this work continued for years with mixed results until 1982 and the lunch of Rocephin (Ceftriaxone) still one of Roche's best selling drugs. In 1950, Miacin research led unexpectedly to Rinifon (isoniazid) and mersilid (iproniazid) important treatments for tuberculosis. During the same year the success of other companies were having with mild tranquilizers encouraged Roche to return to this traditional field of research and eventually led to the development of benzodiazepine tranquilizers by stern bach and Radal. Between 1976 and 1980 Roche did not launch a single successful drug. More over the company overextended it self by simultaneously diversifying into an extremely broad range of care activities, sometimes unsuccessfully. The turnaround inaugurated in 1978 put the company back on the road to recovery. Areas that Roche had been working in for decades produced successful new drugs, such as the antibiotic Rocephin, the Retinoid dermatological (a development of vitamin research), the antidepressant and benzodiazepine anesthetics and antagonists.

1.7.4 Roche in good times and bad

Roche's history offers a number of textbook examples of the opportunities and dangers of the pharmaceutical industry. Fritz Hoffman, a venturesome young businessman, founded the company in the 1890s, a time when drug extraction, synthetic chemistry and pharmacology were opening up new possibilities in the field of pharmaceuticals. At the same time, new forms of marketing consumer medications were being developed. Hoffmann's desperate efforts to recover from the setbacks that followed an overly ambitious start were rewarded by the commercial success of his guaiacol syrup Sirolin.

In 1919-20, when the firm became a joint stock company and Fritz Hoffmann died, the enterprise's fortunes were at lowest. Thanks to the determinations of some Hoffmann's family, the support of the Basler Handels bank and, above all, the super human efforts of Barell, who as the Managing Director, was prepared to use every means at his disposal, the firm recovered astonishingly quickly, despite the post –war economic slump. In 1892, after cutting staff from 1500 to 1000, Roche had a sales volume of 20 million Swiss francs, about one third less than in 1920. After that, things improved. Roche was virtually a new firm, practicing the values of extreme thrift and discipline, with an outstanding staff of veteran and new employees of various nationalities.

Roche was remarkably international, both in terms of markets and employees. Three things characterized Barell's efforts to hold the company together: He took all decisions himself, and oversaw everything personally, both at headquarters and on his constant travels to affiliates around the globe. Secondly, he forged a

kind of confederacy of executive officers and affiliate heads by making them shareholders in the company. Finally, by relying on self-financing, holding down capitalization and maintaining a stance of strict secrecy, he shielded Roche from its immediate and more distant environment.

The few research chemists at Roche had long been working in the promising field of vitamins and hormones. Certain developments showed potential, but were not ready for marketing yet. Barell had always felt that research proceeded far too slowly, and trusted only in sales figures. It was largely owing to vitamins that Roche could grow solidly in the 1930s,as the world went through the Great Depression. Although the volume of sales fell from a record 50 million Swiss francs in 1929 to 30 million in 1933, it then rose steadily to 65 million in 1939, and global employment from 1500 to 2200.

As war clouds gathered over Europe, Roche began expanding production at its subsidiaries in the West and established two new research centers in England and the United States.

Group turnover surged from 200 million Swiss francs in 1945 to over 800 million in 1960, and the number of employees from 4000 to 12,000. Even at the executive level there was some support for the view that, so long as enough was spent on research and the company carefully tended its reserves, a successful product would turn up every few years; Roche would grow on automatic pilot, as it were.

The situation did not change until 1978, when Fritz Gerber, a man versed in the management and risks of multinational corporations, succeeded Jann as

chairman and began weaning the company from its old ways in deliberate, carefully dosed steps. For a start, a new cost-consciousness was introduced, and the company's accounting system was modified to make it a suitable management tool. This was the beginning of an entirely new approach to public relations. Roche's operations were gradually reduced to a core group of related businesses: pharmaceuticals, vitamins, diagnostics and fragrances and flavours. With time, the focus of pharmaceutical research was also limited to a few, promising therapeutic areas and products, and the development process was speeded up. Roche also embraced biotechnology, a risky field, but one holding considerable promise. Strategic alliances and careful acquisitions. At first, progress seemed almost painfully slow, but after 1985 new steps followed in increasingly rapid succession. Gerber's frequently quoted metaphor of it taking a long time to turn around a large ship and get it moving again describes the situation exactly. In the years from 1978 to 1985, sales rose from 4.8 to almost 9 billion Swiss francs, and the number of employees went from 42,000 to 45,000. By 1992, sales had reached 12.95 billion Swiss francs, and group employment was at 56,000. During the same intervals, profit on sales rose from 3% to 5.1%, and then to 14.8%.

The creation of Roche Holding Ltd, the restructuring of the group's equity capital, the issue of non-voting equity securities, changes in group accounting and reporting practices and the major placement of American Depositary Receipts representing non-voting equity securities marked the final transition of the once small family business to a modern corporate structure befitting the scale of Roche's operations. It meets international standards, but with the founder's family as its backbone. For the third time in its history, Roche has been more or less recreated.

ROCHE BANGLADESH

Fritz Hoffman – La Roche Ltd.

Major Business Segment:

- Pharma - 65%
- Fine chemicals - 20%
- Flavor & Fragrances - 10%
- Diagnostic - 5%

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1.7.5 Market Capitalization :

- Among Pharmaceutical Companies : 1st in the world
- Among Diagnostics Companies : 1st in the world

Sales Turnover : $ 91.85 bn

- Among Pharmaceutical Companies : 7th in the world
- Among Diagnostics Companies : 1st in the world

Global Activities : **$ 18.36 bn** 150 Countries

1.8 Roche In Bangladesh

1.8.1 Mission Statement

Roche Bangladesh limited is a health care company deeply committed to its customers for providing researched based products of the highest quality and its people are strongly focused to realize company's business plans for growth and profitability.

1.8.2 Vision Statement

Roche Bangladesh limited will maintain its position as the leading health care company in Bangladesh and will endeavor through its dedicated team of people to be in the top five health care companies in terms of sales and profitability by the year 2003.

1.9 Roche values:

- **A performance culture**

Which is passionate setting ambitious goals and rewarding achievements.

- **Global network**

To build the competitive advantages

- **A drive to change**

By taking informed risk and by courageous leadership.

- **A sense of urgency**

And empowerment at all levels of the organization.

- **Clear, transparent two- way communication.**

1.10 Key Information

- There had been 9 multinational pharmaceutical plants in the then East Pakistan until 1971.
- With Ciba-Geigy establishing a plant in 1987, the total number became 10.
- Out of them, 4 companies left Bangladesh by closing plants between 1990-1994.
- Roche has been transferring technology to HPL to build an international standard pharmaceutical plant.
- From the 1st year of operation, Roche will export locally produced medicines to Myanmar.
- Roche will started their production in Bangladesh within this year.

1.11 Bangladesh: A Difficult Market

1.11.1 Market Environment

- More than 200 pharmaceutical manufacturing companies operating their businesses in Bangladesh. Out of them very few are multinationals; Glaxo-Wellcome, Hoechst, Rhone Poulenc, Akzo, Avetis, Organon, Novartis and so on.
- At least 4 of the local manufacturers have bigger plants than any of the multinationals in Bangladesh.
- The MNC's have taken 30% of the pharma market share.
- More than 95% of the pharma requirements are produced locally. Import is limited to about 5%.
- There is a strong organization of the local manufacturers.
- The market is highly price sensitive.
- Square Pharma of Bangladesh holds the largest market share. Rhone Poulanc in the second and Beximco Pharma in the third position.

1.11.2 Regulations

1. Import of pharmaceuticals as a hole is discouraged.

2. The registration process is strict with imported products and is much relaxed with local produce.

3. Pharma products (with same active ingredient) produced in the country in sufficient quantities are not allowed to be imported. When the same medicine is produced by 2 or more local manufacturers, it is considered to be sufficient for the market.

4. License manufacturing has two different perspectives:

- If the licensor has a pharma plant in Bangladesh, they can offer license to any other local manufacturer in Bangladesh for any product they like.
- If the licensor does not have a pharma plant in Bangladesh, they can offer license to any other local manufacturer in Bangladesh for any product, which is not manufactured locally.

Roche products were available in the sub continent even before partition. After Bangladesh emerged on the world map imports continued, and after a few years some products started to be toll manufactured in Dhaka.

In the year 1998, the foundation of the Roche plant was laid in Rajendrapur Industrial area 47 Km from Dhaka. Within a span of three years the plant was constructed and Roche Bangladesh will start local manufacturing in October 2001. Manufacturing of Roche Bangladesh Ltd. Products will be jointly by the Health Care Pharmaceuticals Ltd. Health Care Pharmaceuticals will manufacture the products under the license of F. Hoffman –La Roche.

According to the licensee agreement, Roche will render following support to Health Care Pharmaceuticals Ltd. :

1. All sorts of consultation and technical support for the Pharma manufacturing plant satisfying the GMP requirements by WHO.

2. Roche will give assistance in the selection, procurement of machinery, which are requirements for the plant.

3. Transfer process and formulations for the manufacturing of Roche products including the analytical specification and the methods of analysis.

4. The Roche experts will make periodic visit to the plant of HPL.

Organize training of the technical personnel of HPL in the Roche plants abroad. Today Roche Bangladesh Business covers both Pharmaceuticals and Diagnostics. In the Pharma market Roche is ranked among the top ten companies while in the Diagnostic Sector Roche Bangladesh is the market leader.

Most of the products of Roche are their research products. As they are in the top position in research. Their best selling products is 'Rociephin', medicine as anti-biotic. "Xenical" is their another research product for over weight. This product is under the patent ship for ten years. In Bangladesh their main competitors are Fisons, Novartis, jointly Rhone Poulanc etc in some particular products. Of their total products some will be imported from Switzerland, which couldn't be manufactured locally. The list of their total products have been given below separating locally manufactured and imported products.

Local Production of Roche (BD) Ltd.

- Benerva Tabs -100 mg
- Rocef Capcule -500 mg
- Sanatogen – C 250 mg
- Rovita tablets (Vitamin Bangladesh Complex)
- Rivoltril Tablets 2 mg
- Vallum Tablets 5 mg
- Lexotanil Tablets 3 mg
- Ropara Tablets 500 mg
- Naprosyn Tablets 250 mg
- Tilcotil Film – Coated Tablets 20 mg

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Imported Medicine of Roche:

- Bondronat Amps.
- Neupogen Inj.
- Cellcept Tabs.
- Neotigason Caps.
- Dormicum Amps.
- Recormon Inj.
- Globocef Tabs.
- Roaccutane Caps.
- Herceptin Vials.
- Roferon-A Inj.
- KonakionMM Amps.
- Toradol Amps.
- Konakion Tabs.
- Vesanoid Caps.
- Mabthera Vial.
- Xeloda Tabs.

1.11.3 The Management of Roche Bangladesh Ltd.:

The Roche (BD) management and board of directors are consisting of well known and experience personalities. They are providing their full efforts to establish the company in this market. The working environment of Roche is probably one of the best in Bangladesh according to some experience employees. The management is always alert to provide the best environment of work in order to grow the efficiency of each employee. To maintain the discipline in the job they all follows the chain of command. The top authority of Roche made the management decentralized in order to take quick and efficient decision. But major decisions are taken in a group consisting the management and the directors.

The Roche Bangladesh has five divisions to run its business. The divisions are: Product Promotion, Finance, Human Resource, Factory and sales. Each division is headed by General Manager, following manager, asst. manager, senior officer and officer.

Product Promotion Division:

At present a manager heads this department. Asst. manager and product officers work under him. They are responsible for the marketing of the product. As it's a manufacturer life saving products, it can't do advertising or marketing like other products of the market. So, they are responsible to promote the products through letting know the people its quality and its features.

Human Resource Division:

Headed by an Asst. Manager at present. Deals with new recruitment's, employees well being, corresponding with the parent company and other external affairs, assuring good and smooth working environment , taking decisions and steps to motivate the employees for the best feedback.

Finance Division:

Headed by a manager. His sub ordinates are asst. manager and officers. Taking important financial decisions, maintaining deals with the financial institutions are the major responsibilities of the finance manager.

Factory Division:

This division is headed by quality assurance managers and a Factory / Technical manager. QA Managers are responsible for assuring the quality and the compliance's. Factory manager sees the technical part. He is overall responsible for the factory.

Sales Division:

Headed by a sales manager. He is responsible for the sales, distribution of the products. Therefor including the asst. manager, senior officer, officer, Medical officers, representatives' works under him.

Advisor Committee:

Some well-known and experience doctors and Pharmacists are the member of this committee.

Managing Director:

The managing Director of Roche Bangladesh limited is Mr. Naser Sharear Zahidee, a well-known businessman and pharmacist. He is also the Managing Director of Roche Myanmar. He looks after the overall organization.

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CHAPTER - TWO

2. An Overview of Production Department

2.1 An overview of production department

At present a manager heads this department. Asst. manager and product officers work under him. They are responsible for the marketing of the product. As it's a manufacturer life saving products, it can't do advertising or marketing like other products of the market. So, they are responsible to promote the products through letting know the people its quality and its features.

2.2 Descriptions of the products:

- **BENERVA Tablets:**

BENERVA is a 100 mg Tablets, which contains Thaimine Hydrochloride BP 100mg as active ingredient and Cellulose microcrystalline (Avicel 102) BP/Ph.EUR 2nd Ed 12.00mg, Lactose anhydrous BP/Ph.Eur2ndEd 50.00mg, Strach STA-RX 1500 (Pregelatinised Maize Starch) USP XXII/NF XVII/BP 50.00mg, Colloidal Silicon Dioxide (Aerosil 200) USP XXII/NF XVII/BP 0.50mg and Purified Talc BP/Ph.EUR 2nd Ed 2.50mg as exipients. The size of the pack is 10X10's, 10X20's in strip and the total cost of 100mg tablets are 141809.8627 taka.

- **SANATOGEN-C 250mg**

SANATOGEN-C is a 250mg tablets, which contains Ascorbic acid (type SC) BP 118.0mg Overage 2.50% and Sodium ascorbate (granulate) BP 160.0mg Overage 2.50% as active ingredient and Mannitol BP 200mg, Sugaer (granular) BP 30mg, Lactose anhydrousBP 60mg, Pregelatinized starch BP 30mg, Orange Flavor power BP 0.001mg, Purified talc BP 5mg and Magnesium stearate BP 2mg as excipient. The pack size of the tablet is 50's, 100's and 500's in strip and the total cost of 250mg tablets are 72260.26541 taka.

- **ROCEF Capsule:**

ROCEF is a 500 mg Capsule, which contains Cephradine (compacted) BP 500mg 5.0% overage and Lactose (coase) BP 20mg, Colloidal Silicon di-oxide BP 2mg, Purified talc BP 2mg, Empty Hard gelatin capsule (Shell size No. '0') pharma grade 1Pc as exipients. The size of the pack is 5X10's, 10X10's blister / strip pack and the total cost of 500mg tablets are 4095710.625 taka.

- **ROVITA Tablets:**

ROVITA is a Vitamin B complex Tablets, which contains Thaimine Hydrochloride BP 5mg and 0.5mg overage, Riboflabin BP 2mg and 0.2mg overage, Nicotinamide BP 20mg and 2mg overage, Pyridoxide Hydrocloride BP 2mg and 0.2 overage as active ingredient and Strach Maize BP 67.5mg, Lactose (fine) BP 159mg, Polyvinyl Pyrrolidone (povidone K-30) BP 9mg, Purified talc BP 18mg,

Magnesium Stearate BP 3.20mg as excipients and Opagloss Acacia BP Talc BP, Titanium dioxide BP, Carnauba wax BP, BEEs wax BP, Propylene glycol BP, Sucrose BP abd Orange colour pharma grade as coating as required. Carbon tetrachloride Acetone Water is not appeared in the final products. The size of the packing is 45's,100's in the bottle/blister and the total cost of this vitamin tablets will be depends on the quantity of the coating product.

- **RIVOTRIL tablets:**

RIVOTRIL is a 2mg tablets, which contains Clonazepam USP/NF XVII 2mg as active ingredient and Cellulose microcrystalline (Avicel 102) BP/Ph.Eur 2nd Ed 25mg, Lactose anhydrous BP/Ph.Eur 2nd Ed 121.5mg, Strach STA - RX 1500 (Pregelatinised Maize Strach) (Pregelatinised Maize Strach) 20mg and Magnesium stearate BP/Ph.Eur 2nd Ed 1.5mg as exipiets. Weight of each tablets is 170.00 mg and the size of the pack is 30's, 100's and 500's and the total cost of 2mg tablets are 20334.623 taka.

- **Valium Tablets:**

Valium is a 5.0 mg tablets, which contains Diazepam BP 5mg as active ingredient and Lactose (coarse) USP 37.5mg, Pregelatinized Starch BP 40mg, Microcrystalline Cellulose (Avicel - 102) BP 10mg, Colloidal Silicon Dioxide (Aerosil 200) USNF 0.5mg and Talc BP/USP 2mg as exipients. Total weight of each tablets is 95.00mg and pack size is 10'sX10 strip and 10's X 20 strip and the total cost of 5.0mg tablets are 28328.2375 taka .

- **NAPROSYN Tablet:**

NAPROSYN is a 250mg tablets, which contains Naproxen USP 250mg as active ingredient and Povidone K-30 USP/Ph.Eur. 5.34mg, Croscarmellose Sodium (Type A) USP/Ph.Eur. 0.68mg, Iron Oxide (T-3506) Pharma Grade 0.4mg and magnesium stearate USP/Ph. Eur. 0.53mg as exipients. The total weight of each tablet is 266.95mg and the pack size is 10'sX5 and 10'sX10 blister strip and the total cost of 250mg tablets are 1551021.353 taka.

- **TILCOTIL Film-Coated Tablet:**

TILCOTIL Film – Coated is a tablet , which contains Tenoxicam BP 20.00 mg as active ingredient and Lactose Monohydrate (Lactose Power) BP/USP/NF/Ph.Eur 90mg, Starch (Corn Starch White) USP/NF/Ph.Eur. 84mg, Talc BP/USP/Ph.Eur. 4mg and Magnesium stearate BP/USP/NF/Ph.Eur. 2mg as exipient and Hydroxypropyl Methylcellulose (2910/6 cP) USP/Ph.Eur. 2mg, Talc BP/USP/Ph.Eur. 1.4 mg, Titanium Dioxide (Anatase) USP/Ph.Eur. 1.2mg and Iron Oxide Yellow pharma grade 0.4 mg as coating. Total weight of the tablet is 205.00mg and the pack size is 3X10's, 5X10's and 10X10's blister strip.

- **LEXOTANIL Tablets:**

LEXOTANIL is a 3mg Tablets, which contains Bromazepam BP 3mg as active ingredient and Lactose Monohydrate (Lactose Power) USP/NF/BP/Ph.Eur 94.37 mg, Alumina Lake pharma grade Erythrosine(19.4%) As Erythrosine 100%, Talc

USP/BP/Ph.Eur 1.8mg, Microcrystalline Cellulose (Avicel – 102) USP/NF/BP/Ph.Eur. 100mg and Magnesium stearate USP/NF/BP/Ph.Eur 0.6 mg as exipients. Total weight of the tablet is 200.00 mg and the pack 3X10's, 5X10's and 100X10's blister strip.

- **Ropara Tablets:**

ROPARA is a 500mg tablet, which contains Paracetamol BP 500.00mg as active ingredients and Starch Maize BP 90mg, Purified Talc BP 25mg, Methyl Parahydroxy Benzoate (Methyl Paraben) BP 0.25mg and Magnesium stearte BP 5mg as 50's, 100's and 500's blister/strip pack.

Total Cost of the Roche Products:

Name of the Product	Raw Materials Total Quantity (mg)	Standard Total amount
1) BENERVA Tablets 100mg	215.0	143599.0033
2) SANATOGEN-C 250mg	605.0	74269.08393
3) ROCEF Capcule 500 mg	525	4096428.03
4) ROVITA Tablets (Vitamin B complex)	286	as required
5) RIVOTRIL tablets 2mg	170	22767.88397
6) Valium Tablets 5.0 mg	95	57941.69493
7) NAPROSYN Tablets 250mg	266.95	1551021.353
8) TILCOTIL Film-Coated Tablet 20mg	205	4730357.961
9) LEXOTANIL Tablets 3mg	200.045	322179.9556
10) Ropara Tablets 500mg	620.25	74269.08393
Total Cost	3,187.9	10929235.05

2.3 Source of the Raw Materials:

The Health Care Pharmaceutical Ltd. imported the raw materials to produce the products (Medicines) from different countries of the world. They imported these raw materials from United States of America, Taiwan, Netherlands, United Kingdom, France, Ireland, Japan, German and Switzerland. They imported pharmaceutical raw materials as well as the packing materials. They imported these materials on the name of the firm (Roche Bangladesh Ltd.)

2.4 Market Potentiality:

- **Cost of the pharmaceutical products of Roche will be minimized.**

Most of the existing branches of Roche are in the developed countries in the world. As a result the cost of the product such as salary, wages, rent, taxes, transportation cost etc. are higher. In Bangladesh labor at expertise, pharmacist etc. is possible to higher at a cheaper rate. And other incidental production will also be lower in Bangladesh. So, if Roche Bangladesh introduce production in Bangladesh then the total cost of the production will be minimized at a grad extent.

- **Selling price of the existing product will be decrease.**

Due to minimization of the production cost selling price will also be possible to minimize.

- **Competition in the market will be higher.**

Now the products of Roche would compete with other similar products in the markets. As a result the market will be more competitive.

- **The Government of Bangladesh can save the foreign exchange.**

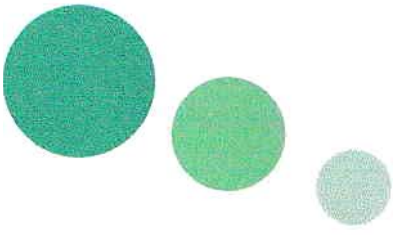
Before establishment of Roche Bangladesh under Health Care pharmaceuticals, products of Roche was imported, hence the government of Bangladesh expend foreign exchange. Due to establishment of Roche Bangladesh import will be minimized and the foreign exchange of the country will be saved.

- **Export potentiality will be increase.**

It may also be possible to export Roche products from Bangladesh to abort where the people needs the Roche products.

ROCHE BANGLADESH

CHAPTER - THREE



3. An appraisal of Overhead costing and Standard Costing

3.1 The factory expenses as overhead cost

The overhead cost is generally defined as indirect materials, indirect labor and all other factory expenses that can not be identified conveniently with nor changed directly to specific jobs or products or final cost objectives.
Variable factory overhead typically consists of many items, including power, repairs, indirect labor, idle time and fringe benefits such employer payroll taxes. The most convincing way to discover why overhead performance did not agree with a budget is to investigate possible causes, line item by line item.

