



PC-1

Balance Work of Revamping of THQ Hospital Burewala

ORIGINAL APPROVED COST	PKR Million. 149.408/-
ORIGINAL APPROVED GESTATION	43 Months Till June 2025
APPROVAL FORUM	DDSC (DDSC)

1. NAME OF THE PROJECT

Balance Work of Revamping of THQ Hospital Burewala

2. LOCATION OF THE PROJECT

2.1. DISTRICT(S)

I. VEHARI

2.2. TEHSIL(S)

I. BUREWALA

3. AUTHORITIES RESPONSIBLE FOR

3.1. SPONSORING AGENCY

- PRIMARY AND SECONDARY HEALTH CARE

3.2. EXECUTION AGENCY

- PRIMARY AND SECONDARY HEALTH CARE

3.3. OPERATIONS AND MAINTENANCE AGENCY

- PRIMARY AND SECONDARY HEALTH CARE

3.4. CONCERNED FEDERAL MINISTRY

- NATIONAL HEALTH SERVICES, REGULATIONS AND COORDINATION

3	AUTHORITIES RESPONSIBLE 3.1 Sponsoring	Government of the Punjab, Primary and Secondary Healthcare Department
	3.2 Execution	PMU for Revamping Program of Primary and Secondary Healthcare Department and C&W Department
	3.3 Operation & Maintenance	PMU for Revamping Program of Primary and Secondary Healthcare Department and District Government
	3.4 Concerned Federal Ministry	Ministry of National Health Services, Regulation and Coordination Pakistan

4. PLAN PROVISION

Sr #	Description
1	Source of Funding: Scheme Listed in ADP CFY
2	GS No: 5365
3	Total Allocation: 0.000
4	Comments: Provision of Rs.1300 M reflected at G.S. No.660 of ADP 2022-23 titled “Balance Work of Revamping of All DHQ & 15 THQ Hospitals in Punjab.

5. PROJECT OBJECTIVES

attached

5. Project objectives and its relationship with Sectorial Objectives and Components

The Government of Punjab is making strenuous efforts for a better and effective Health Care system. The Defining step in this direction was to recognize the importance of Health Care at Primary & Secondary Levels. As a first step towards better health care at primary and secondary level, the department under the guidance of P&SHD had decided to launch massive revamping of 40 THQ & DHQ Hospitals in the current financial year 206-17. Program was launched to provide timely quality health care through skillful application of medical technology in a culturally sensitive manner within the available resource constraints. Eliminating poor quality involves not only giving better care but also eliminating under provision of essential clinical services, stopping overuse of some care and ending misuse of unneeded services. A sadly unique feature of quality is that poor quality can obviate all the implied benefits of good access and effective treatment. At its best, poor quality is wasteful and at its worst, it causes actual harm. Keeping in view this basic essence of Primary and Secondary Healthcare, Government of the Punjab is dedicated in making strenuous efforts for ensuring a better and effective Health Care system in the hospitals.

The basic mandate of Primary & Secondary Health Department is to focus on preventive health care in primary sector along with basic diagnostics and treatment facilities at secondary level. The context is to primarily lessen the load on tertiary care health establishments and to reduce treatment costs. The major challenge for Primary & Secondary Health Department is to boost the confidence of masses and raise the level of trust in the primary health care system. The reality is that most of the health care establishments at secondary level are not currently providing health care services up to the optimal level, owing to a myriad of reasons including heavy patient load, scarcity of resources, human resource constraints and dysfunctional biomedical and allied equipment.

The defining step in this direction was to recognize the importance of Health Care at Primary & Secondary Levels. In order to address the dilapidated condition of hospital infrastructure, scope of work, based on the followings was chalked out:

- Addition of human resource
- Rehabilitation and improvement of infrastructure
- Supply of missing biomedical and non-biomedical equipment;
- Introduction of IT-based solutions
- Outsourcing of allied services
- Standardization of hospital protocols.

5.1. Brief Description / Background

The District Head Quarters (DHQ) Hospitals are located at District headquarters level and serve a population of 1 to 3 million, depending upon the category of the hospital. The DHQ hospital provides promotive, preventive and curative care, advance diagnostics, inpatient services, advance specialist and referral services. DHQs provides referral care to the patients including those referred by the Basic Health Units, Rural Health Centers, Tehsil Head Quarter hospitals along with Lady Health Workers and other primary and secondary care facilities.

Similarly, Tehsil Head Quarter Hospitals are located at each Tehsil Headquarter and serve a population of 0.5 to 1.0 million. At present, the majority of THQ hospitals have 40 to 60 beds. The THQ hospital provides promotive, preventive and curative care, diagnostics, inpatients, referral services and also specialist care. THQ hospitals are also supposed to provide basic and comprehensive Emergency Obstetric and Newborn Care. THQ hospital provides referral care to patients, including those referred by the Rural Health Centers, Basic Health Units, Lady Health Workers and other primary care facilities.

Keeping in view the importance of primary and secondary health care, the department has decided to launch massive revamping of 40 DHQ & THQ Hospitals in the current financial year (25 DHQ's and 15 THQ's). In addition to this, as a part of special instructions, the department has also taken improvement of emergencies in 15 DHQ & THQ Hospitals.

Infrastructure improvement portfolio was undertaken in all DHQ & 15 THQ Hospitals through Infrastructure Development Authority Punjab (IDAP) with the following details:

(A) Repair/Renovation of Clinical Covered Area - Establishment / Up-gradation of Missing Facilities (Emergency, ICU, CCU, Burn Unit, Dialysis Unit, Physiotherapy, Dental Unit, CT Scan, Mortuary and Yellow Room) Complete Renovation of Existing internal infrastructure (Wards, OPD Rooms, Corridors, Operation Theaters and Diagnostic blocks) with state-of-the-art clinical friendly materials

B) External Development - Façade, External Pathways, Platforms, Sewerage and Water Supply System

C) External Electrification

- Dedicated Power Lines (Dual Supply and Express Lines)
- External wiring

(D) Establishment / Up-gradation of Missing Health Facilities:

- Emergency
- CT Scan
- Dialysis
- ICU
- CCU
- Physiotherapy
- Mortuary
- Dental Unit

The construction of various new blocks of hospital complex is constructed without any proper planning and necessary connection to existing blocks. On the whole, the complete infrastructure of hospital is quite complex and scattered, access to various blocks of hospital is quite inadequate and there is no proper connection or link between different blocks of hospital. In the revamping program of DHQ and THQ Hospitals, the placement of various facilities of hospitals are re planned keeping in view the layout of existing blocks for facilitation of patients and some modifications/alterations were proposed in the blocks for necessary link or connection between the blocks.

Civil work revamping of all DHQ & 15 THQ Hospitals was undertaken during the FY 2016-17 through Infrastructure Development Authority Punjab (IDAP). Details of revamping in DHQ is given below:

Total area of the THQ Hospital Burewala :	61,891 SFT
Area completed:	31,653 SFT
External Development and Electrification:	Not Executed

Later on the IDAP informed that they will not be able to take the next revamping plan of DHQ/THQ Hospitals of Punjab on the grounds that it does not fall in the project role of IDAP specified in the 36th meeting of Principal Cabinet of IDAP held on 26-10-2020.

Accordingly, on the basis of RCE of IDAP and de-scope civil work received 25 sub-schemes of all DHQ and 15 THQ Hospitals have been approved from PDWP in its meeting held on 36-03-2021 and DDSC meeting held on 29-04-2021. Sub-schemes of all DHQ & 15 THQ Hospitals were concluded.

Now it has been decided to complete the balance civil work of revamping through C&W Department. Accordingly, the Rough Cost estimates of balance civil work has been got prepared from the Punjab Buildings Department for preparation of instant PC-I.

5.2 Infrastructural Interventions

The construction of various new blocks of hospital complex is constructed without any proper planning and necessary connection to existing blocks. On the whole, the complete infrastructure of hospital is quite complex and scattered, access to various blocks of hospital is quite inadequate and there is no proper connection or link between different blocks of hospital. In the revamping program of DHQ and THQ Hospitals, the placement of various facilities of hospitals are re planned keeping in view the layout of existing blocks for facilitation of patients and some modifications/alterations were proposed in the blocks for necessary link or connection between the blocks.

Major infrastructural interventions can be divided in the following three categories

5.4.1 External Development

5.4.2 Internal Development

5.4.3 Medical Infrastructure Development

5.4.4 Emergencies Development

5.3 External Development

5.3.1.1 External Platforms

In order to improve the communication between blocks, necessary interventions are taken to improve the existing metaled road network. Moreover, new internal metaled road is proposed to access the blocks of hospital.

5.3.1.2 Façade Improvement

In order to improve the aesthetics of hospital, façade uplift has been proposed in order to give the feel of modern architectural era.