The others term used for factory overhead costs are:

- Factory burden
- Manufacturing overhead
- Factory expenses
- Indirect manufacturing cost

A product cost as direct material and direct labor also as much as a part of factory overhead.

In this study the labor hour is considered as overhead cost. The production department of Healthcare Pharmaceuticals Limited informed us that they are not interested to consider the machine hour to calculate the overhead cost. To calculate the overhead cost, they think if industry consider the machine hour as overhead cost then inefficient labor hour would be increase and it will not be possible to measure the actual inefficient labor hour. After considering all the sides we have to consider the following cost for calculating overhead cost:

- Salary & allowances
- Expenses for Mr. Hutape
- Stuff amenities
- Medical aid
- Uniform including shoes
- Canteen expenses
- Travelling – foreign tour
- Conveyance – local
- Entertainment expenses
- Car running expenses
- Rent rates and taxes – vehicles
- Rent rates and taxes - office
- Electricity – fuel and power
- Insurance expense
- Repair and maintenance – machine
- Repair and maintenance – factory
- Repair and maintenance – car
- Engineering purchase
- Printing and stationary

- Postage and telephone
- Books, periodical journals
- Legal charges / fees etc
- Bank charge
- Security service expenses
- Advertisement
- License / documentation fee
- Cartage, freight, clearing exp.
- Training course
- Donation
- Site expenses
- Machine testing materials
- Laundry rooms

- The following overhead items are considered as fixed overhead cost:

Fixed factory overhead	(Yearly) TAKA	(Monthly Ave.) 12 (TAKA)
Insurance expense	136,549	11379
Bank charge	417	35
Security service expenses	329,266	27439
Advertisement	272,882	22740
Cartage, freight, clearing exp.	1,500	125
Donation	1,000	83
Total Fixed factory overhead	**741,614**	**61801**

And the following overhead items are considered as variable overhead cost:

Variable Factory Overhead	(Yearly) TAKA	(Monthly Ave.) 12 (TAKA)
Salary & allowances	5800000	483333
Expenses for Mr. Hutape	99,625	8302
Stuff amenities	190,491	15874
Medical aid	65,000	5417
Uniform including shoes	20,000	1667
Canteen expenses	120,000	10000
Traveling – foreign tour	300,000	25000
Conveyance – local	250,000	20833
Entertainment expenses	850,000	70833
Car running expenses	516,109	43009
Rent rates and taxes – vehicles	199,210	16601
Rent rates and taxes - office	625,000	52083
Electricity – fuel and power	550,000	45833
Repair and maintenance – machine	68,323	5694
Repair and maintenance – factory	411,414	34285
Repair and maintenance – car	371,978	30998
Engineering purchase	109,703	9142
Printing and stationary	109,703	9142
Postage and telephone	503,561	41963
Books, periodical journals	11,660	972
Legal charges / fees etc	425,755	35480
License / documentation fee	532,132	44344
Computer expenses	120,000	10000
Training course	14,200	1183
Site expenses	3,650,681	304223
Machine testing materials	80,455	6705
Laundry rooms	5,000	417
Total Variable Factory Overhead	**16000000**	**1333333**

Note:

At the time of my internship Roche Bangladesh suggest me to find out the standard costing of their products. Accordingly I have find out their new standard costing of products the organization, which calculations are shown and analyzed in this section.

To identify the standard cost we have to consider the following variables:

3.2 Fixed factory overhead (Control and product costing):

Fixed costs are frequently a component of a flexible budget.

Formula:

Flexible budget for factory overhead = Fixed factory overhead + Variable factory overhead

Budgetary control of fixed factory overhead concentrates on line–by–line planes form such typical items as supervision, depreciation, insurance, property taxes and rentals. Fixed factory overhead is generally not subject to as much day to day or month to month influence as variable overhead. The variances of actual costs from fixed overhead budgets tend to be relatively small.

3.3 *Product costing purpose:*

The budgeting and choice of overhead rate are usually done annually. The predetermined rate for applying fixed factory overhead is computed as follows:

Formula:

$$\text{Predetermined fixed factory overhead rate for applying costs to product} = \frac{\text{Budget total fixed factory overhead}}{\text{Some reselected volume level for the year}}$$

The reselected volume level is based on the originally expected volume for the year. This prechosen volume level will be referred to as the denominator level.

Note:

Pre- chosen volume level are shown in the Appendix – Budgeted (page i - xvi) and the reselected volume level are shown in the Appendix – Proposed (page i -xxx). By considering relevant information of Roche Bangladesh I have calculated expected product costing for the near future. This reselected volume will be considered as the re-standard of this organization.

CALCULATION PART
FOR
STANDARD COSTING

Fixed factory overhead	(Yearly) TAKA	(Monthly Ave.) 12 TAKA
Insurance expense	136,549	11379
Bank charge	417	35
Security service expenses	329,266	27439
Advertisement	272,882	22740
Cartage, freight, clearing exp.	1,500	125
Donation	1,000	83
Total Fixed factory overhead	**741,614**	**61801**

Variable Factory Overhead	(Yearly) TAKA	(Monthly Ave.) 12 TAKA
Salary & allowances	5800000	483333
Expenses for Mr. Hutape	99,625	8302
Stuff amenities	190,491	15874
Medical aid	65,000	5417
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Canteen expenses	120,000	10000
Traveling – foreign tour	300,000	25000
Conveyance – local	250,000	20833
Entertainment expenses	850,000	70833
Car running expenses	516,109	43009
Rent rates and taxes – vehicles	199,210	16601
Rent rates and taxes - office	625,000	52083
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Computer expenses	120,000	10000
Training course	14,200	1183
Site expenses	3,650,681	304223
Machine testing materials	80,455	6705
Laundry rooms	5,000	417
Total Variable Factory Overhead	**16000000**	**1333333**

Formulas:	
3.2 Fixed factory overhead (Control & Product costing)	
Flexible budget for factory overhead (Yearly)	Tk. **16,741,614**
Flexible budget for factory overhead (Monthly)	Tk. **1395135**

Budget total fixed factory overhead	
Total Product cost	10929235.05
Total Construction Cost	130137460
Budget total fixed factory overhead	Tk. **141066695.1**

Some reselected volume level for the year	
Total Product cost	10929235.05
Total Construction Cost	150200000
Some reselected volume level for the year	Tk. **161129235.1**

Formulas: **3.3 Product Costing Purpose**	
Predetermined fixed Factory overhead rate for cost of products	**88%**

By considering fixed factory and variable factory overhead, total product cost and total construction cost, we have calculated the fixed factory overhead (control and product costing) yearly and monthly and the product costing purpose. It is observed from the calculation that the predetermined fixed factory overhead rate for cost of products is 88%.

ROCHE BANGLADESH

CHAPTER - FOUR

FINDINGS AND OBSERVATIONS:

On October 1, 1896 at the young age of 28 years Hoffmann registered in Basel Switzerland a new company. A year earlier in 1895 he had married a 19-year-old girl Adele-La Roche. Fritz Hoffmann Combined his and his wife name to call the new company H. Hoffmann-La-Roche. Now more than 100 years old, Roche is rated as one of the Leading Companies in the world. The spectrum of Roche business operations four Divisions Pharmaceuticals, Diagnostics, Vitamins & fine Chemicals Fragrances & Flavors. The world came to know about vitamins through Roche, as it is the pioneer in mass production of various vitamins. It has manufacturing plant almost more than 57 countries of the world. In the year 1998, the foundation of the Roche plant was laid in Rajendrapur Industrial area 47 km from Dhaka. Within a span of three years the plant was constructed and Roche Bangladesh had already started their production in this December. Manufacturing of Roche Bangladesh Ltd. products will be jointly by the Health Care Pharmaceuticals Ltd. Health Care Pharmaceuticals will manufacture the products under the license of Hoffmann – La Roche.

I have done my internship on Roche Bangladesh and they have assigned me to propose a revised standard for standard costing. The previous standards were shown in appendix (Budgeted Ai – xvi). By considering the ingredients of the raw materials (Active ingredients, Expipients and Coating) and construction cost, labor cost, overhead cost , we have proposed a new standard cost for proposed standard costing purpose of Roche Bangladesh, which are shown in the appendix (Proposed i – xxx).

We are optimistic that if Roche Bangladesh follow the prescribed new standard for standard costing purpose then the total production cost will be minimized, which will help to boost up sales, profitability and overall growth of the industry.

Roche Bangladesh imported almost 100 percent raw materials from abroad. If the government of Bangladesh devalue currency then import will become costlier. As a result the production cost of Roche Bangladesh will increase. The exchange rate fluctuation may effects their production cost as well as standard cost costing.

At present Roche Bangladesh are producing two types of medicine – Naprosyn and Tilcotil film – coated and the standard cost of that products are Taka *1551021.353 and 4730357.961*, which are too expensive.

Being most of the people of our country belongs to low income level, it may not possible for them to afford such types of costly medicines.

Roche Bangladesh is almost fully automated pharmaceuticals industries. As a result the industry requires a small number of workers and labors. As a result the industry almost free from labor disputes, threats of CBA (Collective Bargaining Agents) activities etc.

As Roche products is new in the market they need to increase the medical officers through out the countries.

So, it is suggested that Roche may diversify for different type of lower costly medicine, which may increase the potential market of Roche in Bangladesh.

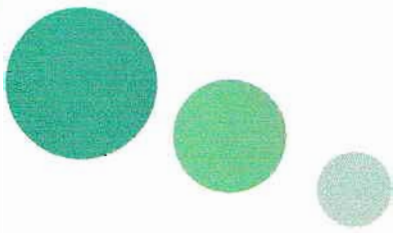
CONCLUSIONS:

On October 1, 1896 at the young age of 28 years Hoffmann registered in Basel Switzerland a new company. Fritz Hoffmann Combined his and his wife name to call the new company H. Hoffmann-La-Roche. Now more than 100 years old, Roche is rated as one of the Leading Companies in the world. In the year 1998, the foundation of the Roche plant was laid in Rajendrapur Industrial area 47 km from Dhaka. Within a span of three years the plant was constructed and Roche Bangladesh had already started their production in this December. Health Care Pharmaceuticals will manufacture the products under the license of Hoffmann – La Roche. I have done my internship on Roche Bangladesh and they have assigned me to propose a revised standard for standard costing. If Roche Bangladesh follow the prescribed new standard for standard costing purpose then the total production cost will be minimized, which will help to boost up sales, profitability and overall growth of the industry. Roche Bangladesh imported almost 100 percent raw materials from abroad. As a result the production cost may increase due to devaluation of currency. Due to low income people of Bangladesh may not able to afford such types of costly medicines. Roche Bangladesh is almost fully automated pharmaceuticals industries. So the industry requires a small number of workers and labors. If they follow the proposed standard for their standard purpose and the also follow the suggested matter of this research, and we are quite optimistic that the prospect of Roche Bangladesh will be very bright.

Roche

ROCHE BANGLADESH

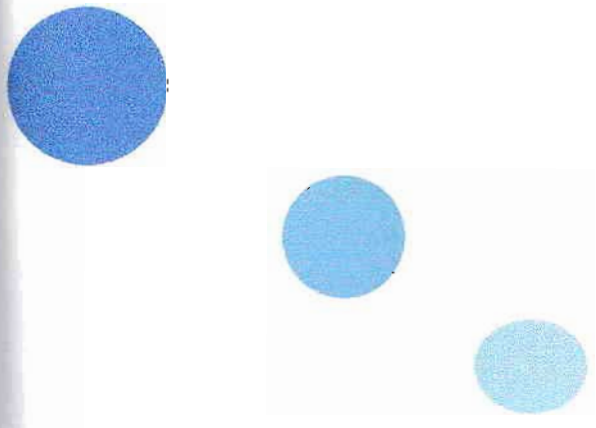
CHAPTER - FIVE



APPENDIX

PROPOSED

FACTORY BUILDING OVERHEAD COSTING CALCULATION
OF
ROCHE BANGLADESH LTD.



Healthcare Pharmaceuticals Limited
Statement of cost and progress of the plant

CE- 3 3 01	**Buildings:-** Building No. 1 HPL Production Progress Of Work				Amount In Taka	Completion Of Work	Taka Value **Materials & Labour Only**	Overhead	
	21420 Sft			Rate	Total	31-12-'00		Total	
Sl No	Item of Work	Quantity	Unit	Taka	Taka		Taka	10%	Total
1	Earth Work in Excavation	35,000	Cft	1.80	63,000	100%	63,000	6,300	69,300
2	Trance Filling	23,333	Cft	1.00	23,333	100%	23,333	2,333	25,666
3	Brick Flat Soling in Base and Floor	27,000	Sft	10.00	270,000	100%	270,000	27,000	297,000
4	10" Thick Brick Work-Gl to Pl.	1,560	Cft	60.00	93,600	100%	93,600	9,360	102,960
5	10" Thick Brick Work from Pl to Roof	9,760	Sft	60.00	585,600	100%	585,600	58,560	644,160
6	5" Thick Brick Work	18,664	Sft	30.00	559,920	100%	559,920	55,992	615,912
7	Total Plaster Work	66,693	Sft	10.00	666,930	100%	666,930	66,693	733,623
8	Sand Filling Up to PL	140,000	Cft	12.00	1,680,000	100%	1,680,000	168,000	1,848,000
9	**RCC Work**								
10	a) Footing / Base Casting	4,800	Cft	120.00	576,000	100%	576,000	57,600	633,600
11	b) Column up to GB	1,500	Cft	135.00	202,500	100%	202,500	20,250	222,750
12	c) Grade Beam	4,400	Cft	135.00	594,000	100%	594,000	59,400	653,400
13	d) Column Casting up To top	3,700	Cft	135.00	499,500	100%	499,500	49,950	549,450
14	e) Tie Beam	2,400	Cft	135.00	324,000	100%	324,000	32,400	356,400
15	***f) Roof Slab***	15,800	Cft	130.00	2,054,000	100%	2,054,000	205,400	2,259,400
16	g) Roof Beam	5,600	Cft	130.00	728,000	100%	728,000	72,800	800,800
17	h) 5" RCC Wall	3,050	Cft	170.00	518,500	100%	518,500	51,850	570,350
18	i) 6" Floor	11,465	Cft	110.00	1,261,150	100%	1,261,150	124,593	1,385,743
19	j) Floor Net Cement Finishing	5,696	Sft	5.00	28,480	100%	28,480	2,848	31,328
20	***Reinforcement Bar***	198,000	Kg	20.00	3,960,000	100%	3,960,000	396,000	4,356,000
21	Patent stone	21,330	Sft	35.00	746,550	100%	746,550	74,655	821,205
22	2 " CC work in floor	3,626	Cft	25.00	90,650	100%	90,650	9,065	99,715
23	Laying Polythene	27,000	Sft	2.00	54,000	100%	54,000	5,400	59,400
24	Single Door set	59	Nos	9574.00	564,866	100%	564,866	56,487	621,353
25	Double Door set	47	Nos	16083.00	755,901	100%	755,901	75,590	831,491
26	Window -Double Glass	190	Nos	2270.00	431,300	100%	431,300	43,130	474,430
27	Louver 1x1 5	33	Nos	4446.00	146,718	100%	146,718	14,672	161,390
28	Floor Epoxy	4,500	Sft	150.00	675,000	100%	675,000	67,500	742,500
29	Plastic Paint	8,187	Sft	7.00	57,309	100%	57,309	5,731	63,040
30	Retan False Ceilling	21,227	Sft	235.00	4,988,345	100%	4,988,345	498,835	5,487,180
31	Roofing -Zamil Steel	23,185	Sft	153.00	3,547,305	100%	3,547,305	354,731	3,902,036
32	Apron	1,522	Sft	35.00	53,270	100%	53,270	5,327	58,597
33	MS Stair	35	Sft	80.00	2,800	100%	2,800	280	3,080
34	Energy Bridge(utility to PB1)	300	Sft	135.00	40,500	100%	40,500	4,050	44,550
35	Fixed glass top of wall	340	Sft	80.00	27,200	100%	27,200	2,720	29,920
36	Out side enamel black paint	2,344	Sft	6.00	14,064	100%	14,064	1,406	15,470
37	Wall epoxy	50,587	Sft	20.00	1,011,740	100%	1,011,740	101,174	1,112,914
38	Weather coat out side the building	16,106	Sft	13.00	209,378	100%	209,378	20,938	230,316
	Total				28,105,409		28,105,409	2,809,019	30,914,428
39	Electrical Work.15% of Total Cost	4,215,811		1.00	4,215,811	0%	-	-	-
40	Internal Sanitery Work 10% of Cost	2,810,541		1.00	2,810,541	100%	2,810,541	281,054	3,091,595
		Total			35,131,761	97%	30,915,950	3,090,073	34,006,023
			Cost Inc .Overhead		38644937	88%			1588

	Building No 1 HPL Production					31-12-'00			
	Sanitery Item	Quantity	Unit	Rate Tk	Total Taka	Completion	Taka	Oh & Profit	Total
1	Commode with lowdown	8	Nos	9660.00	77280	100%	77280	7728	85008
2	Basin	8	Nos	3000.00	24000	100%	24000	2400	26400
3	Basin Stop Cock	8	Nos	250.00	2000	100%	2000	200	2200
4	Lide Pipe	8	Nos	500.00	4000	100%	4000	400	4400
5	Basin Mixture	8	Nos	1250.00	10000	100%	10000	1000	11000
6	Shower Rose	8	Nos	250.00	2000	100%	2000	200	2200
7	Glass Shelf	8	Nos	250.00	2000	100%	2000	200	2200
8	Looking Glass	8	Nos	500.00	4000	100%	4000	400	4400
9	Towel Rail	8	Nos	350.00	2800	100%	2800	280	3080
10	Shoap Case	8	Nos	125.00	1000	100%	1000	100	1100
11	Toilet Paper Stand	8	Nos	250.00	2000	100%	2000	200	2200
12	Exhaust Fan	8	Nos	2400.00	19200	100%	19200	1920	21120
13	4" PVC Pipe	800	Rft	65.00	52000	100%	52000	5200	57200
14	2" PVC Pipe	200	Rft	45.00	9000	100%	9000	900	9900
15	1 - 1 / 2" GI Pipe	300	Rft	90.00	27000	100%	27000	2700	29700
16	1 " GI Pipe	400	Rft	60.00	24000	100%	24000	2400	26400
17	1 / 2" GI Pipe	800	Rft	35.00	28000	100%	28000	2800	30800
18	Gate Valve	8	Nos	750.00	6000	100%	6000	600	6600
19	Standing Urinal	8	Nos	1800.00	14400	100%	14400	1440	15840
20	Sitting Urinal	3	Nos	1000.00	3000	100%	3000	300	3300
					0	100%	0	0	0
	N.B. All Rate Inc Fittings					100%			
	Sub Total				0		313680	31368	345048

Healthcare Pharmaceuticals Limited
Statement of Progress of the project

CE- 3 3.02	**Buildings:-** Building No. 2 RBL Production Progress Of Work				Amount In Taka	Completion Of Work	Taka Value **Materials & Labour Only**	Other Charges Overhead	Total
	5377 Sft					31-12 -'00	Taka	10%	0 00
Sl No	Item of Work	Quantity	Unit	Rate Tk	Total Taka			Total	
1	Earth Work in Excavation	10,000	Cft	1 80	18,000	100%	18,000	1,800	19,800
2	Trance Filling	6,666	Cft	1 00	6,666	100%	6,666	667	7,333
3	Brick Flat Soling in Base and Floor	7,000	Sft	10.00	70,000	100%	70,000	7,000	77,000
4	10" Thick Brick Work-GI to PL	727	Cft	60.00	43,620	100%	43,620	4,362	47,982
5	10" Thick Brick Work from Pl to Roof	3,100	Cft	60 00	186,000	100%	186,000	18,600	204,600
6	5" Thick Brick Work	5,500	Sft	30 00	165,000	100%	165,000	16,500	181,500
7	Total Plaster Work	24,000	Sft	10 00	240,000	100%	240,000	24,000	264,000
8	Sand Filling Up to PL	30,000	Cft	12.00	360,000	100%	360,000	36,000	396,000
9	**RCC Work**				-			-	
	a) Footing / Base Casting	1,450	Cft	120.00	174,000	100%	174,000	17,400	191,400
	b) Column up to GB	700	Cft	135.00	94,500	100%	94,500	9,450	103,950
	c) Grade Beam	1,600	Cft	135.00	216,000	100%	216,000	21,600	237,600
	d) Column casting Pl to Top	1,630	Cft	135.00	220,050	100%	220,050	22,005	242,055
	e) Tie Beam	1,095	Cft	135.00	147,825	100%	147,825	14,783	162,608
	f) Roof Slab	3,152	Cft	130.00	409,760	100%	409,760	34,608	444,368
	g) Roof Beam	1,400	Cft	130.00	182,000	100%	182,000	18,200	200,200
	i) 6" Floor	3,000	Cft	110.00	330,000	100%	330,000	33,000	363,000
	j) Floor Net Cement Finishing	2,000	Sft	5.00	10,000	100%	10,000	1,000	11,000
10	***Reinforcement Bar***	48,400	Kg	20.00	968,000	100%	968,000	96,800	1,064,800
11	Paten stone	5,300	Sft	35.00	185,500	100%	185,500	18,550	204,050
12	2 " CC work in floor	5,300	Sft	25.00	132,500	100%	132,500	13,250	145,750
13	Lying Polythene	7,000	Sft	2.00	14,000	100%	14,000	1,400	15,400
14	Single Door set	38	Nos	9574 00	363,812	100%	363,812	36,381	400,193
15	Double Door set	16	Nos	16083.00	257,328	100%	257,328	25,733	283,061
16	Window -Double Glass	75	Nos	2270.00	170,250	100%	170,250	17,025	187,275
17	Louver	11	Nos	4446.00	48,906	100%	48,906	4,891	53,797
18	Floor Epoxy	5,264	Sft	150.00	789,600	100%	789,600	78,960	868,560
19	Retan False Ceiling	5,339	Sft	235 00	1,254,665	100%	1,254,665	125,467	1,380,132
20	Roofing -Zamil steel	6,253	Sft	153.00	956,709	100%	956,709	95,671	1,052,380
21	Ms Stair	35	Sft	80.00	2,800	100%	2,800	280	3,080
22	Epoxy Wall	11360	Sft	20.00	227,600	100%	227,600	22,760	250,360
23	Weather Coat	7300	Sft	13.00	94,900	100%	94,900	9,490	104,390
24	Plastic paint	5320	Sft	7.00	37,240	100%	37,240	3,724	40,964
25	Fixed glass top of the wall	200	Sft	80.00	16,000	100%	16,000	1,600	17,600
26	Black anamel paint outside the building	1168	Sft	6 00	7,008	100%	7,008	701	7,709
27	Drain Apron	936	Sft	35 00	32,760	100%	32,760	3,276	36,036
	Total				8,432,999		8,432,999	836,932	9,269,931
28	Electrical Work;15% of Total Cost	1,264,950		1 00	1,264,950	100%	1,264,950	126,495	1,391,445
29	Internal Sanitery Work 10% of Cost	843,300		1.00	843,300	100%	843,300	84,330	927,630
		Total			10,541,249	110%	10,541,249	1,047,757	11,589,006
		Total cost inc.overhead			11,595,374				2,155

	Building No, 2 RBL Production					31-12 -' 00			
	Sanitery Item			Rate.Tk	Total Taka	Comp Stage	Taka	0 00	Total
1	Commode with lowdown	6	Nos	9660.00	57960	100%	57960	5796	63756
2	Basin	4	Nos	3000.00	12000	100%	12000	1200	13200
3	Basin Stop Cock	4	Nos	250 00	1000	100%	1000	100	1100
4	Lide Pipe	4	Nos	500.00	2000	100%	2000	200	2200
5	Basin Mixture	4	Nos	1250.00	5000	100%	5000	500	5500
6	Shower Rose	4	Nos	250.00	1000	100%	1000	100	1100
7	Glass Shelf	4	Nos	250.00	1000	100%	1000	100	1100
8	Looking Glass	4	Nos	500 00	2000	100%	2000	200	2200
9	Towel Rail	4	Nos	350.00	1400	100%	1400	140	1540
10	Shoap Case	4	Nos	125.00	500	100%	500	50	550
11	Toilet Paper Stand	4	Nos	250.00	1000	100%	1000	100	1100
12	Exhaust Fan	4	Nos	2400 00	9600	100%	9600	960	10560
13	4" PVC Pipe	650	Rft	65.00	42250	100%	42250	4225	46475
14	2" PVC Pipe	150	Rft	45,00	6750	100%	6750	675	7425
15	1 - 1 / 2" GI Pipe	200	Rft	90,00	18000	100%	18000	1800	19800
16	1 " GI Pipe	250	Rft	60 00	15000	100%	15000	1500	16500
17	1 / 2" GI Pipe	200	Rft	50.00	10000	100%	10000	1000	11000
18	Gate Valve	4	Nos	750 00	3000	100%	3000	300	3300
19	Standing Urinal	2	Nos	1800,00	3600	100%	3600	360	3960
20	Sitting Urinal	2	Nos	1000.00	2000	100%	2000	200	2200
	N.B. All Rate Inc.Fittings								
	Sub Total				0		195060	19506	214566

Healthcare Pharmaceuticals Limited
Statement of Progress of the project

CE- 3 3.03	**Buildings:-** Building No. 3 Utility & Betalactam Progress Of Work				Amount In Taka	Completion Of Work	Taka Value	Other Charges	
	6817 Sft					31-12-'00	**Materials & Labour Only**	Total	0 00
Sl No	Item of Work	Quantity	Unit	Rate.Tk	Total Taka		Taka	10%	Total
1	Earth Work in Excavation	6,552	Cft	1 80	11,794	100%	11,794	1,179	12,973
2	Trance Filling	4,000	Cft	1.00	4,000	100%	4,000	400	4,400
3	Brick Flat Soling in Base and Floor	8,970	Sft	10 00	89,700	100%	89,700	8,970	98,670
4	10" Thick Brick Work-Gl to PL	1,796	Cft	60 00	107,760	100%	107,760	10,776	118,536
5	10" Thick Brick Work from Pl to Roof	5,140	Cft	60.00	308,400	100%	308,400	30,840	339,240
6	5" Thick Brick Work	3,503	Sft	30 00	105 090	100%	105,090	10,509	115,599
7	Total Plaster Work	13,328	Sft	10.00	133,280	100%	133,280	13,328	146,608
8	Sand Filling Up to PL	20,000	Cft	12.00	240,000	100%	240,000	24,000	264,000
9	**RCC Work**				-			-	
	a) Footing / Base Casting	750	Cft	120.00	90,000	100%	90,000	9,000	99,000
	b) Column up to GB	240	Cft	135.00	32,400	100%	32,400	3,240	35,640
	c) Grade Beam	793	Cft	135.00	107,055	100%	107,055	10,706	117,761
	d) Column Casting	940	Cft	135.00	126,900	100%	126,900	12,690	139,590
	e) Tie Beam	991	Cft	135.00	133,785	100%	133,785	13,379	147,164
	f) Roof Slab	740	Cft	130.00	96,200	100%	96,200	9,620	105,820
	g) Roof Beam	314	Cft	130.00	40,820	100%	40,820	4,082	44,902
	h) 5" RCC Wall		Cft	170.00	-	100%	-	-	-
	i) 6" RCC Floor	4,600	Cft	110.00	506,000	100%	506,000	50,600	556,600
	j) Floor Net Cement Finishing	7,695	Sft	5 00	38,475	100%	38,475	3,848	42,323
10	***Reinforcement Bar***	11,052	Kg	20.00	221,040	100%	221,040	22,104	243,144
11	2 " Patenstone	6,500	Cft	25.00	162,500	100%	162,500	16,250	178,750
12	Lying Polythine	6,500	Sft	2 00	13,000	100%	13,000	1,300	14,300
13	Single Door set	36	Nos	9,574 00	363,812	100%	363,812	36,381	400,193
14	Double Door set	16	Nos	16,083.00	257,328	100%	257,328	25,733	283,061
15	Window -Double Glass	19	Nos	2,270.00	43,130	100%	43,130	4,313	47,443
16	Louver	11	Nos	4,446.00	48,906	100%	48,906	4,891	53,797
17	Floor Epoxy	1,001	Sft	150 00	150,150	100%	150,150	15,015	165,165
18	Retan False Ceiling	1,211	Sft	235 00	284,585	100%	284,585	28,459	313,044
19	Roofing with Cl Sheet	5,642	Sft	125.00	705,250	100%	705,250	70,525	775,775
20	Grill	891	Sft	50.00	44,550	100%	44,550	4,455	49,005
21	Chiller barrier with net	700	Sft	50.00	35,000	100%	35,000	3,500	38,500
22	Apoxy wall	3,180	Sft	20.00	63,600	100%	63,600	6,360	69,960
23	Weather Coat	4,465	Sft	13.00	58,045	100%	58,045	5,805	63,850
24	Plastic paint	5,663	Sft	7.00	39,641	100%	39,641	3,964	43,605
25	Black anamel paint outside building	740	Sft	6.00	4,440	100%	4,440	444	4,884
26	Drain apron	840	Sft	35.00	29,400	100%	29,400	2,940	32,340
					4,696,036		4,696,036	469,604	5,165,639
27	Electrical Work:15% of Total Cost	704405		1	704,405	100%	704,405	70,441	774,846
28	Internal Sanitery Work 10% of Cost	469604		1	469,604	100%	469,604	46,960	516,564
		Total			5,870,045	110%	5,870,045	587,004	6,457,049
		Total cost inc overhead			6,457,049				

	Building No. 3 Utility & Betalactam								
	Sanitery Item			Rate,Tk	Total Taka	31-12 -' 00	Taka	0.00	Total
1	Commode with lowdown	6	Nos	9660.00	57960	100%	57960	5796	63756
2	Basin	6	Nos	3000.00	18000	100%	18000	1800	19800
3	Basin Stop Cock	6	Nos	250.00	1500	100%	1500	150	1650
4	Lide Pipe	6	Nos	500.00	3000	100%	3000	300	3300
5	Basin Mixture	6	Nos	1250.00	7500	100%	7500	750	8250
6	Shower Rose	6	Nos	250.00	1500	100%	1500	150	1650
7	Glass Shelf	6	Nos	250.00	1500	100%	1500	150	1650
8	Looking Glass	6	Nos	500 00	3000	100%	3000	300	3300
9	Towel Rail	6	Nos	350.00	2100	100%	2100	210	2310
10	Shoap Case	6	Nos	125.00	750	100%	750	75	825
11	Toilet Paper Stand	6	Nos	250.00	1500	100%	1500	150	1650
12	Exhaust Fan	6	Nos	2400.00	14400	100%	14400	1440	15840
13	4" PVC Pipe	660	Rft	65.00	42900	100%	42900	4290	47190
14	2" PVC Pipe	150	Rft	45.00	6750	100%	6750	675	7425
15	1 - 1 / 2" GI Pipe	200	Rft	90.00	18000	100%	18000	1800	19800
16	1 " GI Pipe	250	Rft	60 00	15000	100%	15000	1500	16500
17	1 / 2" GI Pipe	600	Rft	50 00	30000	100%	30000	3000	33000
18	Gate Valve	6	Nos	750.00	4500	100%	4500	450	4950
19	Standing Urinal	2	Nos	1800.00	3600	100%	3600	360	3960
20	Sitting Urinal	2	Nos	1000 00	2000	100%	2000	200	2200
	N.B. All Rate Inc.Fittings								
	Sub Total				0		235460	23546	259006

Healthcare Pharmaceuticals Limited
Statement of Progress of the project

CE- 3 3.04	**Buildings:-** Building No. 4 Warehouse Progress Of Work				Amount In Taka	Completion Of Work	Taka Value **Materials & Labour**	Other Charges	
	20973 Sft					31-12 -' 00	Only	Total	0.00
Sl No	Item of Work	Quantity	Unit	Rate,Tk	Total Taka		Taka	10%	Total
1	Earth Work in Excavation	35,415	Cft	1.80	63,747	100%	63,747	6,375	70,122
2	Trance Filling / Earth Filling	21,464	Cft	1.00	21,464	100%	21,464	2,146	23,610
3	Brick Flat Soling in Base and Floor	23,000	Sft	10 00	230,000	100%	230,000	23,000	253,000
4	10" Thick Brick Work-Gl to PL	16,360	Cft	60.00	981,600	100%	981,600	98,160	1 079,760
5	10" Thick Brick Work from Pl to Roof	13,152	Cft	60.00	789,120	100%	789,120	78,912	868,032
6	5" Thick Brick Work	10,710	Sft	30.00	321,300	100%	321,300	32,130	353,430
7	Total Plaster Work	53,060	Sft	10.00	530,600	100%	530,600	53,060	583,660
8	Sand Filling Up to PL	126,000	Cft	12.00	1,512,000	100%	1,512,000	151,200	1,663,200
9	**RCC Work**				-			-	-
	a) Footing / Base Casting	6,049	Cft	120.00	725,880	100%	725,880	72,588	798,468
	b) Column up to GB	720	Cft	135.00	97,200	100%	97,200	9,720	106,920
	c) Grade Beam	3,378	Cft	135.00	456,030	100%	456,030	45,603	501,633
	d) Paraphead	362	Cft	80.00	28,960	100%	28,960	2,896	31,856
	e) Column pl to Top	2,370	Cft	135.00	319,950	100%	319,950	31,995	351,945
	f) Tie Beam	6,668	Cft	135.00	900,180	100%	900,180	90,018	990,198
	g) Roof Slab	3,360	Cft	130 00	436,800	100%	436,800	43,680	480,480
	h) Roof Beam	820	Cft	130 00	106,600	100%	106,600	10,660	117,260
	I) 6" RCC Floor	10,430	Cft	110.00	1,147,300	100%	1,147,300	114,730	1,262,030
	k) Floor Net Cement Finishing	18,132	Sft	5.00	90,660	100%	90,660	9,066	99,726
10	***Reinforcement Bar***	158,334	Kg	20.00	3,166,680	100%	3,166,680	316,668	3,483,348
11	Paten stone	19,650	Sft	35.00	687,750	100%	687,750	68,775	756,525
12	2 " CC work in floor	20,861	Sft	25.00	521,525	100%	521,525	52,153	573,678
13	Lying Polythine	23,000	Sft	1.50	34,500	100%	34,500	3,450	37,950
14	Painting work	53,060	Sft	7.00	371,420	100%	371,420	37,142	408,562
15	Single Door set	16	Nos	9574.00	153,184	100%	153,184	15,318	168,502
16	Double Door set	6	Nos	16083.00	96,498	100%	96,498	9,650	106,148
17	Window -Double Glass	15	Nos	2270.00	34,050	100%	34,050	3,405	37,455
18	Louver	9	Nos	4446.00	40,014	100%	40,014	4,001	44,015
19	Roofing -Zamil Steel	17,222	Sft	153.00	2,634,966	100%	2,634,966	263,497	2,898,463
20	Main Gate	652	Sft	175.00	114,100	100%	114,100	11,410	125,510
21	Floor Epoxy -Cool Room Area	184	Sft	150.00	27,600	100%	27,600	2,760	30,360
22	Porch with CI sheet	3,093	Sft	120.00	371,160	100%	371,160	37,116	408,276
23	MS Stair	63	Sft	80.00	5,040	100%	5,040	504	5,544
24	Steel overbridge	33	Sft	60 00	1,980	100%	1,980	198	2,178
25	False ceilling	4,096	Sft	82.00	335,790	100%	335,790	33,579	369,369
26	Wall epoxy	5,893	Sft	20.00	117,860	100%	117,860	11,786	129,646
27	Fixed Glass top of the wall	202	Sft	80.00	16,160	100%	16,160	1,616	17,776
28	Plastic paint	32,680	Sft	7.00	228,760	100%	228,760	22,876	251,636
29	Enamel black paint outside building	2,318	Sft	6.00	13,908	100%	13,908	1,391	15,299
30	Drain apron	1 552	Sft	35 00	54,320	100%	54,320	5,432	59,752
31	Weather coat	14,478	Sft	13.00	188,214	100%	188,214	18,821	207,035
					17,974,870		17,974,870	1,797,487	19,772,357
32	Electrical Work-15% of Total Cost	2,696,231		1.00	2,696,231	100%	2,696,231	269,623	2,965,854
33	Internal Sanitery Work 10% of Cost	1,797,487		1.00	1,797,487	100%	1,797,487	179,749	1,977,236
		Total			22,468,588	110%	22,468,588	2,246,859	24,715,446
			Cost Inc.overhead		24,715,446				

	Building No. 4 Warehouse								
	Sanitery item			Rate,Tk	Total Taka	31-12-'00	Taka	0.00	Total
1	Commode with lowdown	6	Nos	9660.00	57960	100%	57960	5796	63756
2	Basin	6	Nos	3000.00	18000	100%	18000	1800	19800
3	Basin Stop Cock	6	Nos	250.00	1500	100%	1500	150	1650
4	Lide Pipe	6	Nos	500.00	3000	100%	3000	300	3300
5	Basin Mixture	6	Nos	1250.00	7500	100%	7500	750	8250
6	Shower Rose	6	Nos	250.00	1500	100%	1500	150	1650
7	Glass Shelf	6	Nos	250.00	1500	100%	1500	150	1650
8	Looking Glass	6	Nos	500.00	3000	100%	3000	300	3300
9	Towel Rail	6	Nos	350.00	2100	100%	2100	210	2310
10	Shoap Case	6	Nos	125.00	750	100%	750	75	825
11	Toilet Paper Stand	6	Nos	250.00	1500	100%	1500	150	1650
12	Exhaust Fan	6	Nos	2400.00	14400	100%	14400	1440	15840
13	4" PVC Pipe	660	Rft	65.00	42900	100%	42900	4290	47190
14	2" PVC Pipe	150	Rft	45.00	6750	100%	6750	675	7425
15	1 - 1 / 2" GI Pipe	200	Rft	90.00	18000	100%	18000	1800	19800
16	1 " GI Pipe	250	Rft	60.00	15000	100%	15000	1500	16500
17	1 / 2" GI Pipe	600	Rft	50.00	30000	100%	30000	3000	33000
18	Gate Valve	6	Nos	750.00	4500	100%	4500	450	4950
19	Standing Urinal	2	Nos	1800.00	3600	100%	3600	360	3960
20	Sitting Urinal	2	Nos	1000.00	2000	100%	2000	200	2200
	Sub Total				0		235460	23546	259006

Healthcare Pharmaceuticals Limited
Statement of Progress of the project

CE- 3 3.05	**Buildings:-** Building No 5 Admin & QC Progress Of Work				Amount In Taka	Completion Of Work	Taka Value **Materials & Labour Only**	Other Charges Overhead	
	21984 Sft					31-12-'00	Total	Total	0.00
Sl No	Item of Work	Quantity	Unit	Rate.Tk	Total Taka		Taka	10%	Total
1	Earth Work In Excavation	5,805	Cft	1.80	10,449	100%	10,449	1,045	11,494
2	Earth Filling	3,668	Cft	1.00	3,668	100%	3,668	367	4,035
3	Brick Flat Soling in Base and Floor	5,586	Sft	10.00	55,860	100%	55,860	5,586	61,446
4	10" Thick Brick Work-GI to PL	1,200	Cft	60.00	72,000	100%	72,000	7,200	79,200
5	10" Thick Brick Work from Pl to Roof	1,076	Cft	60.00	64,560	100%	64,560	6,456	71,016
6	5" Thick Brick Work	9,060	Sft	30.00	271,800	100%	271,800	27,180	298,980
7	Wall Plaster	20,120	Sft	10.00	201,200	100%	201,200	20,120	221,320
8	Ceiling Plaster	15,923	Sft	10.00	159,230	100%	159,230	15,923	175,153
9	Sand Filling Up to PL	11,000	Cft	12.00	132,000	100%	132,000	13,200	145,200
10	**RCC Work**				-			-	
	a) Footing / Base Casting	895	Cft	120.00	107,365	100%	107,365	10,737	118,102
	b) Column up to GB	125	Cft	135.00	16,875	100%	16,875	1,688	18,563
	c) Grade Beam	506	Cft	135.00	68,349	100%	68,349	6,835	75,184
	d) Column Casting up to top	670	Cft	135.00	90,450	100%	90,450	9,045	99,495
	e) Roof Slab	6,300	Cft	130.00	819,000	100%	819,000	81,900	900,900
	f) Roof Beam	2,300	Cft	130.00	299,000	100%	299,000	29,900	328,900
	g)Stair Casting	250	Cft	130.00	32,500	100%	32,500	3,250	35,750
11	***Reinforcement Bar***	50,000	Kg	20.00	1,000,000	100%	1,000,000	100,000	1,100,000
12	Patent stone	18,600	Sft	35.00	651,000	100%	651,000	65,100	716,100
13	Lying Polythene	9,100	Sft	2.00	18,200	100%	18,200	1,820	20,020
14	Plastic Door	30	Nos	5500.00	165,000	100%	165,000	16,500	181,500
15	Single Door-QC Area	19	Nos	9574.00	181,906	100%	181,906	18,191	200,097
16	Double Door-QC Area	4	Nos	16083.00	64,332	100%	64,332	6,433	70,765
17	Window -QC Area	28	Nos	2270.00	59,020	100%	59,020	5,902	64,922
18	Wooden Door	2	Nos	8000.00	16,000	100%	16,000	1,600	17,600
19	Thai Glass Mixed Door	630	Sft	200.00	126,000	100%	126,000	12,600	138,600
20	Short Column	125	Cft	150	18,750	100%	18,750	1,875	20,625
21	Window Aluminium	5,000	Cft	170	850,000	100%	850,000	85,000	935,000
22	Drop Wall	1,280	Cft	250	320,000	100%	320,000	32,000	352,000
23	MS Stair	30	Sft	80	2,400	100%	2,400	240	2,640
24	Marbell	11,094	Sft	465	5,158,515	100%	5,158,515	515,851	5,674,366
25	Ceramic Tiles -Floor	13,500	Sft	140	1,890,000	100%	1,890,000	189,000	2,079,000
26	False Ceiling	9,000	Sft	82	738,000	100%	738,000	73,800	811,800
27	Floor Epoxy-QC Area	4,629	Sft	150	694,350	100%	694,350	69,435	763,785
28	Wall Epoxy	5,816	Sft	20	116,320	100%	116,320	11,632	127,952
29	Plastic Paint	35,207	Sft	7	246,449	100%	246,449	24,645	271,094
30	Weather Coat	12,160	Sft	13	158,080	100%	158,080	15,808	173 888
31	Thai Glass front	2,663	Sft	315	835,695	100%	835,695	83,570	919,265
32	MDB,SDB Lighting,Piping etc				574,00	100%	574,000	57,400	631,400
34	MS. Railing	135	Rft	350	47,250	100%	47,250	4,725	51,975
35	10" Glass Partition	662.42	Sft	155	102,675	100%	102,675	10,268	112,943
36	10" Doble Door	2	Pcs	32000	64,000	100%	64,000	6,400	70 400
37	10" Single Door	4	Pcs	16000	64,000	100%	64,000	6,400	70,400
					15,714,323		15,714,323	1,571,432	17,285,755
32	Electrical Work 15% of Total Cost	2,357,148		1.00	2,357,148	70%	1,650,004	165,000	1,815,004
33	Internal Sanitary Work 15% of Cost	2,357,148		1.00	2,357,148	100%	2,357,148	235,715	2,592,863
					4,714,297		4,007,152	400,715	4,407,868
		Total			20,428,620	106%	19,721,475	1,972,148	21,693,623
			Cost inc.overhead		22,471,482				

	Building No. 5 Admin & QC								
	Sanitery Item			Rate,Tk	Total Taka	31-12-'00	Taka	Others	Total
1	Commode with lowdown	10	No	30000.00	300000	100%	300000	30000	330000
2	Basin	9	Nos	3000.00	27000	100%	27000	2700	29700
3	Basin Stop Cock	9	Nos	250.00	2250	100%	2250	225	2475
4	Lid Pipe	9	Nos	500.00	4500	100%	4500	450	4950
5	Basin Mixture	18	Nos	1250.00	22500	100%	22500	2250	24750
6	Shower Rose	18	Nos	1200.00	21600	100%	21600	2160	23760
7	Glass Shelf	10	Nos	250.00	2500	100%	2500	250	2750
8	Looking Glass	10	Nos	500.00	5000	100%	5000	500	5500
9	Towel Rail	10	Nos	350.00	3500	100%	3500	350	3850
10	Soap Case	10	Nos	125.00	1250	100%	1250	125	1375
11	Toilet Paper holder	10	Nos	250.00	2500	100%	2500	250	2750
12	Exhaust Fan	10	Nos	2400.00	24000	100%	24000	2400	26400
13	6" PVC Pipe	800	Rft	115.00	92000	100%	92000	9200	101200
14	4" PVC Pipe	700	Rft	115.00	80500	100%	80500	8050	88550
15	2" PVC Pipe	150	Rft	45.00	6750	100%	6750	675	7425
16	1 - 1 / 2" GI Pipe	450	Rft	100.00	45000	100%	45000	4500	49500
17	1 " GI Pipe	300	Rft	70.00	21000	100%	21000	2100	23100
18	1 / 2" GI Pipe	600	Rft	50.00	30000	100%	30000	3000	33000
19	Gate Valve	4	Nos	750.00	3000	100%	3000	300	3300
20	Standing Urinal	6	Nos	2500.00	15000	100%	15000	1500	16500
21	Sitting Urinal	12	Nos	1500.00	18000	100%	18000	1800	19800
22	Septic Tank	1	No	60000.00	60000	100%	60000	6000	66000
23	Sock Well	1	No	28000.00	28000	100%	28000	2800	30800
24	Inspection Pit	12	Nos	2800.00	33600	100%	33000	3360	36960
25	Other Bath Room Fittings	60	Nos	2500.00	150000	100%	150000	15000	165000
26	Shink	2	Nos	5000.00	10000	100%	10000	1000	11000
27	SDB,MDB,Lighting Piping etc								
	Sub Total						1009450	100945	