5.3.1.3 Sewerage System

These interventions include the re designing of sewerage system, construction of new manholes, laying of new sewer lines and connection between trunk sewer and hospital sewer.

5.3.1.4 External Electrification

One of the major hindrances in functionality and ineffectiveness of electro medical equipment and other facilitating electrical appliances is either interrupted power supply or power supply with lesser voltage than required. This problem was solved by providing express line or dual electrical supply in all hospitals under revamping. Despite these two facilities based, on the current and proposed electrical load of hospital new transformers were proposed to step down the voltage to desired level and complete generator backup system was designed and generators along with automatic transfer switches were proposed accordingly. Moreover, to fully lighten up the hospital for proper utilization of all facilities of hospital during the low/no-light hours of the day, external pole lights to lighten up the pathways and garden lights to lighten up the lawns were designed and proposed.

5.3.2.1 Ramp and Stretcher improvement

For hospitals having more than one floor, there is a huge problem of patient transfer with stretcher. This problem is solved by proposing new ramps/stretcher ways where needed. Moreover, in order to further improve the communication between various floors of hospitals improvement of stair cases with hand rail or guard rails is proposed.

5.3.2.2 Seamless flooring and Lead Lining

To keep high risk areas like Operation theaters, I.C.U, C.C.U, Burn Unit and Gynecology Operation Theater bacteria free is one of the basic medical practices. In the revamping program of hospitals low epoxy paint is proposed in these areas to provide seamless flooring so that the bacterial growth within the grooves can be prevented. Moreover, to make the C.T. Scan room and X-Ray rooms radio-resistant and to keep the patients away from the harm of rays, interventions are taken in X-ray rooms and C.T. Scan regarding provision of lead lining in walls, ceiling and floor.

Interventions were taken regarding hazardous radiation emitting areas to make them radio-resistant in order to keep patients/attendants away from harmful radiations. These interventions were in the form of provision of lead lining in ceiling, walls and roofs of C.T. Scan and X-Ray rooms.

5.3.2.3 Aluminum doors and windows

In order to make sound and heat proof the doors and windows of wards, corridors and major health facilities are proposed as aluminum doors and windows. Which despite of above benefits are also aesthetically pleasing. Corridor wire mesh windows and rolling blinds for windows are proposed in order to invite or stop the day light within the wards according to the requirement. Moreover, existing wooden doors having shabby and dirty look are proposed to be re-polished and washroom doors are proposed to be replaced with PVC doors to make them resistant against water.

5.3.2.4 Improvement of washroom blocks

The area of hospital which can be dirty at most is its washroom or toilet blocks. To improve the cleanliness of hospital the special interventions were taken regarding the renovation of toilet block of hospital. This renovation includes the re tiling of existing damaged flooring and skirting and addition of water closets etc.

5.3.2.5 Fire and theft security

The security of hospital against fire and theft is another patient beneficial initiative in the revamping program. The provision of different types of fire extinguishers and installation of different types of CCTV cameras is also proposed in this program. The fire extinguishers are planned to place at those positions in the building where the fire event is most likely to occur and CCTV cameras are designed to install at those location where monitoring is essential from security point of view. These points also include the external areas of hospital like main gates etc.

5.3.3 Medical Infrastructure Development

Includes establishment of new facilities which are as follows:

To cope with the emergency condition of clinically serious patient, oxygen supply system is designed by proposing an individual oxygen supply system for each major health facility. This oxygen supply network comprises on copper pipe line, flow meter with bed head units, cylinders and setup and individual central oxygen supply system. The contract of filling of oxygen gas in cylinders is outsourced for uninterrupted oxygen gas supply to the patients.

For patient receiving, information, guidance, appointment or for any other task, separate reception counters are proposed in various blocks so that, all necessary information regarding the block is available on the counter round the

clock. In this way, utilization of clinical facilities will be optimized. For indoor patient department, complete facilitation and care of patients admitted in wards is ensured by proposal of nursing counter in each ward. This nursing counter will be placed or constructed in such a placement that each bed can be monitored by the nurse available.

In the revamping program, following clinical facilities are being introduced in the DHQ Hospital:

I.C.U, C.C.U, Burn Unit, Dialysis Unit, C.T. Scan, Dental Unit, Physiotherapy Unit and Prisoners ward

The design regarding architectural planning of above mentioned facilities are designed according to the patient facilities and architectural planning standards. These designed facilities are then designed in the existing building structure according to the patient flow and sensitivity of facility.

5.3.3.1 ICU

District Headquarter Hospitals (DHQ) serve catchment populations of the whole districts (1-2 million) and provide a range of specialist care in addition to basic outpatient and inpatient services. They typically have about 100 to 300 beds and a broad range of specialized services including surgery, medicine, paediatrics, obstetrics, gynaecology, ENT, ophthalmology, orthopaedics, urology, neurosurgery etc. Patient who are in need of intensive care are usually referred to tertiary care hospital but due to long distance they had to travel and time consumed on road due to heavy traffic and other unavoidable circumstance, patient's condition not only deteriorate but also compromise the effectiveness of life saving intervention. Understanding these ground realities Primary and Secondary Healthcare Department, Government of the Punjab has decided to establish intensive care units (ICU) in DHQ hospitals as a part of its Annual Development Plan. This will improve the quality of healthcare and timely provision of life saving treatment will be possible to large number of patients.

Primary and Secondary Healthcare Revamping programme (PSHRP) is the initiative by the Chief Minister of Punjab to strengthen the healthcare delivery system in the province Acquisition of licenses for all DHQ and THQ Hospital by developing and implementing uniform set of standard Operating procedures (SOPs) & standard medical protocol (SMP) for compliance to MSDS of PHC is planned as a part of PSHRP.

An **intensive care unit (ICU)** is a special department of a hospital or health care facility that provides intensive treatment medicine. Intensive care units cater to patients with severe and life-threatening illnesses and injuries, which require constant, close monitoring and support from specialized equipment and medications in order to ensure normal bodily functions. Intensive care units are staffed by highly trained doctors and nurses who specialize in caring for critically ill patients. They are also distinguished from normal hospital wards by a higher staff-to-patient ratio and access to advanced medical resources and equipment that are not routinely available elsewhere. Common conditions that are treated within ICUs include ARDS, trauma, multiple organ failure and sepsis. Patients may be transferred directly to an intensive care unit from an emergency department if required, or from a ward if they rapidly deteriorate, or immediately after surgery if the surgery is very invasive and the patient is at high risk of complications.

5.3.3.2 CCU

Understanding these ground realities Primary and Secondary Healthcare Department, Government of the Punjab has decided to establish coronary care units (CCU) in DHQ hospitals as a part of its Revamping Program. This will improve the quality of healthcare and timely provision of life saving treatment will be possible to large number of patients. A coronary care unit (CCU) is a special department of a hospital or health care facility that provide coronary care to patients. Coronary care units cater to patients with severe and life-threatening cardiac illnesses and which require constant, close monitoring and support from specialized equipment and medications in order to ensure normal bodily functions.

Coronary care units are staffed by highly trained doctors and nurses who specialize in caring for cardiac patients. They are also distinguished from normal hospital wards by a higher staff-to-patient ratio and access to advanced medical resources and equipment that are not routinely available elsewhere. Common conditions that are treated within CCUs including angina, Myocardial infection, cardiac arrhythmia, cardiac shock etc. Patients may be transferred directly to coronary care unit from an emergency department or from a ward if they rapidly deteriorate, and immediately require cardiac care treatment.

5.3.3.3 DIALYSIS UNIT

Chronic kidney disease is now a significant public health problem worldwide. Chronic kidney disease globally affects almost 10 % of general population with Incidence in prevalence of disease are still rising especially in developing countries. The rise in chronic kidney disease is by aging of the populations and growing problems of obesity, diabetes, high blood pressure and cardiovascular diseases.

District Headquarter Hospitals (DHQ) & Tehsil head Quarter Hospital (THQ) serve large catchment populations of the district and provide a range of specialist care in addition to basic outpatient and inpatient services. Patient who are in need of dialysis, are referred to tertiary care hospital due to non-availability or insufficient number of dialysis machines. Patient's condition not only deteriorate but also compromise the effectiveness of life saving intervention due to approaching to other cities or to costly private setups of dialysis. Primary and Secondary Healthcare Department has decided to establish & strengthening already existing 10 bedded dialysis at DHQ hospitals & 5 bedded dialysis unit at THQ hospitals. This will improve the quality of healthcare and timely provision of life saving treatment will be possible to large number of patients.