Healthcare Pharmaceuticals Limited
Statement of BQ of the project

CE- 3 3.06	**Buildings:-** Building No 6 Canteen Progress Of Work				Amount In Taka	Completion Of Work	Taka Value **Materials & Labour Only**	Other Charges	
	7144 Sft							Total	0.00
Sl No	Item of Work	Quantity	Unit	Rate.Tk	Total Taka		Taka	0.10	Total
1	Earth Work in Excavation	7,191	Cft	1 80	12,944	100%	12,944	1,294	14,238
2	Trance Filling	2,650	Cft	1 00	2,650	100%	2,650	265	2,915
3	Brick Flat Soling in Base and Floor	4,224	Sft	10.00	42,240	100%	42,240	4,224	46,464
4	10" Thick Brick Work-Gl to PL	1,750	Cft	60.00	105,000	100%	105,000	10,500	115,500
5	10" Thick Brick Work from Pl to Roof	870	Cft	60.00	52,200	100%	52,200	5,220	57,420
6	5" Thick Brick Work	5,111	Sft	30.00	153,330	100%	153,330	15,333	168,663
7	Total Plaster Work	22,432	Sft	10.00	224,320	100%	224,320	22,432	246,752
8	Sand Filling Up to PL	9,810	Cft	12.00	117,720	100%	117,720	11,772	129,492
9	**RCC Work**				-	100%	-	-	-
	a) Footing / Base Casting	375	Cft	120 00	45,000	100%	45,000	4,500	49,500
	b) Column up to GB	375	Cft	135 00	50,625	100%	50,625	5,063	55,688
	c) Grade Beam	430	Cft	135.00	58,050	100%	58,050	5,805	63,855
	d) Column Casting up to top	528	Cft	135.00	71,280	100%	71,280	7,128	78,408
	e) Short Column	90	Cft	135.00	12,150	100%	12,150	1,215	13,365
	f) Tie Beam	260	Cft	135.00	35,100	100%	35,100	3,510	38,610
	g) Roof Slab	6,000	Cft	130.00	780,000	100%	780,000	78,000	858,000
	h) Floor Work	660	Cft	160 00	105,600	100%	105,600	10,560	116,160
	i) Roof Beam	375	Cft	130 00	48,750	100%	48,750	4,875	53,625
	J) Floor Net Cement Finishing	1,700	Sft	5.00	8,500	100%	8,500	850	9,350
10	CC Work in floor	1,178	Cft	110 00	129,580	100%	129,580	12,958	142,538
11	***Reinforcement Bar***	23,609	Kg	20.00	472,180	100%	472,180	47,218	519,398
12	Patenstone	1,560	Sft	35.00	54,600	100%	54,600	5,460	60,060
13	Lying Polythine	4,122	Sft	2 00	8,244	100%	8,244	824	9,068
14	Steel Door Single Shutter	6	Nos	8000.00	48,000	100%	48,000	4,800	52,800
15	Thai Glass Mixed Door	8	Sft	200.00	1,600	100%	1,600	160	1,760
16	Plastic Door	12	Nos	6000.00	72,000	100%	72,000	7,200	79,200
17	Window	385	Sft	110.00	42,350	100%	42,350	4,235	46,585
18	Drop Wall	1,505	Sft	250.00	376,250	100%	376,250	37,625	413,875
19	Weather Coat	5,000	Sft	13.00	65,000	100%	65,000	6,500	71,500
20	Plastic Paint	17,432	Sft	7.00	122,024	100%	122,024	12,202	134,226
21	Drain apron	732	Sft	35.00	25,620	100%	25,620	2,562	28,182
22	Stair	523	cft	130.00	67,990	100%	67,990	6,799	74,789
23	Thai alumunium with colored glass	2,010	sft	315.00	633,150	100%	633,150	63,315	696,465
24	Floor tiles	6,600	Sft	140.00	924,000	100%	924,000	92 400	1,016,400
25	Wall tiles	1,400	Sft	135.00	189,000	100%	189,000	18 900	207,900
26	MS pipe railing	387	Sft	180.00	69,660	100%	69,660	6,966	76,626
27	Painting	8,605	Cft	5.00	43,025	100%	43,025	4,303	47,328
		8,605	Cft	5.00	43,025	100%	43,025	4,303	47,328
					5,312,757		5,312,757	531,276	5,844,032
28	Electrical Work:15% of Total Cost	796,914		1.00	796,914	0%	-	-	-
29	Internal Sanitery Work 10% of Cost	531,276		1.00	531,276	100%	531,276	53,128	584,403
					1,328,189		531,276	53,128	584,403
		Total			6,640,946	97%	5,844,032	584,403	6,428,436

Healthcare Pharmaceuticals Limited
Statement of BQ of the project

CE- 3 3,06	**Buildings:-** Building No. 6 Canteen Progress Of Work				Amount in Taka	Completion Of Work	Taka Value **Materials & Labour Only**	Other Charges	
	7144 Sft					31-12 -' 00		Total	0.00
Sl No	Item of Work	Quantity	Unit	Rate.Tk	Total Taka		Taka	0.10	Total
1	Earth Work in Excavation	7,191	Cft	1.80	12,944	100%	12,944	1,294	14,238
2	Trance Filling	2,650	Cft	1.00	2,650	100%	2,650	265	2,915
3	Brick Flat Soling In Base and Floor	4,224	Sft	10.00	42,240	100%	42,240	4,224	46,464
4	10" Thick Brick Work-GI to PL	1,750	Cft	60.00	105,000	100%	105,000	10,500	115,500
5	10" Thick Brick Work from Pl to Roof	870	Cft	60.00	52,200	100%	52,200	5,220	57,420
6	5" Thick Brick Work	5,111	Sft	30.00	153,330	100%	153,330	15,333	168,663
7	Total Plaster Work	22,432	Sft	10.00	224,320	100%	224,320	22,432	246,752
8	Sand Filling Up to PL	9,810	Cft	12.00	117,720	100%	117,720	11,772	129,492
9	**RCC Work**				-	100%	-	-	-
	a) Footing / Base Casting	375	Cft	120.00	45,000	100%	45,000	4,500	49,500
	b) Column up to GB	375	Cft	135.00	50,625	100%	50,625	5,063	55,688
	c) Grade Beam	430	Cft	135.00	58,050	100%	58,050	5,805	63,855
	d) Column Casting up to top	528	Cft	135.00	71,280	100%	71,280	7,128	78,408
	e) Short Column	90	Cft	135.00	12,150	100%	12,150	1,215	13,365
	f) Tie Beam	260	Cft	135.00	35,100	100%	35,100	3,510	38,610
	g) Roof Slab	6,000	Cft	130.00	780,000	100%	780,000	78,000	858,000
	h) Floor Work	660	Cft	160.00	105,600	100%	105,600	10,560	116,160
	i) Roof Beam	375	Cft	130.00	48,750	100%	48,750	4,875	53,625
	j) Floor Net Cement Finishing	1,700	Sft	5.00	8,500	100%	8,500	850	9,350
10	CC Work in floor	1,178	Cft	110.00	129,580	100%	129,580	12,958	142,538
11	***Reinforcement Bar***	23,609	Kg	20.00	472,180	100%	472,180	47,218	519,398
12	Patenstone	1,560	Sft	35.00	54,600	100%	54,600	5,460	60,060
13	Lying Polythine	4,122	Sft	2.00	8,244	100%	8,244	824	9,068
14	Steel Door Single Shutter	6	Nos	8000.00	48,000	100%	48,000	4,800	52,800
15	Thai Glass Mixed Door	8	Sft	200.00	1,600	100%	1,600	160	1,760
16	Plastic Door	12	Nos	6000.00	72,000	100%	72,000	7,200	79,200
17	Window	385	Sft	110.00	42,350	100%	42,350	4,235	46,585
18	Drop Wall	1,505	Sft	250.00	376,250	100%	376,250	37,625	413,875
19	Weather Coat	5,000	Sft	13.00	65,000	100%	65,000	6,500	71,500
20	Plastic Paint	17,432	Sft	7.00	122,024	100%	122,024	12,202	134,226
21	Drain apron	732	Sft	35.00	25,620	100%	25,620	2,562	28,182
22	Stair	523	cft	130.00	67,990	100%	67,990	6,799	74,789
23	Thai alumunium with colored glass	2,010	sft	315.00	633,150	100%	633,150	63,315	696,465
24	Floor tiles	6,600	Sft	140.00	924,000	100%	924,000	92,400	1,016,400
25	Wall tiles	1,400	Sft	135.00	189,000	100%	189,000	18,900	207,900
26	MS pipe railing	387	Sft	180.00	69,660	100%	69,660	6,966	76,626
27	Painting	8,605	Cft	5.00	43,025	100%	43,025	4,303	47,328
		8,605	Cft	5.00	43,025	100%	43,025	4,303	47,328
					5,312,757		5,312,757	531,276	5,844,032
28	Electrical Work:15% of Total Cost	796,914		1.00	796,914	0%	-	-	-
29	Internal Sanitery Work 10% of Cost	531,276		1.00	531,276	100%	531,276	53,128	584,403
					1,328,189		531,276	53,128	584,403
		Total			6,640,946	97%	5,844,032	584,403	6,428,436

	Building No 6 Canteen								
	Sanitery Item			Rate.Tk	Total Taka	31-12-' 00	Taka	0.00	Total
1	Commode with lowdown	2	Nos	9660.00	19320	100%	19320	19.32	19339 32
2	Basin	4	Nos	3000.00	12000	100%	12000	12	12012
3	Basin Stop Cock	8	Nos	250.00	2000	100%	2000	2	2002
4	Lide Pipe	4	Nos	500.00	2000	100%	2000	2	2002
5	Basin Mixture	8	Nos	1250.00	10000	100%	10000	10	10010
6	Shower Rose	2	Nos	250 00	500	100%	500	1	501
7	Glass Shelf	8	Nos	250.00	2000	100%	2000	2	2002
8	Looking Glass	8	Nos	500.00	4000	100%	4000	4	4004
9	Towel Rail	6	Nos	350.00	2100	100%	2100	2	2102
10	Shoap Case	6	Nos	125.00	750	100%	750	1	751
11	Toilet Paper Stand	2	Nos	250.00	500	100%	500	1	501
12	Exhaust Fan	2	Nos	2400 00	4800	100%	4800	5	4805
13	4" PVC Pipe	400	Rft	65.00	26000	100%	26000	26	26026
14	2" PVC Pipe	100	Rft	45.00	4500	100%	4500	5	4505
15	1 - 1 / 2" GI Pipe	200	Rft	90.00	18000	100%	18000	18	18018
16	1 " GI Pipe	250	Rft	60.00	15000	100%	15000	15	15015
17	1 / 2" GI Pipe	300	Rft	50.00	15000	100%	15000	15	15015
18	Gate Valve	4	Nos	750.00	3000	100%	3000	3	3003
19	Standing Urinal	2	Nos	1800.00	3600	100%	3600	4	3604
20	Sitting Urinal	2	Nos	1000.00	2000	100%	2000	2	2002
	Sub Total				0		147070	147	147217

Healthcare Pharmaceuticals Limited
Statement of BQ of the project

CE- 3 3.07	**Waste Water Treatment Plant :-** Building No :- 7 Progress Of Work			Rate Variance	Amount In Taka	Completion Of Work	Taka Value **Materials & Labour**	Other Charges	
	2325 Sft					31-12 -' 00	**Only**	Total	0.00
Sl No	Item of Work	Quantity	Unit	Rate Tk	Total Taka		Taka	0.10	Total
1	Earth Work in Excavation	20,072	Cft	1 8	36,130	100%	36,130	3,613	39,743
2	Trance Filling / Sand Filling	8,024	Cft	12	96,288	100%	96,288	9,629	105,917
3	Brick Flat Soling	1,477	Sft	10	14,770	100%	14,770	1,477	16,247
4	RCC Casting	3,700	Cft	130	481,000	100%	481 000	48,100	529,100
5	Reinforcement Bar	17,000	Kg	20	340,000	100%	340,000	34,000	374,000
6	Paten stone	1,028	Sft	35	35,980	100%	35,980	3,598	39,578
7	Plastering with net cement finishing	2,000	Sft	15	30,000	100%	30,000	3,000	33,000
8	Total Plaster Work	3,541	Sft	10	35,410	100%	35,410	3,541	38,951
					1,069,578		1,069,578	106,958	1,176,535
		Cost inc overhead			1,176,535				
9	Equalizer Basin	2,560	Cft	135.00	345,600	100%	345,600	346	345,946
10	Biological Tower	538	Cft	135.00	72,630	100%	72,630	73	72,703
11	Clarifies Pit	723	Cft	135.00	97,605	100%	97,605	98	97,703
12	Clear Water Pit	90	Cft	135.00	12,150	100%	12,150	12	12,162
13	Railing Work	1	Set		-	100%	-	-	-
14	Platform Work & Lader	1	Set		-	100%	-	-	-
15	Shedding Work	1	Set		-				
16	Equipment & Accessories	Various		1.00	1,500,000				
					2,027,985		527,985	528	528,513
		Total Cost			3,097,563		1,597,563	107,486	1,705,048

Healthcare Pharmaceuticals Limited
Statement of BQ of the project

CE- 3 3.08	**Gate House Guard Room** **Building No 8** Progress Of Work			Rate Variance	Amount In Taka	Completion Of Work	Taka Value **Materials & Labour** Only	Other Charges	
	Area **900** **Sft**					31-12 -' 00	Total	Total	0.00
Sl No	Item of Work	Quantity	Unit	Rate Tk	Total Taka		Taka	0.10	Total
1	Earth Work in Excavation	2,000	Cft	1.80	3,600	100%	3,600	360	3,960
2	Earth/Trance Filling	1,500	Cft	3.00	4,500	100%	4,500	450	4,950
3	Brick Flat Soling in Base and Floor	1,082	Sft	12.00	12,984	100%	12,984	1,298	14,282
4	10" Thick Brick Work gl to pl	175	Cft	60.00	10,500	100%	10,500	1,050	11,550
5	10" Thick Brick Work pl to top	430	Cft	60.00	25,800	100%	25,800	2,580	28,380
6	5" Thick Brick Work	423	Sft	30.00	12,690	100%	12,690	1,269	13,959
7	Total Plaster Work	3,608	Sft	10.00	36,080	100%	36,080	3,608	39,688
8	Sand Filling Up to PL	800	Cft	12.00	9,600	100%	9,600	960	10,560
	RCC Work				-	100%	-	-	-
	a) Footing / Base Casting	100	Cft	110.00	11,000	100%	11,000	1,100	12,100
	b) Column up to GB	50	Cft	120.00	6,000	100%	6,000	600	6,600
	c) Grade Beam	120	Cft	135.00	16,200	100%	16,200	1,620	17,820
	d) Column Casting up to top	60	Cft	135.00	8,100	100%	8,100	810	8,910
	e) Roof Slab	390	Cft	134.00	52,260	100%	52,260	5,226	57,486
	h) Floor C.C.	300	Cft	160.00	48,000	100%	48,000	4,800	52,800
	i) Floor R.C.C	112	Cft	120.00	13,440	100%	13,440	1,344	14,784
	j) Roof Beam	130	Cft	130.00	16,900	100%	16,900	1,690	18,590
9	***Reinforcement Bar***	3,750	Kg	20.00	75,000	100%	75,000	7,500	82,500
10	Patenstone	900	Sft	35.00	31,500	100%	31,500	3,150	34,650
11	Lying Polythine	1,000	Sft	2.00	2,000	100%	2,000	200	2,200
12	Steel Door Single Shutter	6	Nos	9574.00	57,444	100%	57,444	5,744	63,188
13	Thai Window	315	Sft	190.00	59,850	100%	59,850	5,985	65,835
14	Plaster work	3,608	Sft	10.00	36,080	100%	36,080	3,608	39,688
15	Weather coat	1,560	Sft	13.00	20,280	100%	20,280	2,028	22,308
16	Plastic paint	1,463	Sft	7.00	10,241	100%	10,241	1,024	11,265
17	Floor tiles	850	Sft	140.00	119,000	100%	119,000	11,900	130,900
18	Wall tiles	280	Sft	135.00	37,800	100%	37,800	3,780	41,580
					736,849		736,849	73,685	810,534
19	Electrical Work 15% of Total Cost	110,527		1.00	110,527	0%	-	-	-
20	Internal Sanitery Work 10% of Cost	73,685		1.00	73,685	100%	73,685	7,368	81,053
					184,212		73,685	7,368	81,053
		Total			921,061		810,534	81,053	891,587
			Cost Inc.overhead		1,013,167				

Healthcare Pharmaceuticals Limited
Statement of BQ of the project

CE- 3 3.08	**2nd Gate House Guard Room** **Building No 9** Progress Of Work			Rate Variance	Amount In Taka	Completion Of Work	Taka Value **Materials & Labour Only**	Other Charges	
	Area **130** **Sft**					1	Total	0.00	
Sl No	Item of Work	Quantity	Unit	Rate Tk	Total Taka		Taka	0.10	Total
1	Earth Work in Excavation	972.6	Cft	1.80	1,751	100%	1,751	175	1,926
2	Earth/Trance Filling	680.72	Cft	1.00	681	100%	681	68	749
3	Brick Flat Soling in Base and Floor	109.09	Sft	10.00	1,091	100%	1,091	109	1,200
4	10" Thick Brick Work gl to pl	106.89	Cft	60.00	6,413	100%	6,413	641	7,055
5	10" Thick Brick Work pl to top	1,801.97	Cft	60.00	108,118	100%	108,118	10,812	118,930
6	5" Thick Brick Work	303.5	Sft	30.00	9,105	100%	9,105	911	10,016
7	Total Plaster Work	1,865.11	Sft	10.00	18,651	100%	18,651	1,865	20,516
8	Sand Filling Up to PL	128	Cft	12.00	1,536	100%	1,536	154	1,690
	RCC Work				-	100%	-	-	-
	a) Footing / Base Casting	92.7	Cft	110.00	10,197	100%	10,197	1,020	11,217
	b) Column up to GB	163.82	Cft	120.00	19,658	100%	19,658	1,966	21,624
	c) Grade Beam	49.80	Cft	135.00	6,723	100%	6,723	672	7,395
	d) Column Casting up to top	50	Cft	135.00	6,750	100%	6,750	675	7,425
	e) Roof Slab	50	Cft	134.00	6,700	100%	6,700	670	7,370
9	Stainless Still	93	Sft	350.00	32,498	100%	32,498	3,250	35,747
10	Weather coat	9	Sft	13.00	117	100%	117	12	129
11	Ms.Bar	1,891	kg	24.00	45,384	100%	45,384	4,538	49,922
12	Floor tiles	298	Sft	350.00	104,300	100%	104,300	10,430	114,730
					379,673		379,673	37,967	417,640
13	Electrical Work 15% of Total Cost	56,951		1.00	56,951	0%	-	-	-
14	Internal Sanitery Work 10% of Cost	37,967		1.00	37,967	100%	37,967	3,797	41,764
					94,918		37,967	3,797	41,764
		Total			474,591		417,640	41,764	459,404
		Cost inc overhead			522,050				

Healthcare Pharmaceuticals Limited
Statement of BQ of the project

CE- 3 3.08	**2nd Gate House Guard Room** **Building No 10** Progress Of Work			Rate Variance	Amount in Taka	Completion Of Work	Taka Value **Materials & Labour Only**	Other Charges	
	Area **130** **Sft**					0	Total	0.00	
Sl No	Item of Work	Quantity	Unit	Rate,Tk	Total Taka		Taka	Other	Total
1	Earth Work in Excavation	275.0	Cft	1 80	495	100%	495	50	545
2	EarthTrance Filling	150.00	Cft	1.00	150	100%	150	15	165
3	Brick Flat Soling in Base and Floor	250 00	Sft	10.00	2,500	100%	2,500	250	2,750
4	10" Thick Brick Work gl to pl	37.35	Cft	60.00	2,241	100%	2,241	224	2,465
5	5" Thick Brick Work	498.0	Sft	30.00	14,940	100%	14,940	1,494	16,434
6	Total Plaster Work	1,758.79	Sft	10.00	17,588	100%	17,588	1,759	19,347
7	Sand Filling Up to PL	240	Cft	12.00	2,880	100%	2,880	288	3,168
	RCC Work				-	100%	-	-	-
	a) Footing / Base Casting	181.3	Cft	110.00	19,938	100%	19,938	1,994	21,931
	b) Column up to GB	87.10	Cft	120.00	10,452	100%	10 452	1,045	11,497
	c) Beam Casting	1 35	Cft	135.00	182	100%	182	18	200
	d) Graet Beam Casting	49.80	Cft	135.00	6,723	100%	6,723	672	7,395
	e) Roof Slab	50	Cft	134.00	6,700	100%	6,700	670	7,370
9	Stainless Still	22.75	Sft	350.00	7,963	100%	7,963	796	8,759
10	Weather coat	9	Sft	13.00	117	100%	117	12	129
11	Ms.Bar	1,891	kg	24.00	45,384	100%	45,384	4,538	49,922
12	Floor tiles	298	Sft	350.00	104,300	100%	104,300	10,430	114,730
					242,552		242,552	24,255	266,807
13	Electrical Work:15% of Total Cost	36,383		1.00	36,383	0%	-	-	-
14	Internal Sanitery Work 10% of Cost	24,255		1 00	24,255	100%	24,255	2,428	26,681
					60,638		24,255	2,426	26,681
		Total			303,190		266,807	26,681	293,488
		Cost inc.overhead			333,509				