Dialysis unit is a special department of a hospital or health care facility that provides a lifesaving support to patients with chronic renal disease along with pre-existing diseases like diabetes, hypertension, ischemic heart disease to ensure normal bodily functions. Dialysis units are staffed by highly trained doctors, dialysis technicians and dialysis nurses who have done specialized training in caring for such patients. Patients are usually admitted from out door and often from emergency and registered for their timing and schedule of dialysis because these patients are given regular appointments twice or thrice a week as per defined by nephrologist/physician.

5.3.3.4 BURN UNIT

To improve the quality of medical care rendered to burn patients, primary and secondary Healthcare Department has decided to establish burn units in DHQ hospital as a part of its Annual Development Plan. Effective management of Burn victims is a complicated and challenging intervention in a developing country like Pakistan. Absence of clinical standards, protocols, and guidelines for care of burn patients in health facilities is an important constraint. Primary and Secondary Healthcare Revamping programme (PSHRP) is the initiative by the Chief Minister of Punjab to improve the healthcare delivery system in the province Acquisition of licenses for all DHQ and THQ Hospital by developing and implementing uniform set

of standard Operating procedures (SOPs) & standard medical protocol (SMP) for compliance to MSDS of PHC is planned as a part of PSHRP.

Burns are among the most common types of trauma occurring in any society. Most burns are relatively small and consequently not life threatening, but large burns, even partial thickness ones, still pose a major threat when not treated properly. Even smaller burns may cause major morbidity, because the injury is very painful and may lead to disfiguring scar formatting, primarily hypertrophic scarring. The 4 bedded Burn Units will treat children and adults with thermal burns, chemical burns, electrical burns etc.

Primary and secondary healthcare department focusing on optimal management of patient with up to 30% burns in newly developed burn units and desired to establish a proper referral system for patients who have more than 30% burns. Primary and secondary healthcare department has directed its efforts towards development of an organized system for total care of the burn patient including development of medical protocol, training & retaining the qualified medical/nursing staff and coordination with specialized health & Medical education department.

5.4.1 EMERGENCY DAPARTMENT:

All THQS and DHQs are already providing emergency services to critical ill patients. As for as the existing sources including human resources & equipment are not sufficient to fulfill the requirement. Primary and secondary healthcare department is going to take the initiative to improve emergencies of hospitals by providing new equipment and human resource in form of recruitment of doctors, nurses and paramedical staff along with Infrastructure of Causality Department. Ultimate goal of revamping of emergencies is to enhance the quality of medical services to critical ill patient in golden hour to decrease the mortality and morbidity rate in causality department of each hospital.

5.4.2 General Overview of Emergency Department

In any hospital, the most important and critical area is its emergency block. Specially, if hospital is situated on a highway where there is a huge flux of rapidly moving traffic which can be a major source of causalities, if patient treatment is not proper. Besides road trauma cases, cardiac cases and burn cases etc. are also more likely to be initially treated in emergency. Proper first aid to patient reduces morbidity and mortality. The emergency department of hospital is a block where in time service delivery is so much essential that delay in proper treatment can cause lot of lives to suffer from serious diseases for rest of their life. In a nutshell, the

efficiency and in time service delivery of emergency block depicts the overall efficiency of the hospital.

In order to improve the emergency department and to ensure in time service delivery of the same, special initiatives are being taken in this regard. Infrastructure of emergency department depends a lot on its service delivery and efficiency. An emergency department with all necessary medical and general equipment and equipped with all essential medical facilities but without ineffective and poorly planned infrastructure will never fulfill its need. Conclusively, such infrastructural interventions are planned in this program so that the efficiency of emergency department can be optimized. Some of the following major interventions are listed below:

5.4.3 Position of Emergency Department

It is planned that new construction of building should be avoided at most because already existing blocks with no proper utilization are existing in all of the hospitals. The emergency block should be on such a location that the distance between that department and main entrance gate should be minimum with respect to other locations or positions of complex. To fulfill this purpose, that portion of this building block is selected for re planning of emergency department which is most near to the entrance gate:-

5.4.4 Addition of Portico and External Structures

The external structures like portico, ramp/stretchers way for entrance, podium and platform for wheel chairs are proposed in this program for facilitation of patients. Portico is a small structure constructed outside the covered area consisting of four or two columns carrying a slab or roof over it. This portico is constructed in this program outside the emergency department to provide a shade for the ambulance or any other vehicle carrying the patient. With presence of this portico, it will facilitate the patient to transfer it from ambulance to the department under a shade so that it provides resistance against the rain or other weathering effects.

Ramp/Stretchers way is an essential structure to be constructed outside the emergency department because almost all the patients coming towards the emergency block are on either wheel chairs or stretchers. It is impossible for a wheel chair or stretcher to cross the stairs in order to enter in the department. To cope up with this problem, ramp or stretchers way is proposed outside the emergency department to provide a smooth passage for the stretcher or wheel chair. Platform for wheel chairs is proposed in this program in order to provide a station for wheelchairs. The presence of this wheel chairs platform will ensure in time access to the wheel chairs when required. In order to give a feel of modern architecture and to uplift the existing shabby outlook of the department, interventions regarding façade improvement are taken in this program.

5.4.5 General Building Interventions:

In order to improve the over building condition of emergency blocks following major interventions are taken:

1. Provision of flooring and skirting
2. Painting on interior and exterior side of department
3. Provision of false ceiling
4. Replacement of damaged and renovation of existing wooden doors
5. Provision of aluminum doors and windows
6. Public health work regarding supply of water and gas along with improvement of sewerage system
7. Provision of LED panel lights, ceiling fans, exhaust and wall bracket fans
8. Improvement of existing wiring and distribution including replacement of damaged equipment and proposal of new equipment

5.5 Introduction of IT-based solutions

This includes implementation of IT-based solutions for improving services delivery standards to ensure better service delivery to general public/patients. In this regard, a dedicated Project Management Unit (PMU) established comprises ICT wing with the scope of revamping exercise include but not be limited to provision of IT equipment & IT solutions.

Currently, Queue Management System (QMS) integration with Hospital Information Management System (HIMS) project was under execution by PITB for Phase-I DHQ/THQ 40 hospitals.

Number of software application has been developed, deployed and implemented in hospitals by using the IT manpower in hospitals by PMU ICT team that includes but not limited to:

- Invoice Management System
- MEPG mobile application & web portal for outsourced services monitoring system.
- Janitorial mobile application & web portal
- Surgery Tracking Application & web portal
- Patient Feedback Application & web portal
- Stock Management /Consumable Application
- Equipment Management Portal
- Hospital Management Information System for Phase-II hospitals
- Patient Referral System Portal

- MLC portal

5.6 MONITORING AND QUALITY ASSURANCE (PROCESS INTERVENTIONS)

During construction phase, “Construction Supervision” will be carried out by the Procuring Agency (Director Infrastructure) who will certify construction activity.

5.6.1 MSDS (Minimum Service Delivery Standards)

MSDS are minimum level of services, which the patients and service users have a right to expect. MSDS include minimum package of services, standards of care (level specific) and mandatory requirements/systems for delivery of effective health care services. The World Health Assembly in Alma-Atta in 1978 expressed the need of action to protect and promote the health for all the people of the world. Essential health is to be made universally accessible to individuals and families through their full participation and at a cost that the community and country can afford. MSDS is now being deemed to be of vital importance at THQ and DHQ level. The THQ hospital provides promotive, preventive, curative, diagnostics, in patients, referral services and also specialist care.

THQ hospitals are supposed to provide basic and comprehensive EmONC. THQ hospital provides referral care to the patients including those referred by the Rural Health Centers, Basic Health Units, Lady Health Workers and other primary care facilities. The District Head Quarters Hospital is located at District headquarters level and serves a population of 1 to 3 million, depending upon the category of the hospital. The DHQ hospital provides promotive, preventive, curative, advance diagnostics, inpatient services, advance specialist and referral services. All DHQ hospitals are supposed to provide basic and comprehensive EmONC. DHQH provides referral care to the patients including those referred by the Basic Health Units, Rural Health Centers, Tehsil Head Quarter hospitals along with Lady Health Workers and other primary care facilities. Services package and standards of care at SHC level are also not well defined. Deficient areas include: weak arrangements to deal with non-communicable diseases, mental, geriatric problems and specialized surgical care especially at THQ Hospitals. There is disproportionate emphasis on maternal and child health services at SHC facilities. Services-package being provided at PHC and SHC are also deficient in terms of Health care providers' obligations, patients' rights and obligations.

MSDS umbrella is very vast and it requires a very extensive and planned approach towards, gap analysis, planning, development, implementation, monitoring and evaluation. MSDS comprises of 10 thematic area, 30 standards and 162 indicators. Government of Punjab has taken an initiative to standardize all hospitals of Punjab in accordance with Punjab Health Care Commission Minimum service delivery standards. PMU team segregated MSDS indicators into various targets and sub-targets to make these targets achievable. Manuals for both clinical and non-clinical specialties are being prepared comprising of departmental organizational plan, criteria for essential human resource, essential equipment, general and specialized SOPs, departmental safety guidelines etc. Standardized

Medical Protocols (SMPs) are standard steps to be taken by a health facility during medical or surgical management of a patient. Standard Operating Procedure (SOPs) are detailed description of steps required in performing a task including specifications that must be complied with and are vital to ensure the delivery of these services .It requires literature review, departmental view, facility visits, consultative visits and development of action plan for implementation of MSDS. Effective MSDS implementation requires essential documentation. Documentation is a key for record keeping, monitoring and auditing. For this purpose, registers, forms, displays have to be designed with coding for effective tracking. In addition to this it also requires analysis from field from utilization point of view.

Displays constituting of public serving messages, health related information and general facility related guidelines. In order to monitor effective implementation, compliance monitoring is required to be carried out by field experts which is followed up by further planning to ensure continuous delivery of effective, accessible, continuous and quality services to masses in uninterrupted manner.

MSDS implementation is a complex procedure. Because it requires

1. Capacity building for understanding, development and continuous implementation of MSDS.
2. Ecosystem for establishing its implementation by full cooperation, collaboration, commitment of
3. Continuous monitoring
4. Continuous audit
5. Continuous training, refresher courses with purpose of reinforcement
6. Continuous quality improvement
7. Continuous SWOT analysis and gap identification
8. Continuous strategy making and implementation with backup plan for secondary options.
9. Responsibility designation for clinical and non-clinical procedures and activities.
10. Effective utilization, calibration and maintenance of equipment with record maintenance and their audit
11. Establishment of plans, implementation, analysis of gaps with alternate planning regarding fire evacuation plan, hospital infectional control plan, hospital operational and strategic plans, disaster plan both internal (partial / complete) and external.

The PDSA cycle

1. Developing a plan to test the change (Plan),
2. Carrying out the test (Do),
3. Observing and learning from the consequences (Study), and
4. Determining what modifications should be made to the test (Act).

5. Monitoring effective load sharing of Human resource and equipment within hospitals.
6. Addition of new HR/ rationalization on requirement of MSDS indicator compliance for effective departmental organization and their planned trainings by MPDD, UHS ETC
7. Standard optimization of Standard operating procedures and methods for their effective adoption by hospital human resource.
8. We have also extended our MSDS implementation in 20 more departments such as dentistry, ICU, ccu, Dialysis, mortuary, burn unit, physiotherapy, orthopedics, medicine, nursing, paedes, ophthalmology, derma, TB, urology, patient transfer system, store and purchase, audit and accounts, procurement, planning etc. We are also in process of preparing manuals, SOPS, plans, universal forms, and universal registers with universal tracking system of record.
9. We have developed an application for continuous monitoring of MSDS compliance.

Health managers are considered essential at both the strategic and operational levels of health systems. To gain an initial understanding of the management workforce for service deliver. Every health system desires managers who are competent and have the knowledge, skills and demeanor to be effective. The performance of health services managers will depend in part on how certain standard support systems function. Even good managers will have problems if procedures for running finances, staff, etc., are not working well. Functional systems should have clear rules and regulations, good guides and forms, effective monitoring and supervision and appropriate support staff, e.g. account staff, supplies and information staff and secretarial support A health manager is supposed to be competent in planning, budgeting, financial management systems , personnel management systems, including performance management , procurement and distribution systems for drugs and other commodities , information management and monitoring systems , systems for managing assets and other logistics, infrastructure and transport. Support systems help to ensure uniformity in management practices and ensure that management and administrative systems function and get results.

5.6.2 Supply of missing Biomedical and non-biomedical equipment

Procurement of Bio and non-biomedical equipment as per requirement of the hospital and available financial resources in all DHQ and 15 THQ Hospitals completed.

Impact of supply of missing Biomedical and non-biomedical equipment;

- With the addition of necessary biomedical equipment like CT Scan/X-Ray/Ultrasound and Color Doppler, Burn Unit equipment, ICU/CCU equipment, Ventilators, Medical Gas Pipeline System and Operation Theaters etc. hospital clinical staff and administration is able to provide better healthcare to the patients' way beyond the limits prior to revamping.
- Due to availability of this necessary biomedical equipment coupled with trained staff, the load on specialized healthcare hospitals has greatly reduced. The hustle and bustle of general public (especially rural) faced due to travelling towards far furlong specialized healthcare hospitals has reduced.
- Lifesaving biomedical equipment for instance Emergency Equipment, Operation theaters equipment has contributed in saving many lives due to availability of the said equipment and this contribution is still going on.
- Non availability of this equipment was enforcing the public for private and costly treatments, which was resulting into huge financial impact on public. The availability of these services at government rates has beneficial impact on public.
- The provision of non-biomedical equipment has facilitated the public, patients and staff largely e.g. Air Conditioners, Office Furniture, Benches, Ceiling fans and generators etc.
- The provision of non-biomedical equipment e.g. waste bin sets, bed sheets, blankets etc. has contributed towards overall hospital cleanliness which has reduced the disease hotspots of hospitals.

Biomedical Equipment Resource Center (BERC) has been working under PMU to record and maintain an updated elaborate and sophisticated asset inventory of biomedical equipment in DHQ and THQ Hospitals at provincial level, respond to repair calls by mobilizing the assigned repair personnel/vendors/firms and analyze the data to identify quality, repair track and life span (end-of-life) of equipment; quality of service of vendor/firm/party and quality of service of the service provider handling the equipment; and use the information to raise alerts in relevant departments for adequate action (procurement, condemnation, black-listing of vendor etc.)

5.7. Electronic Medical Record (EMR) and QMS

5.7.1 Queue Management System (QMS)

OPD in DHQ has enormous patient load, due to the only big public sector serving hospital in Districts and Tehsils. At the moment the ticket system is prevailing but there is no mechanism to handle that ticket and assign number to the ticket and its being issued in manual format. This will also create dependency on the person issuing the ticket. After getting the tickets, patient will be provided with no guidance on where to go and when his term will come to meet the doctor and get the required service. This will create confusion and delayed service delivery. On the other hand it will waste lots of time on the end of doctor and patient as patient and doctor has no direct liaison with each other. Moreover, patient will again have to be dependent on some person to check that either doctor is free or any patient sitting in his facility. Here again, human intervention and dependency will come into play.

This project basically aims to remove all the human related dependency till the patient reach the doctors. Moreover, it also includes, recording basic information for a patient and guiding him to the doctors room from registration count to triage without any dependency on hospital staff. This will improve the transparency as per the vision of good governance and serve the patient in an efficient and transparent manner. This will also help the patient in estimating that time estimate till his term which will give him relief and more belief on the fair system. On the other hand doctor will always have an idea that how many patients will be in queue and give him direct liaison with the patient sitting outside.

The need of queue management system is evident in hospital from the fact of lack of proper mechanism of patient queue management at OPD's, human resource deficiency and non-functional equipment. The Implementation of Queue Management System will provide and streamline Patient Queue Management at OPD with Ticket Generation and Display of Numbers on the counters. This will help in maintaining the queue on First IN First OUT (FIFO) basis. The system will also provide the information counter to the general public to educate them in the use of queue management system and short description of the process. After implementation of this system, the incoming patient will be guided in a manner to get the service on his turn without any dependency or interference of an external resource. All will be handled in an automated way with patient are being served at their turn.

The system manages the patients load, organizes the patient's queues in an adequate manner and gives them the ease in waiting area; and they will be examined gracefully by doctors at their turn. Basic information of the patient is also linked with its ticket, being taken at the first counter. This will help established a unique ID against each patient. This will also lead to the establishment of Electronic

Medical Record. The Process flow of Queue Management System at DHQ is given as follows:

There are 35 counters at DHQ level including basic registration counter, triage counter, consultant office and hospital pharmacy. There is one ticketing machine with a bifurcation of male, female and old age person. The ticket will be issued to the relevant category accordingly. After receiving the ticket the said number will be blinked on male, female and old age counter. The person will move to that counter where he will be asked about his basic details which will be entered in the basic registration form software linked with QMS and that specific token / ticket number. He will also be asked about the disease and accordingly the relevant consultant / specialty area e.g. pediatrics, ophthalmology etc. after registering, he will take the printout and give the slip to patient / attendant along with its token number.