Healthcare Pharmaceuticals Limited
Statement of BQ of the project

CE- 3 3.07	**Road Parmanent:-** Progress Of Work				Amount in Taka	Completion Of Work 31-12 -' 00	Taka Value **Materials & Labour Only** Taka	Oh & Profit VAT I Tax Total	15.00 4 50 3.00 22.50
Sl No	Item of Work	Quantity	Unit	Rate.Tk	Total Taka				Total
1	Earth Work in Excavation	93 744	Cft	1.60	150,739	100%	150,739	15,074	165,813
2	Sub Grading work	41,872	Cft	28.00	1,172,416	100%	1,172,416	117,242	1,289,658
3	RCC	20 934	Cft	120.00	2,512,080	100%	2,512,080	251,208	2,763,288
4	Sand Filling	108,865	Cft	12.00	1,306,380	100%	1,306,380	130,638	1,437,018
5	Ms. Bar	45,000	Kg	24.00	1,080,000	100%	1,080,000	108,000	1,188,000
6	Guide Wall	2,315	Cft	60.00	138,870	100%	138,870	13,887	152,757
7	Tiles	3,000	Sft	65.00	195,000	100%	195,000	19,500	214,500
8	PBC Post	120	Pcs	80.00	9,600	100%	9,600	960	10,560
9	Pegment Bricks	2,400	Sft	70.00	168,000	100%	168,000	16,800	184,800
10	Plastic Paint	6,119	Pcs	7.00	42,835	100%	42,835	4,284	47,119
11	Main Gate	2	Pcs	50000.00	100,000	100%	100,000	10,000	
12	Plaster	6,119.33	Sft	10.00	61,193	100%	61,193	6,119	
13	6" PVC Pipe	660	Sft	80.00	52,800	100%	52,800	5,280	
		Total			6,989,914		6,989,914	677,592	7,453,513
		Cost inc.Overhead			7,688,905	97%			

CE- 3 3.07	**Drain :-** Progress Of Work				Amount in Taka	Completion Of Work 31-12 -' 00	Taka Value **Materials & Labour Only** Taka	Oh & Profit VAT I Tax Total	15 5 3 23
Sl No	Item of Work	Quantity	Unit	Rate.Tk	Total Taka				Total
1	Earth Work in Excavation	4060	Cft	1.80	7,308	100%	7,308	731	8,039
2	Soling Work	4060	Cft	12.00	48,720	100%	48,720	4,872	53,592
3	CC Work	4060	Cft	30.00	121,800	100%	121,800	12,180	133,980
4	10" Brick Work	4718	Sft	60.00	283,080	100%	283,080	28,308	311,388
5	Plaster	10558	Cft	10.00	105,580	100%	105,580	10,558	116,138
6	Net Cement Finishing	10558	Cft	5.00	52,790	100%	52,790	5,279	58,069
7	6" PVC Pipe	4000	Rft	90.00	360,000	100%	360,000	36,000	396,000
8	Collection Pit								
9	Grating								
		Total			979,278		971,970	97,197	1,069,167

Healthcare Pharmaceuticals Limited
Statement of BQ of the project

CE- 02 3.07	**Misc Land Improvement :-** Progress Of Work				Amount In Taka	Completion Of Work 31-12 -' 00	Taka Value **Materials & Labour Only**	Oh & Profit VAT I Tax Total	15.00 4.50 3.00 22.50
Sl No	Item of Work	Quantity	Unit	Rate Tk	Total Taka		Taka	10%	Total
1	Earth Work in Excavation	18,360	Cft	1.80	33,048	100%	33048	3305	36353
2	Earth Filling	12 240	Cft	3.00	36,720	100%	36720	3672	40392
3	Column Base Casting	6,000	Cft	170 00	1,020,000	100%	1020000	102000	1122000
4	Garde Beam Casting	2 135	Cft	170 00	362,950	100%	362950	36295	399245
5	5" Brick Work	21 000	Sft	30.00	630,000	100%	630000	63000	693000
6	Site Development - Earth Filling	70,000	Cft	12.00	840,000	100%	840000	84000	924000
7	Temporary Road Development	54,000	Cft	12.00	648,000	100%	648000	64800	712800
8	B Pointing	51,800	Sft	3.00	155,400	100%	155400	15540	170940
9	Materials and Labour Shed - 15' . 0' x 70' . 0' = 1050 15' . 0' x 50' . 0' = 750 10' . 0' x 50' . 0' = 500 10' . 0' x 30' . 0' = 300	2,600	Sft	200 00	520,000	100%	520000	52000	572000
10	Deep Tubewell	1	No	750000	750,000	100%	750000	75000	825000
11	Shuttering Materials				1,080,000	100%	1080000	108000	1188000
		Total			6,076,118		6076118	607612	6683730
			Cost inc-overhead		6,683,730	100%			

Healthcare Pharmaceuticals Limited
Statement of BQ of the project

CE- 3 3.08	**Link Corridor:-** Progress Of Work			Rate Variance	Amount In Taka	Completion Of Work 31-12-' 00	Taka Value **Materials & Labour Only** Taka	Oh & Profit VAT I Tax Total 10.00	0.00 Total
	7086 Sft	Quantity	Unit	Rate Tk	Total Taka				
Sl No	Item of Work								
1	Earth Work in Excavation	8,662	Cft	1.80	15,592	100%	15,592	1,559	17 151
2	Earth Filling	6,000	Cft	3.00	18,000	100%	18,000	1,800	19,800
3	Brick Flat Soling in Base and Floor	11,645	Sft	12.00	139,740	100%	139 740	13,974	153,714
4	10" Thick Brick Work	2,171	Cft	60.00	130,260	100%	130,260	13,026	143 286
5	5" Thick Brick Work	6,630	Sft	30 00	198,900	100%	198,900	19,890	218,790
6	Wall & RCC Plaster	19 216	Sft	6.00	115,296	100%	115,296	11,530	126,826
7	CC Work in floor	4,114	Sft	10.00	41,140	100%	41,140	4,114	45 254
8	Sand Filling Up to PL	30,000	Cft	12.00	360,000	100%	360,000	36,000	396,000
	RCC Work	1,151	Cft	110.00	126,610	0%	-	-	-
	a) Footing / Base Casting	579	Cft	120.00	69,480	100%	126,610	12,661	139 271
	b) Column up to GB	1,002	Cft	135.00	135,270	100%	69,480	6,948	76,428
	c) Grade Beam	500	Cft	135.00	67,500	100%	135,270	13,527	148,797
	d) Column Casting up to top	2,000	Cft	134.00	268,000	100%	67,500	6,750	74,250
	e) Roof Slab	1,400	Cft	110 00	154,000	100%	268,000	26,800	294,800
	f) 6" RCC Floor Work	600	Cft	130 00	78,000	100%	154,000	15,400	169,400
	g) Roof Beam	7,848	Sft	5.00	39,240	100%	78,000	7,800	85,800
	h) Floor Net Cement Finishing	23,437	Kg	20 00	468,740	100%	39,240	3,924	43,164
9	***Reinforcement Bar***	7,848	Sft	35.00	274,680	100%	468,740	46,874	515,614
10	Patent stone	12,457	Sft	2.00	24,914	100%	274,680	27,468	302,148
11	Lying Polythine	5	Nos	9574 00	47,870	100%	24,914	2,491	27,405
12	Steel Door Single Shutter	4	Sft	16083.00	64,332	100%	47,870	4,787	52,657
13	Steel Door Double Shutter	38	Sft	2270 00	86,260	100%	64,332	6,433	70,765
14	Window Fixed Glass	19,960	Sft	7.00	139,720	100%	86,260	8,626	94,886
15	Painting -White Wash	5,911	Sft	120.0	709,320	100%	139,720	13,972	153,692
16	Truss with MS Steel	3,457	Sft	65.0	224,705	100%	709,320	70,932	780,252
17	Mosaic	853	Sft	160.0	136,480	100%	224,705	22,471	247,176
18	Thai Aluminium	1,540	Sft	80.0	123,200	100%	136,480	13,648	150,128
19	Truss with CI Steel						123,200	12,320	135,520
		Total			4,257,249	110%	4,257,249	425,725	4,682,973
		Cost inc overhead			4,682,973	100%		-	-

Healthcare Pharmaceuticals Limited
Statement of BQ of the project

CE- 3 3 08	**Water Reserver** Progress Of Work			Rate Variance	Amount In Taka	Completion Of Work	Taka Value **Materials & Labour**	Other Charges	
	Covered Area 385	Sft				31-12-'00	**Only**	Total	0.00
Sl No	Item of Work	Quantity	Unit	Rate Tk	Total Taka		Taka		Total
1	Brick Flat Soling in Base and Floor	385	Cft	10.00	3,850	100%	3,850	385	4,235
	RCC Work				-	100%	-	-	-
	a) Floor	192	Cft	110 00	21,120	100%	21,120	2,112	23,232
	b) wall	368	Cft	170 00	62,560	100%	62 560	6,256	68 816
	e) Roof Slab	162	Cft	130.00	21,060	100%	21,060	2,106	23,166
2	***Reinforcement Bar***	3 200	Kg	20.00	64,000	100%	64,000	6,400	70,400
3	Paterstone with net cement finishing	645	Sft	40.00	25,800	100%	25,800	2,580	28,380
4	Plaster with net cement finishing	735	Sft	15.00	11,025	100%	11,025	1,103	12,128
5	Ceilling plaster work	322	Sft	12.00	3,864	100%	3,864	386	4,250
6	Wall plaster work	895	Sft	10.00	8,950	100%	8,950	895	9,845
7	Out Side Painting weather coat	895	Sft	13 00	11,635	100%	11,635	1,164	12,799
8	MS Stair	30	Sft	80.00	2,400	100%	2,400	240	2,640
9	Tin Shade Pump House	750	Sft	120.00	90,000	100%	90,000	9,000	99,000
10	Brick Soling	750	Sft	10.00	7,500	100%	7,500	750	8,250
11	Roade CC Casting	188	Cft	80.00	15,040	100%	15,040	15.04	15,055
		Total			348,804		348,804	33,391	382,195
			Cost inc.overhead		383,684				

Healthcare Pharmaceuticals Limited
Statement of BQ of the project

CE- 3 3.08	**Septic and Presettling Tank**				Amount In Taka	Completion Of Work	Taka Value **Materials & Labour Only**	Other Charges	
	Progress Of Work			Rate Variance					
	Covered Area 480 Sft					1		Total	0.00
Sl No	Item of Work	Quantity	Unit	Rate Tk	Total Taka		Taka		Total
1	Earth Work in Excavation	5,152	Cft	1 80	9,274	100%	9,274	927	10,201
2	Earth Filling	1,717	Cft	3.00	5,151	100%	5,151	515	5,666
3	Brick Flat Soling in Base and Floor	640	Sft	12 00	7,680	100%	7,680	768	8,448
4	10" Thick Brick Work	209	Cft	60.00	12,540	100%	12,540	1,254	13,794
5	15" Thick Brick Work	422	Cft	60.00	25,320	100%	25,320	2,532	27,852
6	20" Thick Brick Work	568	Cft	60.00	34,080	100%	34,080	3,408	37,488
7	Total plaster work	2,033	Sft	10 00	20,330	100%	20,330	2,033	22,363
8	Sand Filling	640	Cft	12 00	7,680	100%	7,680	768	8,448
9	**RCC Work**				-		-	-	-
10	a)Floor	322	Cft	110.00	35,420	100%	35,420	3,542	38,962
11	Fool Slab	264	Cft	130.00	34,320	100%	34,320	3,432	37,752
12	Net cement finishing	1,016	Sft	35.00	35,560	100%	35,560	3,556	39,116
13	Floor patent stone net cement finishing	344	Sft	35 00	12,040	100%	12,040	1,204	13,244
14	**Reinforcement bar**	2,000	Cft	20.00	40,000	100%	40,000	4,000	44,000
15	Manhole cover	5	Nos	350.00	1,750	100%	1,750	175	1,925
					-		-	-	-
					-		-	-	-
		Total			281,145		281,145	28,114	309,259
		Cost inc.overhead			309,259				

CE- 3 3.08	**Car Parking**				Amount In Taka	Completion Of Work	Taka Value **Materials & Labour Only**	Other Charges	
	Progress Of Work			Rate Variance					
	Covered 1800 Sft					0		Total	0.00
Sl No	Item of Work	Quantity	Unit	Rate.Tk	Total Taka		Taka		Total
1	Brick Flat Soling in Base and Floor	1,800	Sft	10 00	18,000	100%	18,000	1,800	19,800
2	Truss With CI Sheet	1,800	Cft	80 00	144,000	100%	144,000	14,400	158,400
3	CC Work	900	Cft	25.00	22,500	100%	22,500	2,250	24,750
4	Patent Stone	1,800	Sft	25.00	45,000	100%	45,000	4,500	49,500
5	Sand Filling	1,800	Cft	12.00	21,600	100%	21,600	2,160	23,760
					-				
					-				
		Total			251,100		251,100	25,110	276,210
		Cost inc.overhead			276,210				

Healthcare Pharmaceuticals Limited
Statement of BQ of the project

CE- 3 3.02	**Laundry Building** Building No. 11 Progress Of Work				Amount In Taka	Completion Of Work	Taka Value **Materials & Labour Only**	Other Charges	Total
	420 Sft					0		Total	0.00
Sl No	Item of Work	Quantity	Unit	Rate,Tk	Total Taka		Taka	10%	Total
1	Earth Work in Excavation	1,080.00	Cft	180.00	194,400	100%	194,400	19,440	213,840
2	Trance Filling	864	Cft	1.00	864	100%	864	86	950
3	Brick Flat Soling In Base and Floor	523	Sft	10.00	5,230	100%	5,230	523	5,753
4	10" Thick Brick Work-Gl to PL	523	Cft	60.00	31,380	100%	31,380	3,138	34,518
5	10" Thick Brick Work from Pl to Roof	741	Cft	60.00	44,471	100%	44,471	4,447	48,919
6	5" Thick Brick Work	1,271	Sft	30.00	38,130	100%	38,130	3,813	41,943
7	Total Plaster Work	4,456	Sft	10.00	44,560	100%	44,560	4,456	49,016
8	Sand Filling Up to PL	1,386	Cft	12.00	16,632	100%	16,632	1,663	18,295
9	**RCC Work**				-			-	
	a) Footing / Base Casting	71.12	Cft	120.00	8,534	100%	8,534	853	9,388
	b) Column up to GB	24.11	Cft	135.00	3,255	100%	3,255	325	3,580
	c) Grade Beam	87.15	Cft	135.00	11,765	100%	11,765	1,177	12,942
	d) Column casting Pl to Top	120.55	Cft	135.00	16,274	100%	16,274	1,627	17,902
	f) Roof Slab	442.76	Cft	130.00	57,559	100%	57,559	5,756	63,315
	g) Roof Beam	117.05	Cft	130.00	15,217	100%	15,217	1,522	16,738
10	***Reinforcement Bar***	660	Kg	20.00	13,200	100%	13,200	1,320	14,520
11	Paten stone	580	Sft	35.00	20,300	100%	20,300	2,030	22,330
12	Lying Polythene	348	Sft	2.00	696	100%	696	70	766
13	Single Door set	3	Nos	9574.00	28,722	100%	28,722	2,872	31,594
14	Window - Aluminium	177	Sft	170.00	30,005	100%	30,005	3,001	33,006
15	Plinth Protection	264	Nos	35.00	9,240	100%	9,240	924	10,164
16	Ms Bar	4,960	Kg	24.00	119,040	100%	119,040	11,904	130,944
17	Tiles	1,000	Sft	80.00	80,000	100%	80,000	8,000	88,000
18	Washing Machine	1	Pcs	150000.00	150,000	100%	150,000	15,000	165,000
19	Ms Stair	52	Sft	135.00	6,980	100%	6,980	698	7,677
20	Weather Coat	3496	Sft	13.00	45,448	100%	45,448	4,545	49,993
21	Plastic paint	2706	Sft	7.00	18,942	100%	18,942	1,894	20,836
								-	
	Total				1,010,844		1,010,844	101,084	1,111,928
22	Electrical Work;15% of Total Cost	151,627		1.00	151,627	100%	151,627	15,163	166,789
23	Internal Sanitery Work 10% of Cost	101,084		1.00	101,084	100%	101,084	10,108	111,193
								-	
								-	
								-	
		Total			1,263,555	110%	1,263,555	126,355	1,389,910
		Total cost inc.overhead			1,389,910				

Healthcare Pharmaceuticals Limited
Statement of cost and progress of the plant

CE- 3 3.01	**Buildings:-** Stuff guard Res. Progress Of Work				Amount in Taka	Completion Of Work	Taka Value **Materials & Labour Only**	Overhead	
	720 Sft			Rate	Total	31-12-'00		Total	
Sl No	Item of Work	Quantity	Unit	Taka	Taka		Taka	10%	Total
1	Earth Work in Excavation	568	Cft	1.80	1,022	100%	1,022	102	1,125
2	Trance Filling	482	Cft	1.00	482	100%	482	48	530
3	Brick Flat Soling in Base and Floor	1,015	Sft	10.00	10,150	100%	10,150	1,015	11,165
4	10" Thick Brick Work-GI to PL	614	Cft	60.00	36,849	100%	36,849	3,685	40,534
5	10" Thick Brick Work from PI to Roof		Sft	60.00	-	100%	-	-	-
6	5" Thick Brick Work	1,994	Sft	30.00	59,820	100%	59,820	5,982	65,802
7	Total Plaster Work	3,556	Sft	10.00	35,560	100%	35,560	3,556	39,116
8	Sand Filling Up to PL	1,440	Cft	12.00	17,280	100%	17,280	1,728	19,008
9	**RCC Work**				-				
10	j) Floor Net Cement Finishing	720	Sft	5.00	3,600	100%	3,600	360	3,960
11	2 " CC work in floor	253.8	Cft	25.00	6,345	100%	6,345	635	6,980
12	Laying Polythene	720	Sft	2.00	1,440	100%	1,440	144	1,584
13	Still Door	6	Pcs	9574.00	57,444	100%	57,444	5,744	63,188
14	Window	144	Nos	2270.00	326,880	100%	326,880	32,688	359,568
15	Tin Shade	840	Nos	4446.00	3,734,640	100%	3,734,640	373,464	4,108,104
16	Plastic Paint	3,556	Sft	7.00	24,892	100%	24,892	2,489	27,381
	Total				4,316,404		4,316,404	431,640	4,748,045
17	Electrical Work 15% of Total Cost	647,461		1.00	647,461	0%	-	-	-
18	Internal Sanitery Work 10% of Cost	431,640		1.00	431,640	100%	431,640	43,164	474,804
		Total			5,395,506	97%	4,748,045	474,804	5,222,849
			Cost Inc .Overhead		5935056	88%			7254

CE- 3 3.01	**Buildings:-** Answer guard Res. Progress Of Work				Amount in Taka	Completion Of Work	Taka Value **Materials & Labour Only**	Overhead	
	1440 Sft			Rate	Total	31-12-'00		Total	
Sl No	Item of Work	Quantity	Unit	Taka	Taka		Taka	10%	Total
1	Earth Work in Excavation	1,136	Cft	1.80	2,045	100%	2,045	204	2,248
2	Trance Filling	964	Cft	1.00	964	100%	964	96	1,060
3	Brick Flat Soling in Base and Floor	2,030	Sft	10.00	20,300	100%	20,300	2,030	22,330
4	10" Thick Brick Work-GI to PL	1,228.30	Cft	60.00	73,698	100%	73,698	7,370	81,068
5	5" Thick Brick Work	3,988	Sft	30.00	119,640	100%	119,640	11,964	131,604
6	Total Plaster Work	7,112	Sft	10.00	71,120	100%	71,120	7,112	78,232
7	Sand Filling Up to PL	2,880	Cft	12.00	34,560	100%	34,560	3,456	38,016
8	**RCC Work**				-				
10	Floor Net Cement Finishing	1,440	Sft	5.00	7,200	100%	7,200	720	7,920
11	C.C. Casting	507.6	Cft	25.00	12,690	100%	12,690	1,269	13,959
12	Laying Polythene	1,440	Sft	2.00	2,880	100%	2,880	288	3,168
13	Still Door	12	Pcs	9574.00	114,888	100%	114,888	11,489	126,377
14	Window	288	Nos	2270.00	653,760	100%	653,760	65,376	719,136
15	Tin Shade	1,680	Nos	4446.00	7,469,280	100%	7,469,280	746,928	8,216,208
16	Plastic Paint	7,112	Sft	7.00	49,784	100%	49,784	4,978	54,762
	Total				8,632,809		8,632,809	863,281	9,496,090
17	Electrical Work 15% of Total Cost	1,294,921		1.00	1,294,921	0%	-	-	-
18	Internal Sanitery Work 10% of Cost	863,281		1.00	863,281	100%	863,281	86,328	949,609
		Total			10,791,011	97%	9,496,090	949,609	10,445,699
			Cost Inc .Overhead		11870112	88%			7254

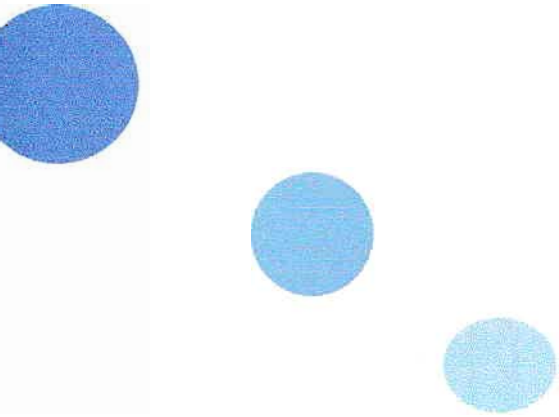
Healthcare Pharmaceuticals Limited
Statement of Cost for the project