The basic fee of OPD will be received at the registration counter and accounted for in the basic registration software linked with QMS. The same token number will be displayed on the triage counter where his vitals will be taken and written on the same registration slip available with the patient. Now, keeping in view the specialty area the token number will be displayed on the relevant consultant office and he will be checked by relevant consultant. The consultant than diagnosed the medicine or either to admit it after his examination. In case of medicine he will be sent to hospital pharmacy where again the same ticket number will be displayed. There have to be an option available with the doctor to either redirect him to the hospital pharmacy or other (medical tests, referred to IPD). On displaying the same token number at pharmacy counter the patient will move to pharmacy counter along with his token number and registration slip and take prescribed medicine. Patient will be disposed from that window and process of QMS will be completed. There will be no entry in the basic registration software on the counters of triage, doctor at the moment.

The same process described above for DHQ will be implemented for THQ but with lesser number of counters i.e. 25. The important constraints for the systems are:

1. Same token number will be used at all the counters and patient will be getting the ticket from ticketing machine only once at the time of entry.
2. QMS will cater for missed, skipped or delayed patient at any counter.

3. There will be two LED displayed at different location in the waiting area to guide patients about the process details and to display token number along with announcement in URDU.
4. The gap between each display panel from ticketing machine to pharmacy can be customized according to requirement e.g. 5, 10, 30, 60 seconds etc.

5.7.2 Public Address System

Hospital Staff / Patients / Public Address System at Hospitals is a mandatory part of any hospitals facility following the international standards. The system is required to serve the multipurpose of announcing code blue (Critical Situation), making general announcement to attendants / Patients or to call patients or to transmit the fire tone under fire condition. The said system has been installed with 20 locations at hospitals with speakers and two announcement locations within the hospital. This will help in streamlining the operations of hospitals and for efficient and better service delivery and to better patient care.

5.7.3 CCTV System

Installation of network based CCTV cameras is an important module in the ICT part of revamping project. Scope of this component is to install 60 to 80 cameras in each hospitals at important location i.e. entry, exit, OPD, waiting areas, Parking for surveillance and security purposes. This will also serve as major input to the security services being provided by an outsourced security company in relevant hospitals. Moreover, there will be small scale central control room at each hospital to monitor the allocated locations where the cameras have been installed. This system will also have the facility to record the video for 15 days for all the cameras so that recording of specific duration can be produced on demand. This will also have the facility of central control room which has the capacity to access the camera of 40 hospitals and to view and monitor the area of specific camera within specific hospital at any given time. Therefore, it will establish a centralized surveillance and security mechanism for these 40 public sector healthcare facilities.

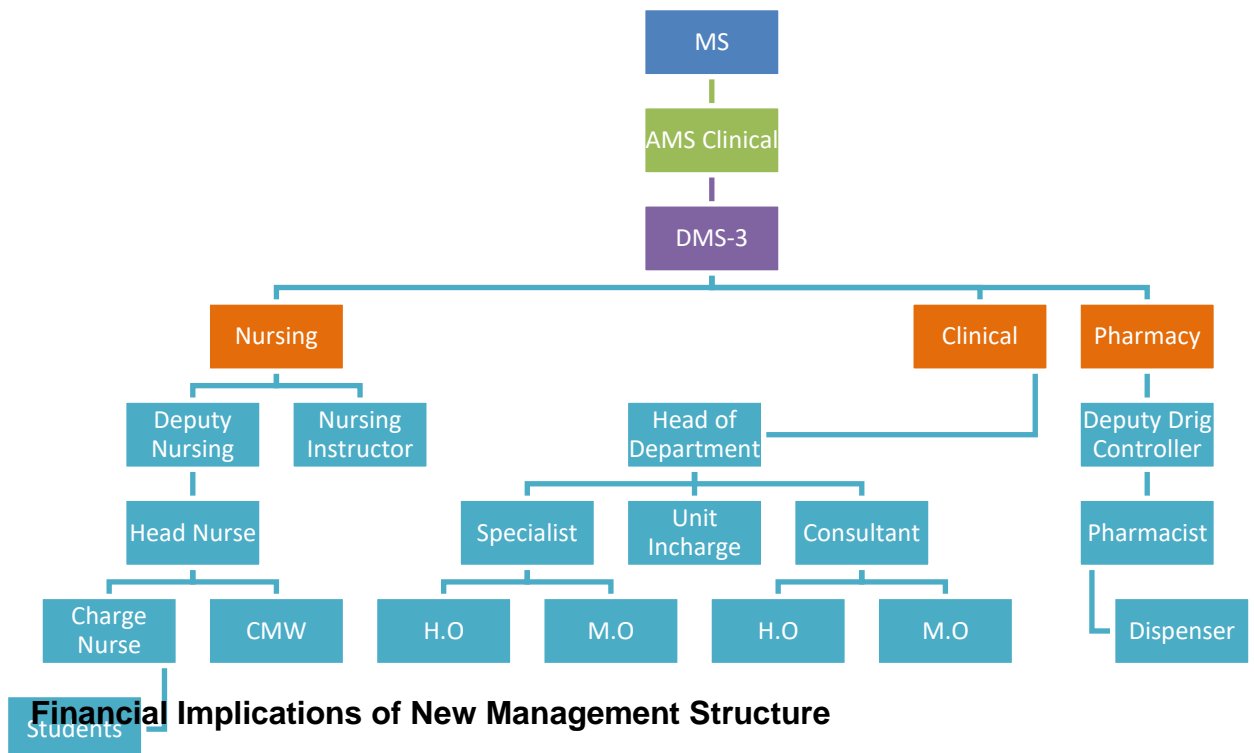
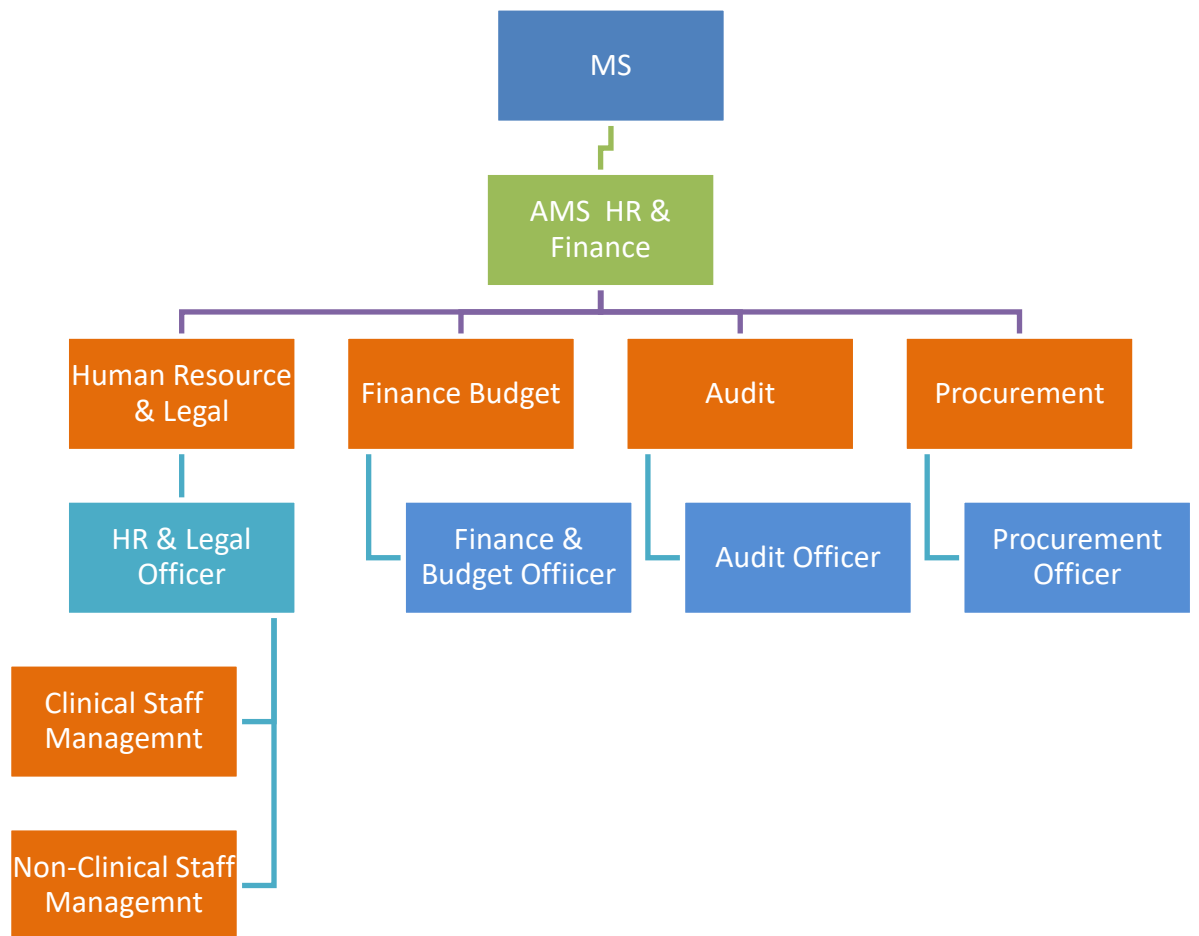
5.7.4 EMR and Networking

Establishment of network infrastructure, establishing a central data center, connectivity of different building through fiber, are also the major components of the revamping project in terms of ICT. This will including provision of networking point at all nursing stations and important areas where entries regarding patients' needs to be made e.g. Radiology/Pathology, Indoor, outdoor etc. This will serve as backbone to implement the Electronic Medical Record System in the Hospital which has the key feature of generating Unique Medical Record Number for each patient.

This MR number will serve as an identity for patients during their treatment, retrieval of records and for decision making.

EMR will also be able to log the patient for treatment being provided to him in different areas of hospital i.e. OPD, Pathology, Radiology, Surgery, Indoor, etc. and their integration. This will be achieved by entering the relevant information at each department against specific MR number of a patient in the Customized / Purpose build software (EMR) for these public healthcare facilities.

This entry of MR number against each patient in hospital will build a large database for patient and relevant diseases. This will help in analysis disease / epidemic prevention and better patient care through retrieval of patient history and proper diagnoses at physician end. Implementation of patient registration, Record keeping, physical queue management, E-prescription, supporting IT interventions for EMR and medicine dispensation.



Financial Implications of New Management Structure

The Planning & Development Board vide letter No.12(24)PO(COORD-II)P&D/2022 dated 14-07-2022 has informed that revised standard pay package were discussed and approved by the 83rd PDWP meeting held on 28-06-2022 under the chairmanship of Chairman P&D Board for all ADP funded Project posts of Department /Organizations working in Government of the Punjab:

<u>Project Pay Scale (PPS)</u>	<u>Revised Project Pay Scales (Permissible Range) (PKR)</u>	<u>Annual Increment Up to % age</u>
PPS-1	28,000 --- 44,800	10
PPS-2	35,000 --56,000	10
PPS-3	43,750 -- 70,000	10
PPS-4	52,500 -- 84,000	10
PPS-5	70,000 --112000	10
PPS-6	105,000 -- 172,200	8
PPS-7	157,500 --258,300	8
PPS-8	218,750--358,750	8
PPS-9	306,250--502,250	8
PPS-10	437,500--700,000	5
PPS-11	612,500-- 980,000	5
PPS-12	875,000 --1,400,000	5

In view of the above the Pay package of NMS staff has been revised. Financial Implications of New Management Structure Model based on revised Standard Pay Package (PPS) approved by the 83rd PDWP meeting held on 28-06-2022:

Name of Post	No. of Employees	Original Pay package approved		Revised Pay package	
		Per Month Salary	Salary for One Year	Per Month Salary	Salary for One Year
Admin Officer	1	80,000	960,000	105,000	1,260,000
Human Resource Officer	1	80,000	960,000	105,000	1,260,000
IT/Statistical Officer	1	80,000	960,000	105,000	1,260,000
Finance & Budget Officer	1	80,000	960,000	105,000	1,260,000
Procurement Officer	1	80,000	960,000	105,000	1,260,000
Quality Assurance Officer	1	80,000	960,000	105,000	1,260,000
Logistics Officer	1	80,000	960,000	105,000	1,260,000
Data Entry Operator (DEO)	2	35,000	840,000	44,000	1,056,000
Assistant admin Officer	2	50,000	1,200,000	70,000	1,680,000
Total	11	645,000	8,760,000	849,000	11,556,000

5.8.1 NON CLINICAL HR INTERVENTIONS (HUMAN RESOURCE (HR) PLAN MANAGEMENT STRUCTURE)

Institution will run under the administrative control of Medical Superintendent, who will control this with the collaboration and cooperation of 3 Additional Medical Superintendents including AMS (Admin), AMS (HR & Budget) and AMS (clinical), 3 Deputy Medical Superintendents (morning, evening and night) will be reporting to AMS Clinical. Each clinical facility will be further controlled by head of concerned department and 6 administrative posts of HR & Legal Officer, IT/Static Officer, Budget & Account Officer, Admin Officer, Procurement Officer and Audit Officer will be provided as supporting hands for AMS Admin and AMS HR & Budget for smooth execution of hospital tasks.

RESPONSIBILITIES / JOB DESCRIPTIONS, ELIGIBILITY & FINANCIAL IMPLICATIONS FOR MANAGEMENT STRUCTURE OF HOSPITAL

5.8.2.1 HR / Legal Officer

Shall be responsible for following:

1. Issuance of monthly Duty rosters & special duty rosters of Eid, Muhurram etc of all clinical & non-clinical staff in hospital
2. Issuance of Transfer/postings orders within hospital
3. Taking of joining from new incumbents and charge relieving orders of relinquishing officials
4. File maintenance of all employees of hospital
5. Record of all enquires of employees of hospital
6. Leave record of employees
7. Adjustment of officials on duty during leave of concerned employee
8. Litigation/ legal issues of hospital (shall ensure all court cases are well attended and all legal matters of hospital are well taken care of)
9. Any other HR related function assigned by MS/AMS

Eligibility Criteria

1. Minimum qualification Masters' degree in HR/ Public Administration/ MBA / Management / Administration / LLB/ M.Com or equivalent from HEC recognized University

2. Minimum 1 year post degree relevant professional experience (Additional credit may be given for hospital administration/Public sector experience of similar nature)

5.8.2.2 Finance & Budget Officer

Shall be responsible for following:

1. Handling of all financial matters of hospital
2. Petty cash handling
3. Preparation of budget
4. Budget review
5. Maintenance of accounts and record
6. Any other function assigned by AMR HR
7. & Finance/MS/P&SHD

Eligibility Criteria

1. Minimum qualification Masters' degree in Finance (MBA Finance)/ M.Com / CA Inter/ ACCA or equivalent from HEC recognized University or officer from treasury service / subordinate accounts service (Additional credit may be given to Chartered accountant / ACCA)
2. Minimum 1 year post degree experience of Finance, Accounts & Budget (Additional credit may be given for Public sector experience of similar nature)

5.8.2.3 Audit Officer

Shall be responsible for following functions:

1. Smooth conduct and completion of all types of audit in hospital
2. Pre-audit of all Payments
3. Liaison with external audit teams
4. Preparation of replies of audit paras, working paper for Department Accounts committee, Special Departmental accounts committee & Public Accounts committee meetings
5. Development of SOPs for finance, budget, procurement as per Government rules & regulations
6. Any other function assigned by AMS HR& Finance /MS/P&SHD

Eligibility Criteria

1. Minimum qualification Masters' degree in Finance/ MBA Finance / Chartered Accountant / ACCA / M.Com or equivalent from HEC recognized University.
2. Minimum 1 year post degree experience of audit (Additional credit may be given for Public sector experience of similar nature)

5.8.2.4 Procurement Officer

Shall be responsible for following functions:

1. Procurement of all kinds for hospital
2. Shall be in liaison with P&SHD for procurements being conducted
3. Any other function assigned by AMS HR& Finance /MS/P&SHD

Eligibility Criteria

1. Minimum qualification Masters' degree in Finance/ MBA Finance / BSc Engineering / Pharm D/ Economics / Statistic / M.Com or equivalent from HEC recognized University
2. 1 year post degree experience of procurement (Additional credit may be given for public sector experience of procurement)

5.8.2.5 ADMIN OFFICER AND ASSISTANT ADMIN OFFICER

Shall be responsible for general administrative affairs of hospital along with following functions:

1. Security
2. Transport
3. Parking
4. Janitorial
5. Canteen
6. External housekeeping
7. Electrical works
8. Internal housekeeping
9. Laundry
10. Stores & supplies

In case these functions have been outsourced, he shall be responsible for enforcement of these contracts and shall ensure that penalties are imposed

in case of violation of contract. In case he fails to enforce contract and the outsourced function is not performed at par as per contract and penalties have not been imposed he shall be liable for non-action. Moreover, only reporting of violation of contract shall not suffice but he has to ensure follow up till the penalty has been imposed and action as envisaged in contract in case of violation has been taken.

Eligibility Criteria (Admin Officer)

1. Minimum qualification Masters' degree in Economics/ Public Administration/ Finance/ MBA Finance / Administration / Statistic / Computer Science/M.Com / BSc Engineering/ Pharm D or equivalent from HEC recognized University
2. Minimum 1 year post degree relevant professional experience (Additional credit may be given for hospital administration/ Public sector administration of similar nature)

Eligibility Criteria (Assistant Admin Officer)

1. Minimum qualification Masters' degree in Social Sciences / Public Administration / MBA / ACMA / ACCA / Statistics/ Computer Science / M.Com / Pharm D or equivalent from HEC recognized University
2. Relevant professional experience will be preferred (Additional credit may be given for hospital administration/ Public sector administration of similar nature)

5.8.2.6 IT/STATISTICAL OFFICER

He shall be responsible for IT support for all IT interventions in the hospital.