		Covered Area		Total Mat & Labour Cost	Overhead & Others	Total Cost Civil Work	Total Cost Sanitery	Total Cost	Mat & Labour Cost at 31-12-'00	Sanitery Cost at 31-12-'00	Total Cost at 31-12-'00	% Complete	Cost Per Sft	Cost Per m2	Cost per m2 US $
CE-3	**Buildings:-**			Taka Value	10.00%										
3.01	Building No. 1 HPL Production	21251	Sft	35,131,761	3,513,176	38,644,937	-	38,644,937	34,006,023	345,046	34,351,071	89%	1,818	19,574	391
3.02	Building No 2 RBL Production	5377	Sft	10,541,249	1,054,125	11,595,374	-	11,595,374	11,589,006	214,566	11,803,572	102%	2,156	23,212	464
3.03	Building No. 3 Utility & Betalac	6725	Sft	5,870,045	587,004	6,457,049	-	6,457,049	6,457,049	259,006	6,716 055	104%	960	10,335	207
3.04	Building No. 4 Warehouse	20636	Sft	22,468,588	2,246,859	24,715,446	-	24,715,446	24,715,446	259,006	24,974,452	101%	1,198	12,892	258
3.05	Building No 5 Admin & QC Piping,SDM,MDM etc	16701	Sft	20,428,620	2,042,862	22,471,482	-	22,471,482	21,693,623	-	21,693,623				
	Total Of Building No 5 Admin & QC			20,428,620	2,042,862	22,471,482	-	22,471,482	21,693,623	-	21,693,623	97%	1,346	14,483	290
3.06	Building No. 6 Canteen	3572	Sft	6,640,946	664,095	7,305,041	-	7,305,041	6,428,436	147 217	6,575,653		2,045	22,013	440
3.07	Waste Water Treatment Plant	2325	Sft	3,097,563	309,756	3,407,319	-	3,407,319	1,705,048	-	1,705,048		1,466	15,775	315
3.08	Gate House	900	Sft	921,061	92,106	1,013,167	522,050	1,535,217	891,587	459,404	1,350,991		1,706	18,361	367
3.09	Link Corridor	7086	Sft	4,257,249	425,725	4,682,973	-	4,682,973	4,682,973	-	4,682,973	100%	661	7,114	142
	Total Of Building Construction	84573		109,357,080	10,935,708	120,292,788	522,050	120,814,838	112,169,192	1,684,247	113,853,439	94%	1,429	15,377	308
CE-2	**Land Improvement :-**														
	Permanent Road			6,989,914	698,991	7,688,905	-	7,688,905	7,453,513	-	7,453,513	97%		-	
	Drain			979,278	97,928	1,077,206	-	1,077,206	1,069,167	-	1,069,167			-	
				7,969,192	796,919	8,766,111	-	8,766,111	8,522,680	-	8,522,680	97%	-		
2.07	**Misc Land Improvement :-**														
2.07.03	Enclosure (Boundary Wall & Deep Tubewell)			6,076,118	607 612	6,683,730	-	6,683,730	6,683,730	-	6,683,730	100%			
	Water Reserver			348,804	34,880	383,684		383,684	-	-	-				
	Total of Construction Including Boundary Wall			123,751,194	12,375,119	136,126,314	522,050	136,648,364	127,375,601	1,684,247	129,059,848	94%			
	Projected Cost Of Construction	169146	Sft	75,100,000	0 16,897,500	91,997,500		Estimated Completion Of Work			% 140				
	Calculation Of Per 100 sft Cost														

Healthcare Pharmaceuticals Limited
Statement of Cost for the project
As at 31-12-'00

Summary :-	Standerd	Standerd	Standerd	Standerd	Standerd	Standerd	Standerd	Standerd	Standerd	Standerd
	Covered Area	Total Mat & Labour Cost	Overhead & Others	Total Cost inc.Civil Work	Progress Of	Overhead Expenses	Total Cost	Cost Per	Cost Per	Cost per m2
CE-3 **Buildings:-**	Sft	Taka Value	10.00%		Work	10%	Completion	Sft	m2	US $
3.01 Building No. 1 HPL Production	21,420	35,131,761	3,513,176	38,644,937	30,915,950	3,090,073	34,006,023	1,804	19,420	338
3.02 Building No. 2 RBL Production	5,377	10,541 249	1 054,125	11 595,374	10,541 249	1,052,603	11,593,852	2,156	23,212	404
3 03 Building No. 3 Utility & Betalactam	6,817	5,870,045	587,004	6,457,049	5,870,045	585,482	6,455,527	947	10,196	177
3.04 Building No. 4 Warehouse	20 973	22,468,588	2,246,859	24,715,446	22,468,588	2,245,337	24,713,924	1,178	12,685	221
3.05 Building No. 5 Admin & QC	21,984	20,428,620	2,042,862	22,471,482	19,721,475	1,970,626	21,692,101	1,022	11,003	191
3.06 Building No. 6 Canteen	7 144	531,276	53,128	584,403	531,276	51,606	582,881	82	881	15
3.07 Building No. 8 Gate House Guard Room	900	921,061	92,106	1,013,167	810,534	79,531	890,065	1,126	12,117	211
3.08 Building No.9 Entrance Guard room	130	474,591	47,459	522,050	417 640	40,242	457,882	4,016	43,226	752
3.09 Building No.10 Backward Guard Room	130	303,190	30,319	333,509	266,807	25,159	291,966	2,565	27,615	480
3.10 Building No.11 Laundry Building	420	1,010,844	101,084	1,111,928	1,010,844	99,562	1,110,406	2,647	28,497	496
3.11 Building No. 12 Stuff Guard Res	720	4,316,404	431,640	4,748,045	4,316,404	430,118	4,746,523	6,595	70,983	1234
3.12 Link corridoor	7,086	4,257,249	425,725	4,682,973	4,257,249	424,203	4,681,451	661	7,114	124
Total of building	86,015	97,681,224	9,768,122	107,449,346	92,554,407	9,240,221	101,794,628			
3.13 Waste Water Treatment Plant	2,325	3,097,563	309,756	3,407,319	1,597,563	159,756	1,757,319	1,466	15,775	274
3.14 Water Reserver	385	348,804	34,980	383,684	348,804	34,980	383,684	997	10,727	187
3.15 Septic and Pre Settling Tank	480	281,145	28,114	309,259	281,145	28,114	309,259	644	6,935	121
3.16 Car Parking	1,800	251,100	25,110	276,210	251,100	25,110	276,210	153	1,652	29
Total Of Building Construction Work	4,990	3,978,811	397,861	4,376,472	2,478,611	247,861	2,726,472			
CE-2 **Road & Drain**										
3.17 Permanent Road		6,989,914	698,991	7,688,905	6,989,914	698,991	7,688,905			
Drain		979,278	97,928	1,077,206	971970	97,197	1,069,167			
		7,969,192	796,919	8,766,111	7,961,884	796,188	8,758,072			
2.07 **Misc Land Improvement :-**										
2.07.03 Enclosure (Boundary Wall		6,076,118	607,612	6,683,730	6,076,118	607,612	6,683,730			
Total Construction Inc.Boundary Wall	91,005	115,705,145	11,570,514	127,275,659	109,071,020	10,891,882	119,962,902			
			0							
Projected Cost Of Construction	280101	75,100,000	75,100,000	150,200,000						
Calculation Of Per 100 sft Cost										

Calculation of Standard Costing of the Products of Roche Bangladesh Ltd.



1) BENERVA Tablets 100mg	Each Tablet contains (Items)	Quantity	Unit	Specification	Currency	Rate Per	Exchange rate	Total Amount Taka	Import Duty	Other Charges	Standerd Cost Total
a) Active Ingredient	Thiamine Hydrochloride	100	mg	BP	USD	21	57.5	120750	0%	6.50%	128598.75
b)Exipients	Cellulose microcrystalline	12	mg	Bp/Ph.Eur 2nd Ed	USD	5 57	57.5	3843 3	15%	11%	4266.063
	Lactose anhydrous	50	mg	Bp/Ph Eur 2nd Ed	EUR	3.324	49.52	8230 224	15%	15.03%	9467,226667
	Strach STA-RX 1500 (Pregelatnised Maize Starch)	50	mg	USP XXII /NF XVII/BP	USD	0 3	57.5	862 5	5%	15%	991.875
	Colloidal Silicon Dioxide (Aerosil 200)	0.5	mg	USP XXII /NF XVII/BP	DM	11.2	25.23	141.288	15%	10%	155.4168
	Purified talc	2 5	mg	Bp/Ph.Eur 2nd Ed	USD	0 75	57.5	107.8125	15%	11%	119 671875
Total per unit cost		215.0	mg								143599.0033

2) SANATOGEN-C 250mg	Each Tablet contains	Quantity	Unit	Specification	Currency	Rate Per	Exchange Rate	Total Amount Taka	Import Duty	Other Charges	Standerd Cost Total
a) Active Ingredient	Ascorbic acid (type SC)	118.0	mg	BP				0			0
	Sodium ascorbate (granulate)	160,0	mg	BP				0			0
b)Exipients	Mannitol	200	mg	BP	Tk	300	1	60000	0%	0%	60000
	Sugaer (granular)	30	mg	BP				0			0
	Lactose anhydrous	60	mg	BP	EUR	3.325	49.52	9879.24	15%	15.03%	11364.08977
	Pregelatinized strach	30	mg	USP	USD	1.1	57.5	1897.5	5%	15%	2182.125
	Orange Flavour power	0 001	mg	BP	USD	29	57.5	1.6675	25%	10%	1.83425
	Purified talc	5	mg	BP	USD	0.75	57 5	215 625	15%	11%	239 34375
	Magnesium stearate	2	mg	BP	DM	8 6	25.23	433.956	15%	11%	481.69116
Total per unit cost		605	mg					0			74269.08393

3) ROCEF Capcule 500 mg	Each Tablet contains	Quantity	Unit	Spesification	Currency	Rate Per	Exchange Rate	Total Amount (Taka)	Import Duty	Other Charges	Standerd Cost Total
a) Active Ingredient	Cephradine (compacted)	500	mg	BP	USD	135	57.5	3881250	0%	5.50%	4094718.75
								0			0
b)Exipients	Lactose (coase)	20	mg	BP	USD	0.75	57.5	862 5	15%	15%	991.875
	Colloidal Silicon di-oxide	2	mg	BP	DM	11.2	25.23	565.152	15%	10%	621.6672
	Purified talc	2	mg	BP	USD	0 75	57.5	86.25	15%	11%	95.7375
	Empty Hard gelatin capsule (Shell size No. '0')	1	pc	pharma grade				0			0
								0			0
								0			0
Total per unit cost		525	mg					0			4096428.03

4) ROVITA Tablets (Vitamin B complex)	Each Tablet contains	Quantity	Unit	Specification	Currency	Rate Per	Exchange Rate	Total Amount (Taka)	Import Duty	Other Charges	Standerd Cost Total
a) Active Ingredient	Thaimine Hydrochloride	5	mg	BP	USD	21	57.5	6037.5	0%	6.50%	6429.9375
	Riboflabin	2	mg	BP	USD	208	57.5	23920	0%	6.50%	25474.8
	Nicotinamide	20	mg	BP							0
	Pyridoxide Hydrocloride	2	mg	BP	USD	21	57.5	2415	0%	6.50%	2571.975
b)Exipients	Strach Maize	67.5	mg	BP	USD	0.3	57.5	1164.375	5%	15%	1339.03125
	Lactose (fine)	159	mg	BP	USD	0.75	57.5	6856.875	15%	15%	7885.40625
	Polyvinyl Pyrrolidone (povidone K-30)	9	mg	BP	USD	15	57.5	7762.5	15%	11%	8616.375
	Purified talc	18	mg	BP	USD	0.75	57.5	776.25	15%	11%	861.6375
	Magnesium Stearate	3.2	mg	BP	DM	8.6	25.23	694.3296	15%	11%	770.705856
c) Coating	Opagloss			BP		0	0	0	0%		0
	Acacia	As required	mg	BP	USD	22	57.5	#VALUE!	15%	10%	#VALUE!
	Talc	As required	mg	BP	USD	0.75	57.5	#VALUE!	15%	11%	#VALUE!
	Titanium dioxide	As required	mg	BP	USD	8.98	57.5	#VALUE!	5%	10%	#VALUE!
	Carnauba wax	As required	mg	BP				#VALUE!	0%		#VALUE!
	BEEs wax	As required	mg	BP				#VALUE!			#VALUE!
	Propylene glycol	As required	mg	BP	USD	1.75	57.5	#VALUE!	15%	11%	#VALUE!
	Sucrose	As required	mg	BP	USD	0.3	57.5	#VALUE!	25%	16%	#VALUE!
	Orange colour	As required	mg	pharma grade				#VALUE!			#VALUE!
Total per unit cost		286	mg								As Required

5) RIVOTRIL tablets 2mg	Each Tablet contains	Quantity	Unit	Specification	Currency	Rate Per	Exchange Rate	Total Amount (Taka)	Import Duty	Other Charges	Standerd Cost Total
a) Active Ingredient	Clonazepam	2	mg	USP/NF XVII				0			0
b)Exipients	Cellulose microcrystalline (Avicel 102)	25	mg	BP/Ph.Eur 2nd Ed	USD	5.7	57.5	8193.75	15%	11%	9095.0625
								0			0
	Lactose anhydrous	121.5	mg	BP/Ph Eur 2nd Ed	EUR	3.325	25.23	10192.60463	15%	15.03%	11724.5531
	Strach STA - RX 1500 (Pregelatinised Maize Strach)	20	mg	USP XXII / NF XVII /B	USD	1.2	57.5	1380	5%	15%	1587
											0
	Magnesium stearate	1.5	mg	BP/Ph.Eur 2nd Ed	DM	8.6	25.23	325.467	15%	11%	361.26837
Total per unit cost		170	mg								22767.88397

6) Valium Tablets 5.0 mg	Each Tablet contains	Quantity	Unit	Specification	Currency	Rate Per	Exchange Rate	Total Amount (Taka)	Import Duty	Other Charges	Standerd Cost Total
a) Active Ingredient	Diazepam	5	mg	BP	USD	80	57.5	23000	5%	8.50%	24955
b)Exipients	Lactose (coarse)	37.5	mg	USP	USD	0.75	57.5	1617.1875	15%	15.03	25923.51563
	Pregelatinized Starch	40	mg	BP	USD	1.2	57.5	2760	5%	15%	3174
	Microcrystalline Cellulose (Avicel - 102)	10	mg	BP	USD	5.7	57.5	3277.5	15%	11%	3636.025
	Colloidal Silicon Dioxide (Aerosil 200)	0.5	mg	USNF	DM	11.2	25.23	141.288	15%	10%	155.4168
								0			
	Talc	2	mg	BP/USP	USD	0.75	57.5	86.25	15%	11%	95.7375
Total per unit cost		95	mg								57941.69493

7) NAPROSYN Tablets 250mg	Each Tablet contains	Quantity	Unit	Specification	Currency	Rate Per	Exchange Rate	Total Amount (Taka)	Import duty	Other Charges	Standerd Cost Total
a) Active Ingredient	Naproxen	250	mg	USP	CHF	182	33.68	1532440			1532440
b)Exipients	Povidone K-30	5.34	mg	USP/Ph.Eur.	USD	20.5	57.5	6294.525			6294.525
	Croscarmellose Sodium (Type A)	10.68	mg	USP/Ph.Eur	USD	19.8	57.5	12159.18			12159.18
	Iron Oxide (T-3506)	0.4	mg	Pharma, Grade				0			0
	Magnesium stearate	0.53	mg	USP/Ph.Eur.	DM	8.6	25.23	114.99834	15%	11%	127.6481574
Total per unit cost		266.95	mg								1551021.353

8) TILCOTIL Film-Coated Tablet 20mg	Each Tablet contains	Quantity	Unit	Specification	Currency	Rate Per	Exchange Rate	Amount (Taka)	Import Duty	Other Charges	Standerd Cost Total
a) Active Ingredient	Tenoxicam	20	mg	BP	CHF	7,000	33.68	4715200			4715200
b)Exipients	Lactose Monohydrate (Lactose Power)	90	mg	BP/USP/NF/Ph.Eur	EUR	1.65	49.52	7353.72			7353.72
								0			0
	Starch (Corn Starch White)	84	mg	USP/NF/Ph.Eur	USD	0.47	57.5	2270.1			2270.1
								0			0
	Talc	4	mg	BP/USP/Ph.Eur.	USD	0.75	57.5	172.5	15%	11%	191.475
	Magnesium stearate	2	mg	BP/USP/NF/Ph.Eur.	DM	8.6	25.23	433.956			433.956
c) Coating	Hydroxypropyl Methylcellulose (2910/6 cP)	2	mg	USP/Ph.Eur	USD	37.5	57.5	4312.5			4312.5
								0			0
	Talc	1.4	mg	BP/USP/Ph.Eur.	USD	0.75	57.5	60.375	15%	11%	67.01625
	Titanium Dioxide (Anatase)	1.2	mg	USP/Ph.Eur.	DM	15.89	25.23	481.08564	5%	10%	529.194204
	Iron Oxide Yellow	0.4	mg	Pharma, Grade	GBP	8.17		0			0
Total per unit cost		205	mg								4730357.961

9) LEXOTANIL Tablets 3mg	Each Tablet contains	Quantity	Unit	Specification	Currency	Rate Per	Exchange Rate	Amount (Taka)	Import Duty	Other Charges	Standerd Cost Total
a) Active Ingredient	Bromazepam	3	mg	BP							287198.0067
b)Exipients	Lactose Monohydrate (Lactose Power)	94.37	mg	USP/NF/BP/Ph.Eur	EUR	1.15	25.23	2738.098365			2738.098365
			mg					0			0
	Alumina Lake Erythrosine(19.4%)	0.23	mg	Pharma, Grade				0			0
		0.045	mg	As Erythrosine 100%							
	Talc	1.8	mg	USP/BP/Ph.Eur	USD	0.75	57.5	77.625	15%	11%	86.16375
	Microcrystalline Cellulose (Avicel - 102)	100	mg	USP/NF/BP/Ph.Eur	USD	5.57	57.5	32027.5			32027.5
	Magnesium stearate	0.6	mg	USP/NF/BP/Ph.Eur	DM	8.6	25.23	130.1868			130.1868
Total per unit cost		200.045	mg								322179.9556

Name of the Product	Raw Materials Total Quantity (mg)	Standrd Total amount
1) BENERVA Tablets 100mg	215.0	143599.0033
2) SANATOGEN-C 250mg	605 0	74269.08393
3) ROCEF Capcule 500 mg	525	4096428.03
4) ROVITA Tablets (Vitamin B complex)	286	as required
5) RIVOTRIL tablets 2mg	170	22767.88397
6) Valium Tablets 5.0 mg	95	57941.69493
7) NAPROSYN Tablets 250mg	266 95	1551021.353
8) TILCOTIL Film-Coated Tablet 20mg	205	4730357.961
9) LEXOTANIL Tablets 3mg	200 045	322178.9556
10) Ropara Tablets 500mg	620.25	74269.08393
Total Cost	3,187.8	10929235.05

BUDGETED

FACTORY BUILDING OVERHEAD COSTING CALCULATION
OF
ROCHE BANGLADESH LTD.

CE- 3 3.01	Buildings:- Building No. 1 HPL Production Progress Of Work				Amount In Taka	Completion Of Work	Taka Value	Overhead	
	21420 Sft			Rate	Total	31-12-'00	Materials & Labour Only	Total	
Sl No	Item of Work	Quantity	Unit	Taka	Taka		Taka	10%	Total
1	Earth Work in Excavation	35,000	Cft	1.80	63,000	100%	63,000	6,300	69,300
2	Trance Filling	23,333	Cft	1.00	23,333	100%	23,333	2,333	25,666
3	Brick Flat Soling in Base and Floor	27,000	Sft	10.00	270,000	100%	270,000	27,000	297,000
4	10" Thick Brick Work-Gl to PL	1,560	Cft	60.00	93,600	100%	93,600	9,360	102,960
5	10" Thick Brick Work from Pl to Roof	9,760	Sft	60.00	585,600	100%	585,600	58,560	644,160
6	5" Thick Brick Work	18,664	Sft	30.00	559,920	100%	559,920	55,992	615,912
7	Total Plaster Work	66,693	Sft	10.00	666,930	100%	666,930	66,693	733,623
8	Sand Filling Up to PL	140,000	Cft	12.00	1,680,000	100%	1,680,000	168,000	1,848,000
9	RCC Work				-				
10	a) Footing / Base Casting	4,800	Cft	120.00	576,000	100%	576,000	57,600	633,600
11	b) Column up to GB	1,500	Cft	135.00	202,500	100%	202,500	20,250	222,750
12	c) Grade Beam	4,400	Cft	135.00	594,000	100%	594,000	59,400	653,400
13	d) Column Casting up To top	3,700	Cft	135.00	499,500	100%	499,500	49,950	549,450
14	e) Tie Beam	2,400	Cft	135.00	324,000	100%	324,000	32,400	356,400
15	f) Roof Slab	15,800	Cft	130.00	2,054,000	100%	2,054,000	205,400	2,259,400
16	g) Roof Beam	5,600	Cft	130.00	728,000	100%	728,000	72,800	800,800
17	h) 5" RCC Wall	3,050	Cft	170.00	518,500	100%	518,500	51,850	570,350
18	i) 6" Floor	11,465	Cft	110.00	1,261,150	100%	1,261,150	124,593	1,385,743
19	j) Floor Net Cement Finishing	5,696	Sft	5.00	28,480	100%	28,480	2,848	31,328
20	Reinforcement Bar	198,000	Kg	20.00	3,960,000	100%	3,960,000	396,000	4,356,000
21	Patent stone	21,330	Sft	35.00	746,550	100%	746,550	74,655	821,205
22	2 " CC work in floor	3,626	Cft	25.00	90,650	100%	90,650	9,065	99,715
23	Laying Polythene	27,000	Sft	2.00	54,000	100%	54,000	5,400	59,400
24	Single Door set	59	Nos	9574.00	564,866	0%	-	-	-
25	Double Door set	47	Nos	16083.00	755,901	0%	-	-	-
26	Window -Double Glass	190	Nos	2270.00	431,300	0%	-	-	-
27	Louver 1x1.5	33	Nos	4446.00	146,718	0%	-	-	-
28	Floor Epoxy	21,057	Sft	150.00	3,160,050	0%	-	-	-
29	Plastic Paint	8,187	Sft	9.00	73,683	100%	73,683	7,368	81,051
30	Retan False Ceilling	21,227	Sft	235.00	4,988,345	0%	-	-	-
31	Roofing -Zamil Steel	23,185	Sft	153.00	3,547,305	0%	-	-	-
32	Apron	1,522	Sft	35.00	53,270	100%	53,270	5,327	58,597
33	MS Stair	35	Sft	80.00	2,800	100%	2,800	280	3,080
34	Energy Bridge(utility to PB1)	300	Sft	135.00	40,500	100%	40,500	4,050	44,550
35	Fixed glass top of wall	340	Sft	80.00	27,200	100%	27,200	2,720	29,920
36	Out side enamel black paint	2,344	Sft	6.00	14,064	100%	14,064	1,406	15,470
37	Wall epoxy	50,587	Sft	20.00	1,011,740	100%	1,011,740	101,174	1,112,914
38	Weather coat out side the building	16,106	Sft	13.00	209,378	100%	209,378	20,938	230,316
39.	Marbel stone								
	Total				30,606,833		17,012,348	1,699,713	18,712,061
39	Electrical Work 15% of Total Cost	4,591,025		1.00	4,591,025	0%	-	-	-
40	Internal Sanitery Work 10% of Cost	3,060,683		1.00	3,060,683	100%	3,060,683	306,068	3,366,752
		Total			38,258,541	58%	20,073,031	2,005,781	22,078,812

CE- 3 3.02	Buildings:- Building No. 2 RBL Production Progress Of Work				Amount In Taka	Completion Of Work	Taka Value Materials & Labour Only	Other Charges	
	5377 Sft					31-12-'00	Total	10%	0.00
Sl No	Item of Work	Quantity	Unit	Rate.Tk	Total Taka		Taka	Total	
1	Earth Work In Excavation	10,000	Cft	1.80	18,000	100%	18,000	1,800	19,800
2	Trance Filling	6,666	Cft	1.00	6,666	100%	6,666	667	7,333
3	Brick Flat Soling in Base and Floor	7,000	Sft	10.00	70,000	100%	70,000	7,000	77,000
4	10" Thick Brick Work-Gl to PL	727	Cft	60.00	43,620	100%	43,620	4,362	47,982
5	10" Thick Brick Work from Pl to Roof	3,100	Cft	60.00	186,000	100%	186,000	18,600	204,600
6	5" Thick Brick Work	5,500	Sft	30.00	165,000	100%	165,000	16,500	181,500
7	Total Plaster Work	24,000	Sft	10.00	240,000	100%	240,000	24,000	264,000
8	Sand Filling Up to PL	30,000	Cft	12.00	360,000	100%	360,000	36,000	396,000
9	RCC Work				-			-	
	a) Footing / Base Casting	1,450	Cft	120.00	174,000	100%	174,000	17,400	191,400
	b) Column up to GB	700	Cft	135.00	94,500	100%	94,500	9,450	103,950
	c) Grade Beam	1,600	Cft	135.00	216,000	100%	216,000	21,600	237,600
	d) Column casting Pl to Top	1,630	Cft	135.00	220,050	100%	220,050	22,005	242,055
	e) Tie Beam	1,095	Cft	135.00	147,825	100%	147,825	14,783	162,608
	f) Roof Slab	3,152	Cft	130.00	409,760	100%	409,760	34,608	444,368
	g) Roof Beam	1,400	Cft	130.00	182,000	100%	182,000	18,200	200,200
	h) 6" Floor	3,000	Cft	110.00	330,000	100%	330,000	33,000	363,000
	j) Floor Net Cement Finishing	2,000	Sft	5.00	10,000	100%	10,000	1,000	11,000
10	*Reinforcement Bar*	48,400	Kg	20.00	968,000	100%	968,000	96,800	1,064,800
11	Paten stone	5,300	Sft	35.00	185,500	100%	185,500	18,550	204,050
12	2" CC work in floor	5,300	Sft	25.00	132,500	100%	132,500	13,250	145,750
13	Lying Polythene	7,000	Sft	2.00	14,000	100%	14,000	1,400	15,400
14	Single Door set	38	Nos	9574.00	363,812	100%	-	-	-
15	Double Door set	16	Nos	16083.00	257,328	100%			-
16	Window -Double Glass	75	Nos	2270.00	170,250	100%		-	
17	Louver	11	Nos	4446.00	48,906	100%	-	-	-
18	Floor Epoxy	5,264	Sft	150.00	789,600	100%	-	-	-
19	Retan False Ceilling	5,339	Sft	235.00	1,254,665	100%	-	-	-
20	Roofing -Zamil steel	6,253	Sft	153.00	956,709	0%	-	-	
21	Ms Stair	35	Sft	80.00	2,800	100%	2,800	280	3,080
22	Epoxy Wall	11380	Sft	20.00	227,600	100%	227,600	22,760	250,360
23	Weather Coat	7300	Sft	13.00	94,900	100%	94,900	9,490	104,390
24	Plastic paint	5320	Sft	9.00	47,880	100%	47,880	4,788	52,668
25	Fixed glass top of the wall	200	Sft	80.00	16,000	100%	16,000	1,600	17,600
26	Black anamel paint outside the building	1168	Sft	6.00	7,008	100%	7,008	701	7,709
27	Drain Apron	936	Sft	35.00	32,760	100%	32,760	3,276	36,036
	Total				8,443,639		4,602,369	453,869	5,056,238
28	Electrical Work 15% of Total Cost	1,266,546		1.00	1,266,546	0%	-	-	-
29	Internal Sanitery Work 10% of Cost	844,364		1.00	844,364	100%	844,364	84,436	928,800
		Total			10,554,549	57%	5,446,733	538,305	5,985,038

CE- 3 3.03	Buildings:- Building No. 3 Utility & Betalactam Progress Of Work				Amount In Taka	Completion Of Work	Taka Value Materials & Labour Only	Other Charges	
	6817 Sft					31-12-'00		Total	0.00
Sl No	Item of Work	Quantity	Unit	Rate.Tk	Total Taka		Taka	10%	Total
1	Earth Work in Excavation	6,552	Cft	1.80	11,794	100%	11,794	1,179	12,973
2	Trance Filling	4,000	Cft	1 00	4,000	100%	4,000	400	4,400
3	Brick Flat Soling in Base and Floor	8,970	Sft	10 00	89,700	100%	89,700	8,970	98,670
4	10" Thick Brick Work-Gl to PL	1,796	Cft	60.00	107,760	100%	107,760	10,776	118,536
5	10" Thick Brick Work from Pl to Roof	5,140	Cft	60.00	308,400	100%	308,400	30,840	339,240
6	5" Thick Brick Work	3,503	Sft	30.00	105,090	100%	105,090	10,509	115,599
7	Total Plaster Work	13,328	Sft	10 00	133,280	100%	133,280	13,328	146,608
8	Sand Filling Up to PL	20,000	Cft	12.00	240,000	100%	240,000	24,000	264,000
9	RCC Work								
	a) Footing / Base Casting	750	Cft	120 00	90,000	100%	90,000	9,000	99,000
	b) Column up to GB	240	Cft	135.00	32,400	100%	32,400	3,240	35,640
	c) Grade Beam	793	Cft	135 00	107,055	100%	107,055	10,706	117,761
	d) Column Casting	940	Cft	135 00	126,900	100%	126,900	12,690	139,590
	e) Tie Beam	991	Cft	135 00	133,785	100%	133,785	13,379	147,164
	f) Roof Slab	740	Cft	130.00	96,200	100%	96,200	9,620	105,820
	g) Roof Beam	314	Cft	130 00	40,820	100%	40,820	4,082	44,902
	h) 5" RCC Wall		Cft	170 00		100%	-	-	-
	i) 6" RCC Floor	4,600	Cft	110 00	506,000	100%	506,000	50,600	556,600
	j) Floor Net Cement Finishing	7,695	Sft	5.00	38,475	100%	38,475	3,848	42,323
10	Reinforcement Bar	11,052	Kg	20.00	221,040	100%	221,040	22,104	243,144
11	2 " Patenstone	6,500	Cft	25 00	162,500	100%	162,500	16,250	178,750
12	Lying Polythine	6,500	Sft	2 00	13,000	100%	13,000	1,300	14,300
13	Single Door set	38	Nos	9,574 00	363,812	0%	-	-	-
14	Double Door set	16	Nos	16,083 00	257,328	0%	-	-	-
15	Window -Double Glass	19	Nos	2,270 00	43,130	0%	-	-	-
16	Louver	11	Nos	4,446 00	48,906	0%	-	-	-
17	Floor Epoxy	1,001	Sft	150.00	150,150	0%	-	-	-
18	Retan False Ceiling	1,211	Sft	235 00	284,585	0%	-	-	-
19	Roofing with CI Sheet	5,642	Sft	125 00	705,250	100%	705,250	70,525	775,775
20	Grill	891	Sft	50 00	44,550	100%	44,550	4,455	49,005
21	Chiller barrier with net	700	Sft	50.00	35,000	100%	35,000	3,500	38,500
22	Apoxy wall	3,180	Sft	20.00	63,600	100%	63,600	6,360	69,960
23	Weather Coat	4,465	Sft	13.00	58,045	100%	58,045	5,805	63,850
24	Plastic paint	5,663	Sft	9.00	50,967	100%	50,967	5,097	56,064
25	Black anamel paint outside building	740	Sft	6 00	4 440	100%	4 440	444	4,884
26	Drain apron	840	Sft	35 00	29,400	100%	29,400	2,940	32 340
					4,707,362		3,559,451	355,945	3,915,396
27	Electrical Work:15% of Total Cost	706104			706,104	100%	706,104	70,610	776,715
28	Internal Sanitery Work 10% of Cost	470736			470,736	100%	470,736	47,074	517,810
		Total			5,884,202	80%	4,736,291	473,629	5,209,920

3.04 Building No. 4 Warehouse

Progress Of Work

20973 Sft

Sl No	Item of Work	Quantity	Unit	Rate.Tk	Total Taka	Taka	Of Work	Materials & Labour Only	Charges	
							31-12-'00		Total	0.00
Sl No	Item of Work	Quantity	Unit	Rate.Tk	Total Taka			Taka	10%	Total
1	Earth Work in Excavation	35,415	Cft	1.80	63,747		100%	63,747	6,375	70,122
2	Trance Filling / Earth Filling	21,464	Cft	1 00	21,464		100%	21,464	2,146	23,610
3	Brick Flat Soling in Base and Floor	23,000	Sft	10 00	230,000		100%	230,000	23,000	253,000
4	10" Thick Brick Work-Gl to PL	16,360	Cft	60 00	981,600		100%	981,600	98,160	1,079,760
5	10" Thick Brick Work from Pl to Roof	13,152	Cft	60 00	789,120		100%	789,120	78,912	868,032
6	5" Thick Brick Work	10,710	Sft	30 00	321,300		100%	321,300	32,130	353,430
7	Total Plaster Work	53,060	Sft	10 00	530,600		100%	530,600	53,060	583,660
8	Sand Filling Up to PL	126,000	Cft	12 00	1,512,000		100%	1,512,000	151,200	1,663,200
9	**RCC Work**								-	-
	a) Footing / Base Casting	6,049	Cft	120 00	725,880		100%	725,880	72,588	798,468
	b) Column up to GB	720	Cft	135 00	97,200		100%	97,200	9,720	106,920
	c) Grade Beam	3,378	Cft	135 00	456,030		100%	456,030	45,603	501,633
	d) Paraphead	362	Cft	80 00	28,960		100%	28,960	2,896	31,856
	e) Column pl to Top	2,370	Cft	135 00	319,950		100%	319,950	31,995	351,945
	f) Tie Beam	6,668	Cft	135 00	900,180		100%	900,180	90,018	990,198
	g) Roof Slab	3,360	Cft	130 00	436,800		100%	436,800	43,680	480,480
	h) Roof Beam	820	Cft	130 00	106,600		100%	106,600	10,660	117,260
	j) 6" RCC Floor	10,430	Cft	110 00	1,147,300		100%	1,147,300	114 730	1,262,030
	k) Floor Net Cement Finishing	18,132	Sft	5 00	90,660		100%	90,660	9,066	99,726
10	Reinforcement Bar	158,334	Kg	20 00	3,166,680		100%	3,166,680	316,668	3,483,348
11	Paten stone	19,650	Sft	35 00	687,750		100%	687,750	68,775	756,525
12	2 " CC work in floor	20,861	Sft	25 00	521,525		100%	521,525	52,153	573,678
13	Lying Polythine	23,000	Sft	1 50	34,500		100%	34,500	3,450	37,950
14	Painting work	53,060	Sft	7 00	371,420		100%	371,420	37 142	408,562
15	Single Door set	16	Nos	9574.00	153,184		0%	-	-	-
16	Double Door set	6	Nos	16083 00	96,498		0%	-	-	-
17	Window -Double Glass	15	Nos	2270 00	34,050		0%	-	-	-
18	Louver	9	Nos	4448 00	40,014		0%	-	-	-
19	Roofing -Zamil Steel	17,222	Sft	153	2,634,966		0%	-	-	-
20	Main Gate	652	Sft	175	114,100		100%	114,100	11,410	125,510
21	Floor Epoxy -Cool Room Area	184	Sft	150	27,600		100%	27,600	2,760	30 360
22	Porch with Cl sheet	3,093	Sft	120	371,160		100%	371,160	37,116	408,276
23	MS Stair	63	Sft	80	5,040		100%	5,040	504	5,544
24	Steel overbridge	33	Sft	60	1,980		100%	1,980	198	2,178
25	False ceilling	4,095	Sft	82	335,790		100%	335,790	33,579	369,369
26	Wall epoxy	5,893	Sft	20	117,860		100%	117,860	11 786	129,646
27	Fixed Glass top of the wall	202	Sft	80	16,160		100%	16,160	1,616	17,776
28	Plastic paint	32,680	Sft	9	294,120		100%	294,120	29,412	323,532
29	Enamel black paint outside building	2,318	Sft	6	13,908		100%	13,908	1 391	15,299
30	Drain apron	1,552	Sft	35	54,320		100%	54,320	5,432	59,752
31	Weather coat	14,478	Sft	13	188,214		100%	188,214	18,821	207,035
					14,040,230			15,081,518	1,508,152	16,589,670
32	Electrical Work.15% of Total Cost	2,706,035		1.00	2,706,035		0%	-	-	-
33	Internal Sanitery Work 10% of Cost	1,804,023		1.00	1,804,023		100%	1,804,023	180,402	1,984,425

3	Brick Flat Soling in Base and Floor	5,586	Sft	10.00	55,860	100%	55,860	5,586	61,446
4	10" Thick Brick Work-Gl to PL	1,200	Cft	60.00	72,000	100%	72,000	7,200	79,200
5	10" Thick Brick Work from Pl to Roof	1,076	Cft	60 00	64,560	100%	64,560	6,456	71,016
6	5" Thick Brick Work	9,060	Sft	30.00	271,800	100%	271,800	27,180	298,980
7	Wall Plaster	20,120	Sft	10 00	201,200	100%	201,200	20,120	221,320
8	Ceiling Plaster	15,923	Sft	10.00	159,230	100%	159,230	15,923	175,153
9	Sand Filling Up to PL	11,000	Cft	12.00	132,000	100%	132,000	13,200	145,200
10	RCC Work				-			-	
	a) Footing / Base Casting	895	Cft	120 00	107,365	100%	107,365	10,737	118,102
	b) Column up to GB	125	Cft	135 00	16,875	100%	16,875	1,688	18,563
	c) Grade Beam	506	Cft	135.00	68,349	100%	68,349	6,835	75,184
	d) Column Casting up to top	670	Cft	135 00	90,450	100%	90,450	9,045	99,495
	e) Roof Slab	6,300	Cft	130 00	819,000	100%	819,000	81,900	900,900
	f) Roof Beam	2,300	Cft	130.00	299,000	100%	299,000	29,900	328,900
	g)Stair Casting	250	Cft	130 00	32,500	100%	32,500	3,250	35,750
11	*Reinforcement Bar*	50,000	Kg	20 00	1,000,000	100%	1,000,000	100,000	1,100,000
12	Patent stone	18,600	Sft	35 00	651,000	100%	651,000	65,100	716,100
13	Lying Polythene	9,100	Sft	2 00	18,200	100%	18,200	1,820	20,020
14	Plastic Door	30	Nos	5500.00	165,000	100%	165,000	16,500	181,500
15	Single Door-QC Area	19	Nos	9574 00	181,906	0%	-	-	-
16	Double Door-QC Area	4	Nos	16083.00	64,332	0%	-	-	-
17	Window -QC Area	26	Nos	2270 00	59,020	0%	-	-	-
18	Wooden Door	2	Nos	8000.00	16,000	100%	16,000	1,600	17,600
19	Thai Glass Mixed Door	630	Sft	200 00	126,000	100%	126,000	12,600	138,600
20	Short Column	125	Cft	150	18,750	100%	18,750	1,875	20,625
21	Window Aluminium	5,000	Cft	120	600,000	100%	600,000	60,000	660,000
22	Drop Wall	1,280	Cft	250	320,000	100%	320,000	32,000	352,000
23	~~Mosaic~~	~~5,000~~	~~Sft~~	~~30~~	150,000	100%	150,000	15,000	165,000
24	MS Stair	30	Sft	80	2,400	100%	2,400	240	2,640
25	~~Mosaic Stair~~	~~200~~	Sft	65	13,000	100%	13,000	1,300	14,300
26	Ceramic Tiles Floor	13,500	Sft	140	1,890,000	100%	1,890,000	189,000	2,079,000
27	Ceramic Tiles Wall	5,500	Sft	135	742,500	100%	742,500	74,250	816,750
28	False Ceiling	9,000	Sft	82	738,000	100%	738,000	73,800	811,800
29	Floor Epoxy-QC Area	4,629	Sft	150	694,350	0%	-	-	-
30	Wall Epoxy	5,816	Sft	20	116,320	100%	116,320	11,632	127,952
31	Plastic Paint	35,207	Sft	9	316,863	100%	316,863	31,686	348,549
32	Weather Coat	12,160	Sft	13	158,080	100%	158,080	15,808	173,888
33	Thai Glass front	2,653	Sft	315	835,695	100%	835,695	83,570	919,265
34	MDB,SDB Lighting Piping etc				574,000	100%	574,000	57,400	631,400
					11,281,722		10,282,114	1,028,211	11,310,326
34	Electrical Work 15% of Total Cost	1,692,258		1.00	1,692,258	70%	1,184,581	118,458	1,303,039
35	Internal Sanitery Work 15% of Cost	1,692,258		1.00	1,692,258	100%	1,692,258	169,226	1,861,484
					3,384,517		2,876,839	287,684	3,164,523
		Total			14,666,239	99%	13,158,954	1,315,895	14,474,849

	7144 Sft					31-12-'00	Only	Total	0.00
Sl No	Item of Work	Quantity	Unit	Rate.Tk	Total Taka		Taka	0.10	Total
1	Earth Work in Excavation	7,191	Cft	1.80	12,944	100%	12,944	1,294	14,238
2	Trance Filling	2,650	Cft	1.00	2,650	100%	2,650	265	2,915
3	Brick Flat Soling in Base and Floor	4,224	Sft	10 00	42,240	100%	42,240	4,224	46,464
4	10" Thick Brick Work-GI to PL	1,750	Cft	60.00	105,000	100%	105,000	10,500	115,500
5	10" Thick Brick Work from Pl to Roof	870	Cft	60 00	52,200	100%	52,200	5,220	57,420
6	5" Thick Brick Work	5,111	Sft	30.00	153,330	100%	153,330	15,333	168,663
7	Total Plaster Work	22,432	Sft	10 00	224,320	100%	224,320	22,432	246,752
8	Sand Filling Up to PL	9,810	Cft	12 00	117,720	100%	117,720	11,772	129,492
9	RCC Work				-	100%	-	-	-
	a) Footing / Base Casting	375	Cft	120.00	45,000	100%	45,000	4,500	49,500
	b) Column up to G8	375	Cft	135 00	50,625	100%	50,625	5,063	55,688
	c) Grade Beam	430	Cft	135.00	58,050	100%	58,050	5,805	63,855
	d) Column Casting up to top	528	Cft	135.00	71,280	100%	71,280	7,128	78,408
	e) Short Column	90	Cft	135.00	12,150	100%	12,150	1,215	13,365
	f) Tie Beam	260	Cft	135.00	35,100	100%	35,100	3,510	38,610
	g) Roof Slab	6,000	Cft	130 00	780,000	100%	780,000	78,000	858,000
	h) Floor Work	660	Cft	160 00	105,600	100%	105,600	10,560	116,160
	i) Roof Beam	375	Cft	130.00	48,750	100%	48,750	4,875	53,625
	j) Floor Net Cement Finishing	1,700	Sft	5.00	8,500	100%	8,500	850	9,350
10	CC Work in floor	1,178	Cft	110.00	129,580	100%	129,580	12,958	142,538
11	Reinforcement Bar	23,609	Kg	20 00	472,180	100%	472,180	47,218	519,398
12	Patenstone	1,560	Sft	35 00	54,600	100%	54,600	5,460	60,060
13	Lying Polytrine	4,122	Sft	2 00	8,244	100%	8,244	824	9,068
14	Steel Door Single Shutter	6	Nos	8000.00	48,000	100%	48,000	4,800	52,800
15	Thai Glass Mixed Door	8	Sft	200.00	1,600	100%	1,600	160	1,760
16	Plastic Door	12	Nos	6000.00	72,000	100%	72,000	7,200	79,200
17	Window	385	Sft	110.00	42,350	100%	42,350	4,235	46,585
18	Drop Wall	1,505	Sft	250	376,250	100%	376,250	37,625	413,875
19	Weather Coat	5,000	Sft	13	65,000	100%	65,000	6,500	71,500
20	Plastic Paint	17,432	Sft	9	156,888	100%	156,888	15,689	172,577
21	Drain apron	732	Sft	35.00	25,620	100%	25,620	2,562	28,182
22	Stair	523	cft	130 00	67,990	100%	67,990	6,799	74,789
23	Thai aluminium with colored glass	2,010	sft	315 00	633,150	100%	633,150	63,315	696,465
24	Floor tiles	6,600	Sft	140 00	924,000	100%	924,000	92,400	1,016,400
25	Wall tiles	1,400	Sft	135 00	189,000	100%	189,000	18,900	207,900
26	MS pipe railing	387	Sft	180.00	69,660	100%	69,660	6,966	76,626
27	Painting	8,605	Cft	5.00	43,025	100%	43,025	4,303	47,328
		8,605	Cft	5.00	43,025	100%	43,025	4,303	47,328
					5,347,621		5,347,621	534,762	5,882,383
28	Electrical Work:15% of Total Cost	802,143		1.00	802,143	0%	-	-	-
29	Internal Sanitary Work 10% of Cost	534,762		1.00	534,762	100%	534,762	53,476	588,238
					1,336,905		534,762	53,476	588,238