He shall be in liaison with PITB/HISDU for proper reflection of hospital record on PITB dashboard. In case there is any discrepancy or error he shall resolve the issue. Moreover, he shall be responsible for functionality of all IT equipment.

Eligibility Criteria

1. Minimum qualification Masters' degree in Computer Science / MCS / BSCS (Hons) / MSC Statistics/ MBA / M Com / BS Engineering or equivalent from HEC recognized University

2. 1 years post degree experience of IT / Data analysis
(Additional credit may be given for similar assignment experience)

5.8.2.7 QUALITY ASSURANCE OFFICER

He shall be responsible for quality of all things in the hospital.

Eligible Criteria

1. Masters in Total Quality Management / Masters in Public Health/ Masters in Health Administration/ Masters in Hospital Management / Masters in Biochemistry / Biotechnology / Molecular Biology / Microbiology from an HEC recognized University or equivalent.

OR

16 years education along with Post graduate diploma in Total Quality Management/ Post graduate diploma in Health Safety and Environmental Management System / Post graduate diploma in Healthcare and Hospital Management / Quality Assurance or equivalent.

2. Minimum 1 year post degree relevant professional experience.

5.8.2.8 BIO-MEDICAL ENGINEER

He shall be responsible for all items of Bio-Medical and Non-Bio-Medical in the hospital.

Eligible Criteria

1. BSc Bio-Medical Engineering / BSc Electrical Engineering / BSc Electronics or equivalent from HEC recognized University.
2. Minimum 1 year post degree relevant experience. 2 year experience is preferable.

5.8.2.9 LOGISTICS OFFICER

He shall be responsible for Supply Chain, logistics, fleet, warehousing and inventory management, clearing and forwarding in the hospital.

Eligible Criteria

1. M.Sc. Supply Chain Management/ MBA or Equivalent.

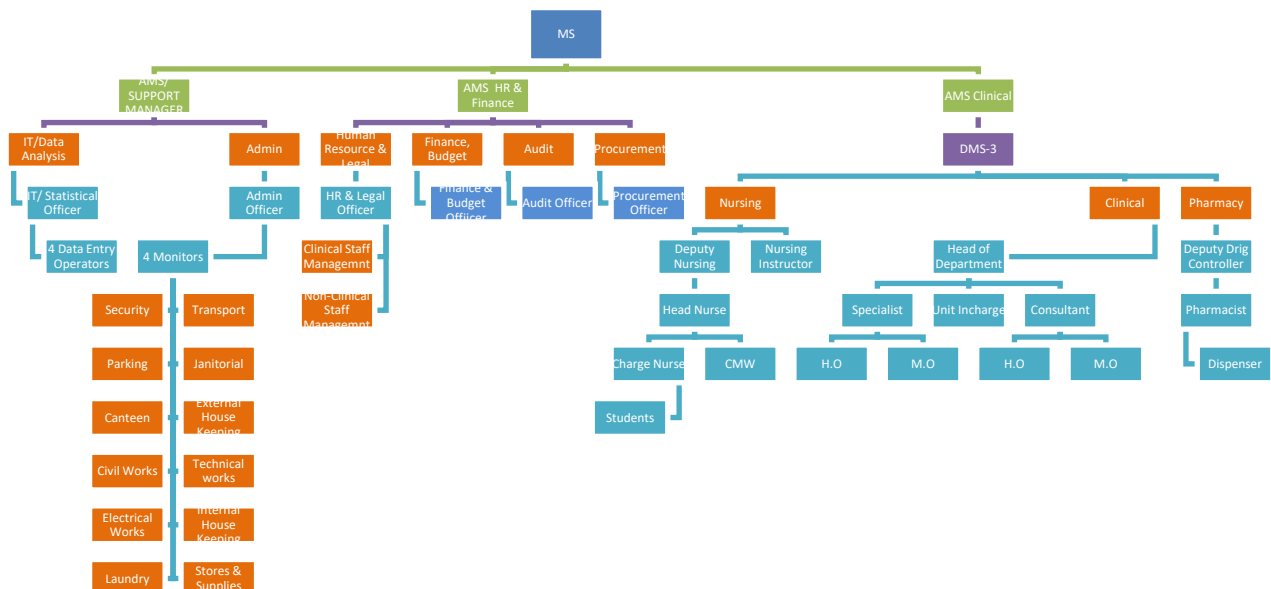
2. One year experience in Supply Chain, logistics, fleet, warehousing and inventory management, clearing and forwarding.

5.8.2.10 Data Entry Operators (DEO)

Four Data entry operators shall help IT officer in dispensation of his responsibilities.

Eligible Criteria

1. Minimum qualification BA / BSc / B.COM / BCS or equivalent from HEC recognized University. In case of BA / B.Com candidate must have six month computer course / Diploma.
2. Proficient in MS Word/ MS Excel/ MS Power point. Candidate must have typing speed of minimum 30 WPM. (additional credit may be given for additional relevant certified computer courses)
3. 1 years post degree relevant experience



Financial Implications of New Management Model

NAME OF POST	No. of Posts	Monthly Salary (PKR)	Annual Impact (PKPR)
ADMIN OFFICER	1	138,000	1,656,000
HUMAN RESOURCE OFFICER	1	138,000	1,656,000
IT/STATISTICAL OFFICER	1	138,000	1,656,000
FINANCE & BUDGET OFFICER	1	138,000	1,656,000
AUDIT OFFICER	1	138,000	1,656,000
PROCUREMENT OFFICER	1	138,000	1,656,000
DATA ENTRY OPERAOTOR (DEO)	4	228,000	2,736,000
BIOMEDICAL ENGINEER	1	138,000	1,656,000
QUALITY ASSURANCE OFFICER	1	138,000	1,656,000
LOGISTICS OFFICER	1	138,000	1,656,000
ASSISTANT ADMIN OFFICER	4	364,000	4,368,000
GRAND TOTAL	17	1,834,000	22,008,000

Project Management Unit (PMU), Primary & Secondary Healthcare Department

Government of the Punjab decided to reform primary and secondary healthcare network into a robust, proficient and vibrant delivery system. It was a landmark initiative to revamp and rehabilitate DHQ /THQ Hospitals throughout the province. Revamping of DHQ and THQ Hospitals has been a flagship program of Primary and Secondary Healthcare Department. Scope of Revamping program includes six major components like (a) Addition of human resource, (b) Rehabilitation and improvement of infrastructure, (c) Supply of missing biomedical and non-biomedical equipment; (d) Introduction of IT-based solutions, (e) Outsourcing of allied services and (f) Standardization of hospital protocols. It was realized that a dedicated Project Management Unit (PMU) to be established to undertake this ambitious revamping program, which would steer all these components towards successful service delivery meeting the quality on priority basis.

5.9 RELATIONSHIP WITH SECTORAL OBJECTIVES

The Government of the Punjab, Primary & Secondary Healthcare Department is in the process of undertaking number of initiatives to improve health care delivery system in the province. The Government of the Punjab is firmly committed to provide health care services at the doorstep of the community through integrated approach. A number of projects to improve emergency health care service particularly targeting on the promptness and quality have been initiated. Although major focus is on disease prevention and health promotion

strategies by providing specialist health care services to victims of various diseases in the patients is one of the top most priority. The instant project will be a major wing to health department with line departments.

Mainly the linkage with social welfare and human empowerment, labour and manpower, Education Department, Special Education, Home of the project will be in a vibrant environment in the holistic manner. The scope of the project itself aims to establish horizontal linkage with all the stakeholders through multi-sectorial approach. The health care facilities and ongoing services provided in the hospital will seek strength and viability from its linkage and public ownership.

5.10 PATIENT MANAGEMENT PROTOCOL

5.10.1 EMERGENCY:

1. Initial reception and computerization of data, issuance of medical record number and preparation of record file.
2. Patients seen by C.M.O. initial assessment (brief history and physical examination) is entered on the emergency slip/file initial treatment is started.
3. C.M.O calls the medical officer / house officer of the relevant department who takes on of the following action:-
 - i. Discharges the patient from emergency department after the patient is stabilized (himself or after consultation).
 - ii. Returns the patient in emergency department and inform the consultant or call such patient is either discharged after some time i.e. 2 hours of admitted later on
 - iii. Patient is straight way admitted by the medical officer himself or in consultation with the consultant
4. A separate record is maintained by each department. Each patient discusses at the morning meeting and any pitfalls are any pitfalls are corrected.
5. The patient who is admitted is again entered into the computer in the ward, complete history and physical examination is carried out and relevant lab & radiological investigations are ordered. (If not already done in the emergency department).
6. The definitive management is either started by the medical officer himself or in consultation with the consultant. (Telephone or physically). The patient is prepared for surgery if required.