3.07	Building No :- 7			Rate	Taka	Of	Materials &	Charges	
	Progress Of Work			Variance		Work	Labour		
	2325 Sft					31-12-100	Only	Total	0.00
Sl No	Item of Work	Quantity	Unit	Rate.Tk	Total Taka		Taka	0.10	Total
1	Earth Work in Excavation	20,072	Cft	1.8	36,130	100%	36,130	3,613	39,743
2	Trance Filling / Sand Filling	8,024	Cft	12	96,288	100%	96,288	9,629	105,917
3	Brick Flat Soling	1,477	Sft	10	14,770	100%	14,770	1,477	16,247
4	RCC Casting	3,700	Cft	130	481,000	100%	481,000	48,100	529,100
5	Reinforcement Bar	17,000	Kg	20	340,000	100%	340,000	34,000	374,000
6	Paten stone	1,028	Sft	35	35,980	100%	35,980	3,598	39,578
7	Plastering with net cement finishing	2,000	Sft	15	30,000	100%	30,000	3,000	33,000
8	Total Plaster Work	3,541	Sft	10	35,410	100%	35,410	3,541	38,951
					1,069,578		1,069,578	106,958	1,176,535
		Cost inc overhead			1,176,535				
9	Equalizer Basin	2,560	Cft	135.00	345,600	100%	345,600	346	345,946
10	Biological Tower	538	Cft	135.00	72,630	100%	72,630	73	72,703
11	Clarifies Pit	723	Cft	135.00	97,605	100%	97,605	98	97,703
12	Clear Water Pit	90	Cft	135.00	12,150	100%	12,150	12	12,162
13	Railing Work	1	Set		-	0%	-		-
14	Platform Work & Lader	1	Set		-	0%	-	-	-
15	Shedding Work	1	Set		-				
16	Equipment & Accessories	Various		1.00	1,500,000				
					2,027,985		527,985	528	528,513
		Total Cost			3,097,563		1,597,563	107,486	1,705,048

3.08	Building No 8			Rate	Taka	Of	Materials &	Charges	
	Progress Of Work			Variance		Work	Labour		
	Area 900 Sft					31-12-'00	Only	Total	0.00
Sl No	Item of Work	Quantity	Unit	Rate.Tk	Total Taka		Taka	0.10	Total
1	Earth Work in Excavation	2,000	Cft	1.80	3,600	100%	3,600	360	3,960
2	Earth/Trance Filling	1,500	Cft	3.00	4,500	100%	4,500	450	4,950
3	Brick Flat Soling in Base and Floor	1,082	Sft	12.00	12,984	100%	12,984	1,298	14,282
4	10" Thick Brick Work gl to pl	175	Cft	60.00	10,500	100%	10,500	1,050	11,550
5	10" Thick Brick Work pl to top	430	Cft	60.00	25,800	100%	25,800	2,580	28,380
6	5" Thick Brick Work	423	Sft	30.00	12,690	100%	12,690	1,269	13,959
7	Total Plaster Work	3,608	Sft	10.00	36,080	100%	36,080	3,608	39,688
8	Sand Filling Up to PL	800	Cft	12.00	9,600	100%	9,600	960	10,560
	RCC Work				-	100%	-	-	-
	a) Footing / Base Casting	100	Cft	110.00	11,000	100%	11,000	1,100	12,100
	b) Column up to GB	50	Cft	120.00	6,000	100%	6,000	600	6,600
	c) Grade Beam	120	Cft	135.00	16,200	100%	16,200	1,620	17,820
	d) Column Casting up to top	60	Cft	135.00	8,100	100%	8,100	810	8,910
	e) ***Roof Slab***	390	Cft	134.00	52,260	100%	52,260	5,226	57,486
	h) Floor C.C	300	Cft	160.00	48,000	100%	48,000	4,800	52,800
	i) Floor R.C C	112	Cft	120.00	13,440	100%	13,440	1,344	14,784
	j) Roof Beam	130	Cft	130.00	16,900	100%	16,900	1,690	18,590
9	***Reinforcement Bar***	3,750	Kg	20.00	75,000	100%	75,000	7,500	82,500
10	Patenstone	900	Sft	35.00	31,500	100%	31,500	3,150	34,650
11	Lying Polythine	1,000	Sft	2.00	2,000	100%	2,000	200	2,200
12	Steel Door Single Shutter	6	Nos	9574.00	57,444	100%	57,444	5,744	63,188
13	Thai Window	315	Sft	190.00	59,850	100%	59,850	5,985	65,835
14	Plaster work	3,608	Sft	10.00	36,080	100%	36,080	3,608	39,688
15	Weather coat	1,560	Sft	13.00	20,280	100%	20,280	2,028	22,308
16	Plastic paint	1,463	Sft	9.00	13,167	100%	13,167	1,317	14,484
17	Floor tiles	850	Sft	140.00	119,000	100%	119,000	11,900	130,900
18	Wall tiles	280	Sft	135.00	37,800	100%	37,800	3,780	41,580
					739,775		739,775	73,978	813,753
19	Electrical Work.15% of Total Cost	110,966		1.00	110,966	0%	-	-	-
20	Internal Sanitery Work 10% of Cost	73,978		1.00	73,978	100%	73,978	7,398	81,375
					184,944		73,978	7,398	81,375
		Total			924,719		813,753	81,375	895,128

2	Earth Trance Filling	400	Cft	1.00	400	100%	400	40	440
3	Brick Flat Soling in Base and Floor	200	Sft	10.00	2,000	100%	2000	200	2200
4	10" Thick Brick Work gl to pl	66	Cft	60.00	3,960	100%	3960	396	4356
5	10" Thick Brick Work pl to top	66	Cft	60.00	3,960	100%	3960	396	4356
6	5" Thick Brick Work	120	Sft	30.00	3,600	100%	3600	360	3960
7	Total Plaster Work	400	Sft	10.00	4,000	100%	4000	400	4400
8	Sand Filling Up to PL	300	Cft	12.00	3,600	100%	3600	360	3960
	RCC Work				-	100%	0	0	0
	a) Footing / Base Casting	175	Cft	110.00	19,250	100%	19250	1925	21175
	b) Column up to GB	19	Cft	130.00	2,470	100%	2470	247	2717
	c) Grade Beam	32	Cft	135.00	4,320	100%	4320	432	4752
	d) Column Casting up to top	30	Cft	135.00	4,050	100%	4050	405	4455
	e) Roof Slab	66	Cft	134.00	8,844	100%	8844	884	9728
	h) Floor C.C	66	Cft	160.00	10,560	100%	10560	1056	11616
	i) Floor R.C C	50	Cft	120.00	6,000	100%	6000	600	6600
	j) Roof Beam	18	Cft	120.00	2,160	100%	2160	216	2376
9	***Reinforcement Bar***	1,000	Kg	20.00	20,000	100%	20000	2000	22000
10	Patenstone	130	Sft	35.00	4,550	100%	4550	455	5005
11	Lying Polythine	230	Sft	2.00	460	100%	460	46	506
12	Steel Door Single Shutter	2	Nos	9574.00	19,148	100%	19148	1915	21063
13	Thai Window	66	Sft	190.00	12,540	100%	12540	1254	13794
14	Plaster work	400	Sft	10.00	4,000	100%	4000	400	4400
15	Weather coat	200	Sft	13.00	2,600	100%	2600	260	2860
16	Plastic paint	200	Sft	9.00	1,800	100%	1800	180	1980
17	Floor tiles	130	Sft	140.00	18,200	100%	18200	1820	20020
					163,552		163,552	16,355	179,907
18	Electrical Work 15% of Total Cost	24,533		1.00	24,533	0%	0	0	-
19	Internal Sanitery Work 10% of Cost	16,355		1.00	16,355	100%	16355	1636	17,991
					40,888		16,355	1,636	17,991
		Total			204,440		179,907	17,991	197,898

	Earth Work in Excavation	480	Cft	1.80	864	100%	864	86	950
1	Earth/Trance Filling	320	Cft	1.00	320	100%	320	32	352
2	Brick Flat Soling in Base and Floor	432	Sft	10.00	4,320	100%	4,320	432	4,752
3	10" Thick Brick Work gl to pl	200	Cft	60.00	12,000	100%	12,000	1,200	13,200
4	10" Thick Brick Work pl to top	180	Cft	60.00	10,800	100%	10,800	1,080	11,880
5	5" Thick Brick Work	460	Sft	30.00	13,800	100%	13,800	1,380	15,180
6	Sand Filling Up to PL	672	Cft	12.00	8,064	100%	8,064	806	8,870
7	RCC Work				-	100%	-	-	-
	a) Footing / Base Casting	72	Cft	120.00	8,640	100%	8,640	864	9,504
	b) Column up to GB	37	Cft	135.00	4,995	100%	4,995	500	5,495
	c) Grade Beam	83	Cft	135.00	11,205	100%	11,205	1,121	12,326
	d) Column Casting up to top	38	Cft	135.00	5,130	100%	5,130	513	5,643
	e) Roof Slab	-	Cft	134.00	-	100%	-	-	-
	h) Floor C.C.	168	Cft	160.00	26,880	100%	26,880	2,688	29,568
	i) Floor R.C.C.		Cft	120.00	-	100%	-	-	-
	j) Tie Beam	83	Cft	120.00	9,960	100%	9,960	996	10,956
	k) Floor Net Cement Finishing	-	Sft	5.00	-	100%	-	-	-
8	Reinforcement Bar	560	Kg	20.00	11,200	100%	11,200	1,120	12,320
9	Patenstone	336	Sft	35.00	11,760	100%	11,760	1,176	12,936
10	Lying Polythine	432	Sft	2.00	864	100%	864	86	950
11	Steel Door Single Shutter	2	Nos	9574.00	19,148	100%	19,148	1,915	21,063
12	Thai Window with grill	108	Sft	190.00	20,520	100%	20,520	2,052	22,572
13	Plaster work	1,620	Sft	10.00	16,200	100%	16,200	1,620	17,820
14	Plastic paint	1,620	Sft	9.00	14,580	100%	14,580	1,458	16,038
15	Truss with CI Sheet	130	Sft	140.00	18,200	100%	18,200	1,820	20,020
					229,450		229,450	22,945	252,395
16	Electrical Work 15% of Total Cost	34,418		1.00	34,418	0%	-	-	-
17	Internal Sanitery Work 10% of Cost	22,945		1.00	22,945	100%	22,945	2,295	25,240
					57,363		22,945	2,295	25,240
		Total			286,813		252,395	25,240	277,635

2	Earth Filling	12,240	Cft	3.00	36,720	100%	36720	3672	40392
3	Column Base Casting	6,000	Cft	170.00	1,020,000	100%	1020000	102000	1122000
4	Garde Beam Casting	2,135	Cft	170.00	362,950	100%	362950	36295	399245
5	5" Brick Work	21,000	Sft	30.00	630,000	100%	630000	63000	693000
6	Site Development - Earth Filling	70,000	Cft	12.00	840,000	100%	840000	84000	924000
7	Temporary Road Development	54,000	Cft	12.00	648,000	100%	648000	64800	712800
8	8 Pointing	51,800	Sft	3.00	155,400	100%	155400	15540	170940
9	Matenals and Labour Shed:- 15' 0" x 70' 0" = 1050 15' . 0" x 50' . 0" = 750 10' 0" x 50' 0" = 500 10' . 0" x 30' . 0" = 300	2,600	Sft	200.00	520,000	100%	520000	52000	572000
10	Deep Tubewell	1	No	750000	750,000	100%	750000	75000	825000
11	Shuttering Matenals				1,080,000	100%	1080000	108000	1188000
		Total			6,076,118		6076118	607612	6683730

Statement of cost and progress of the plant

CE- 3 3.08	Water Reserver			Rate Variance	Amount In Taka	Completion Of Work	Taka Value Materials & Labour	Other Charges	
	Progress Of Work								
	Covered Area 385 Sft					31-12-01	Only	Total	0.00
Sl No	Item of Work	Quantity	Unit	Rate Tk	Total Taka		Taka		Total
1	Brick Flat Soling in Base and Floor	385	Cft	10.00	3,850	100%	3,850	385	4,235
	RCC Work				-	100%	-	-	-
	a) Floor	192	Cft	110.00	21,120	100%	21,120	2,112	23,232
	b) wall	388	Cft	170.00	62,560	100%	62,560	6,256	68,816
	e) Roof Slab	162	Cft	130.00	21,060	100%	21,060	2,106	23,166
2	*Reinforcement Bar*	3,200	Kg	20.00	64,000	100%	64,000	6,400	70,400
3	Patenstone with net cement finishing	645	Sft	40.00	25,800	100%	25,800	2,580	28,380
4	Plaster with net cement finishing	735	Sft	15.00	11,025	100%	11,025	1,103	12,128
5	Ceilling plaster work	322	Sft	12.00	3,864	100%	3,864	386	4,250
6	Wall plaster work	895	Sft	10.00	8,950	100%	8,950	895	9,845
7	Out Side Painting weather coat	895	Sft	13.00	11,635	100%	11,635	1,164	12,799
8	MS Stair	30	Sft	80.00	2,400	100%	2,400	240	2,640
					-		-	-	-
		Total			236,264		236,264	23,626	259,890
		Cost inc.overhead			259,890				

Healthcare Pharmaceuticals Limited
Statement of BQ of the project

CE- 3 3.08	Septic and Presettling Tank			Rate Variance	Amount In Taka	Completion Of Work	Taka Value Materials & Labour	Other Charges	
	Progress Of Work								
	Covered Area 480 Sft					0	Only	Total	0.00
Sl No	Item of Work	Quantity	Unit	Rate Tk	Total Taka		Taka		Total
1	Earth Work in Excavation	5,152	Cft	1.80	9,274	100%	9,274	927	10,201
2	Earth Filling	1,717	Cft	3.00	5,151	100%	5,151	515	5,666
3	Brick Flat Soling in Base and Floor	640	Sft	12.00	7,680	100%	7,680	768	8,448
4	10" Thick Brick Work	209	Cft	60.00	12,540	100%	12,540	1,254	13,794
5	15" Thick Brick Work	422	Cft	60.00	25,320	100%	25,320	2,532	27,852
6	20" Thick Brick Work	568	Cft	60.00	34,080	100%	34,080	3,408	37,488
7	Total plaster work	2,033	Sft	10.00	20,330	100%	20,330	2,033	22,363
8	Sand Filling	640	Cft	12.00	7,680	100%	7,680	768	8,448
9	**RCC Work**				-		-	-	-
10	a)Floor	322	Cft	110.00	35,420	100%	35,420	3,542	38,962
11	Foof Slab	264	Cft	130.00	34,320	100%	34,320	3,432	37,752
12	Net cement finishing	1,016	Sft	35.00	35,560	100%	35,560	3,556	39,116
13	Floor patent stone net cement finishing	344	Sft	35.00	12,040	100%	12,040	1,204	13,244
14	Reinforcement bar	2,000	Cft	20.00	40,000	100%	40,000	4,000	44,000
15	Manhole cover	5	Nos	350.00	1,750	100%	1,750	175	1,925
					-		-	-	-
					-		-	-	-
		Total			281,145		281,145	28,114	309,259
		Cost inc.overhead			309,259				

1	Earth Work in Excavation	8,502	Cft	1.80	15,304	100%	15,304	1,530	16,834
2	Earth Filling	6,000	Cft	3.00	18,000	100%	18,000	1,800	19,800
3	Brick Flat Soling in Base and Floor	11,645	Sft	12.00	139,740	100%	139,740	13,974	153,714
4	10" Thick Brick Work	2,171	Cft	60.00	130,260	100%	130,260	13,026	143,286
5	5" Thick Brick Work	6,630	Sft	30.00	198,900	100%	198,900	19,890	218,790
6	Wall & RCC Plaster	19,216	Sft	6.00	115,296	100%	115,296	11,530	126,826
7	CC Work in floor	4,114	Sft	10.00	41,140	100%	41,140	4,114	45,254
8	Sand Filling Up to PL	30,000	Cft	12.00	360,000	100%	360,000	36,000	396,000
	RCC Work				-	0%	-	-	-
	a) Footing / Base Casting	1,151	Cft	110.00	126,610	100%	126,610	12,661	139,271
	b) Column up to GB	579	Cft	120.00	69,480	100%	69,480	6,948	76,428
	c) Grade Beam	1,002	Cft	135.00	135,270	100%	135,270	13,527	148,797
	d) Column Casting up to top	500	Cft	135.00	67,500	100%	67,500	6,750	74,250
	e) Roof Slab	2,000	Cft	134.00	268,000	100%	268,000	26,800	294,800
	f) 6" RCC Floor Work	1,400	Cft	110.00	154,000	100%	154,000	15,400	169,400
	g) Roof Beam	600	Cft	130.00	78,000	100%	78,000	7,800	85,800
	h) Floor Net Cement Finishing	7,848	Sft	5.00	39,240	100%	39,240	3,924	43,164
9	***Reinforcement Bar***	23,437	Kg	20.00	468,740	100%	468,740	46,874	515,614
10	Patent stone	7,848	Sft	35.00	274,680	100%	274,680	27,468	302,148
11	Lying Polythine	12,457	Sft	2.00	24,914	100%	24,914	2,491	27,405
12	Steel Door Single Shutter	5	Nos	9574.00	47,870	100%	47,870	4,787	52,657
13	Steel Door Double Shutter	4	Sft	16083.00	64,332	100%	64,332	6,433	70,765
14	Window Fixed Glass	38	Sft	2270.00	86,260	100%	86,260	8,626	94,886
15	Painting -White Wash	19,960	Sft	7.00	139,720	100%	139,720	13,972	153,692
16	Truss with MS Steel	5,911	Sft	120.0	709,320	100%	709,320	70,932	780,252
17	Mosaic	3,457	Sft	65.0	224,705	100%	224,705	22,471	247,176
18	Thai Aluminium	853	Sft	160.0	136,480	100%	136,480	13,648	150,128
19	Truss with CI Steel	1,540	Sft	80.0	123,200	100%	123,200	12,320	135,520
		Total			4,257,249	110%	4,257,249	425,725	4,682,973

Sl No	Item of Work	Quantity	Unit	Rate Tk	Total Taka		Taka		
1	Earth Work in Excavation	83,744	Cft	1.80	150,739	100%	150,739	15,074	165,813
2	Sub Grading work	41,872	Cft	28.00	1,172,416	100%	1,172,416	117,242	1,289,658
3	Carpeting	20,934	Cft	1250 00	1,256,040	100%	1,256,040	125,604	1,381,644
4	~~Seal Coat~~	~~41,872~~	~~Cft~~	~~30.00~~	~~1,256,160~~	~~100%~~	~~1,256,160~~	~~125,615~~	~~1,381,776~~
5	Sand Filling	108,865	Cft	12.00	1,306,380	100%	1,306,380	130,638	1,437,018
		Total			5,141,735		5,141,735	514,174	5,655,909
		Cost inc.Overhead			5,655,909	100%			

CF- 3 3.07	Drain :- Progress Of Work				Amount In Taka Total Taka	Completion Of Work 31-12 - 00	Taka Value Materials & Labour Only Taka	Oh & Profit VAT I Tax Total	15 5 3 23 Total
Sl No	Item of Work	Quantity	Unit	Rate.Tk					
1	Earth Work in Excavation	4060	Cft	1.80	7,308	100%	7,308	731	8,039
2	Soling Work	4060	Cft	12.00	48,720	100%	48,720	4,872	53,592
3	CC Work	4060	Cft	30.00	121,800	100%	121,800	12,180	133,980
4	10" Brick Work	4718	Sft	60.00	283,080	100%	283,080	28,308	311,388
5	Plaster	10558	Cft	10.00	105,580	100%	105,580	10,558	116,138
6	Net Cement Finishing	10558	Cft	5 00	52,790	100%	52,790	5,279	58,069
7	6" PVC Pipe	4000	Rft	90.00	360,000	100%	360,000	36,000	396,000
8	Collection Pit								
9	Grating								
		Total			979,278		971,970	97,197	1,069,167

1	Brick Flat Soling in Base and Floor	1,800	Sft	10.00	18,000	100%	18,000	1,800		19,800
2	Truss With CI Sheet	1,800	Cft	80.00	144,000	100%	144,000	14,400		158,400
3	CC Work	900	Cft	25.00	22,500	100%	22,500	2,250		24,750
4	Patent Stone	1,800	Sft	25.00	45,000	100%	45,000	4,500		49,500
5	Sand Filling	1,800	Cft	12.00	21,600	100%	21,600	2,160		23,760
					-					
					-					
		Total			251,100		251,100	- 25,110		276,210

3.02	Building No. 2 RBL Production	5,377	10,554,549	1,055,455	11,610,004	5,446,733	538,305	5,985,038	2,159	23,242	465
3.03	Building No. 3 Utility & Betalactam	6,817	5,884,202	588,420	6,472,622	4,736,291	473,629	5,209,920	949	10,220	204
3.04	Building No. 4 Warehouse	20,973	22,550,288	2,255,029	24,805,316	16,885,541	1,688,554	18,574,095	1,183	12,731	255
3.05	Building No. 5 Admin & QC	21,984	14,666,239	1,466,624	16,132,863	13,158,954	1,315,895	14,474,849	734	7,899	158
3.06	Link corridoor	7,086	4,257,249	425,725	4,682,973	4,257,249	425,725	4,682,973	661	7,114	142
3.07	Building No. 6 Canteen	7,144	6,684,526	668,453	7,352,979	5,882,383	588,238	6,470,621	1,029	11,079	222
3.08	Gate House	900	924,719	92,472	1,017,191	813,753	81,375	895,128	1,100	12,166	243
3.09	Entrance guard Room	130	204,440	20,444	224,884	179,907	17,991	197,898	1,730	18,620	372
3.10	Bavkward Guard Room	336	286,813	28,681	315,494	252,395	25,240	277,635	939	10,107	202
	Total of building	92,167	104,271,564	10,427,156	114,698,721	71,686,236	7,160,734	78,846,970			
3.07	Waste Water Treatment Plant	2,325	1,069,578	106,958	1,176,535	1,069,578	106,958	1,176,535	506	5,447	109
	Water Reserver	385	236,264	23,626	259,890	236,264	23,626	259,890	675	7,266	145
	Septic and Pre Settling Tank	480	281,145	28,114	309,259	281,145	28,114	309,259	644	6,935	139
	Car Parking	1,800	251,100	25,110	276,210	251,100	25 110	276,210	153	1,652	33
	Total Of Building Construction Work	4,990	1,838,086	183,809	2,021,895	1,838,086	183,809	2,021,895			
CE- 2	Road & Drain										
	Permanent Road		5,141,735	514,174	5,655,909	5,141,735	514,174	5,655,909			
	Drain		979,278	97,928	1,077,206	971970	97,197	1,069,167			
			6,121,013	612,101	6,733,115	6,113,705	611,371	6,725,076	-		
2.07	Misc Land Improvement :-										
2 07.03	Enclosure (Boundary Wall		6,076,118	607,612	6,683,730	6,076,118	607,612	6,683,730			
	Total Construction Inc.Boundary Wall	97,157	118,306,782	11,830,678	130,137,460	85,714,145	8,563,525	94,277,670	-		

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