7. At the evening round of the ward, the patients admitted throughout the day (Through OPD or emergency) are seen by the specialist. Appropriate changes in the management are carried out.
8. During the night, medical officer & house officer will be on duty and they will remain in contact with consultant.
9. In the morning round all the new admissions and old patients are thoroughly discussed management / treatment changed, surgery ordered or discharge ordered.
10. The discharge certificate is either prepared by the house officer or medical officer. If prepared by the house officer, it is countersigned by the medical officer

Appropriate changes are made in the computer record after discharge. The file is sent to the central record.

5.10.2 O.P.D:

1. After the initial registration and issuance of computerized number patient is sent to the relevant medical officer with the OPD slip/file.
2. The medical officer / house officer of the relevant department performs the initial assessment. The medical officer himself advises the treatment / investigation or refers the patients to the specialist or admits the patient.
3. After admission. The same routine is followed which has been mentioned in the case of admission through emergency.

5.10.3 DEATH OR END OF LIFE MANAGEMENT.

1. The decision regarding resuscitation is made at the initial stages by the medical officer / house officer or specialist in consultation with the patient himself and / attendants.
2. The DNR (Do not resuscitate) patients are only seen by the medical officer/ hose officer at the time of death.
3. For the patients to be resuscitated, a special code (blue code) is declared when patient go onto cardiac or the terminal events.
4. The policy for very sick / terminal and dying patients is formulated at the hospital administration level and appropriate modifications are decided in the relevant department for each patient.
5. Every death is discussed weekly at the mortality committee at the department and at the hospital level cleared by the Medical Superintendent.

5.10.4 INVENTORY CONTROL SYSTEM

The stock keeping and issuance of such items shall also be controlled and monitored through closer supervision and checks and balance system built in the software. The stock and expense of durable and consumable items will be kept in the system and also as hard copies. The main stores computers will be linked with the sub stores computers through networking. The areas like emergency, Outpatient department, Indoor registration desks, Laboratory and Radiology Department, ICUs, etc., will have linkages with the main and sub stores to know about:-

1. Stock in hand of various items
2. New receipt of these items
3. The items which have been issued to other departments
4. The Items which are not available
5. The expenditure incurred on the purchase.

The budget and details of account shall be linked with the financial control system.

5.10.5 PROJECT MONITORING COMMITTEE

A Project Monitoring Committee is hereby constituted as under to monitor the project regarding Revamping of Hospital.

- | | | |
|----|------------------------------|--------------------|
| 1. | DC Concerned | (Chairman) |
| 2. | DMO, Concerned | (Member) |
| 3. | Executive Engineer Buildings | (Member) |
| 4. | AC Concerned | (Member) |
| 5. | MS DHQ Hospital | (Secretary/Member) |

The committee will monitor the progress of the project and will hold regular weekly meeting to review the progress.

6. DESCRIPTION AND JUSTIFICATION OF PROJECT

6.1 JUSTIFICATION OF PROJECT

attached

6. DESCRIPTION, JUSTIFICATION AND TECHNICAL PARAMETERS

The scheme has been estimated on face of the factual basic requirements and if needed, alterations and has been quoted in this PC-1. The Population of Tehsil Burewala District Vehari is more than 0.270 million. The area of the THQ Hospital Burewala District Vehari is 393040 SFT land.

6.1 DESCRIPTION AND JUSTIFICATION

Government of the Punjab has taken a special initiative for Revamping of DHQs and THQs hospitals all over the Punjab. The instant PC-I is meant for completion of Balance work of Revamping of the said Hospital. For this purpose a block allocation of Rs.1300 million has been earmarked in ADP at G.S.No 660 during 2022-23. Hence the PC-I is submitted.

Punjab has a unique burden of disease where on the one hand preventable diseases still take a heavy toll, on the other hand, diseases which were previously believed to have had been effectively curtailed, have re-emerged. This is particularly in view of the targets set under Sustainable Development Goals (SDGs) such as the end of epidemics such as aids, tuberculosis and malaria by the year 2030, and control over hepatitis, water-borne diseases and other communicable diseases while reduction to one-third of premature mortality due to non-communicable diseases through ensuring availability of effective prevention and treatment.

Primary Health sector in the province is not in a satisfactory condition at this point in time. In order to pay better attention to the primary and secondary health department, the Government of Punjab has created a new department. Government plans to launch a major program comprising several major projects and interventions in the primary health sector with a view to carry out a 360 overhaul of the health machinery. This program will be launched in 25 DHQ hospitals and 100 THQ hospitals of the province.

Civil work revamping of all DHQ & 15 THQ Hospitals was undertaken during the FY 2016-17 through Infrastructure Development Authority Punjab (IDAP). Later on the IDAP informed that they will not be able to take the next revamping plan of DHQ/THQ Hospitals of Punjab on the grounds that it does not fall in the project role of IDAP specified in the 36th meeting of Principal Cabinet of IDAP held on 06-10-2020. Accordingly, on the basis of revised RCE of IDAP and de-scope civil work for 25 sub-schemes of all DHQ and 15 THQ Hospitals have been approved from PDWP in its meeting held on 36-03-2021 and DDSC meeting held on 29-04-2021. Sub-schemes of all DHQ & 15 THQ Hospitals were concluded.

Thereafter it was decided to complete the balance civil work of revamping through C&W Department and a block scheme titled “Balance Work of Revamping of all DHQ/15 THQ Hospitals in Punjab” was included in ADP 2021-22. Accordingly, the Rough Cost estimates of balance civil work has been got prepared from the Punjab Buildings Department for preparation of PC-Is and were approved from the DDSC. There is no change in cost of civil work component in the revised scheme of the PC-I.

JUSTIFICATION FOR REVISION OF PC-I

1. In place of the clerical positions, the Department introduced a New Management Structure (NMS), in all District and Tehsil Headquarters Hospitals. The officers/officials recruited as a part of the NMS have a minimum of 16 years of education. Introduction of New Management Structures (NMS) across all secondary hospitals in the Punjab, has allowed for the overall efficiency of District and Tehsil Headquarters Hospitals. In each Tehsil Headquarter Hospital HR under MNS has been provided for smooth running of the health services. Pay Package for NMS Staff was never been revised since 2017-18, therefore it was decided to approach the P&D Department for revision of Pay package. The PDWP approved revised pay page in its meeting held on 08-02-2022 based on PPS approved in 60th PDWP meeting as under: -

Name of Posts	60 th PDWP Meeting		
	PPS Assigned	Permissible Range (PKR) & Annual increment	Approved Pay Package
HR & Legal Officer, IT & Statistical Officer, Admin Officer, Procurement Officer, Finance & Budget Officer, Logistics Officer, Quality Assurance Officer, Audit Officer and Biomedical Engineer	PPS-6	75,000-105,000 (8% annual incr.)	75,000
Assistant Admin Officer	PPS-5	50,000-75000 (10% annual incr.)	50,000
Data Entry Operator	PPS-3	35,000-55,000 (10% annual incr.)	35,000

Now the Planning & Development Board vide letter No.12(24)PO(COORD-II)P&D/2022 dated 14-07-2022 has informed that revised standard pay package

were discussed and approved by the 83rd PDWP meeting held on 28-06-2022 under the chairmanship of Chairman P&D Board for all ADP funded Project posts of Department /Organizations working in Government of the Punjab. Therefore, the revised Pay Package has been incorporated in the revised PC-I. Due this the revenue component meant only for salaries of NMS staff has been increased.

2. As the gestation period of the PC-I till 30.06.2023, therefore, the cost of NMS has been revised for smooth running of the all DHQ /15 THQ Hospitals and hence PC-I has been proposed till 30- 06-2025.

6.1.2 DHQ/THQ Hospitals covered under the Project: The location map of the DHQ and THQ hospitals that will be taken up for rehabilitation in this program are

given

below

PROJECT MANAGEMENT UNIT
PRIMARY & SECONDARY HEALTHCARE DEPARTMENT



LOCATION OF DHQ AND THQ HOSPITALS IN PUNJAB



The names of the DHQ and THQ hospitals that will be taken up for completion of balance work of in this program are given below:

- 1 DHQ Hospital Attock
- 2 DHQ Hospital Bahawalnagar
- 3 DHQ Hospital Bhakhar
- 4 DHQ Hospital Chakwal
- 5 DHQ Hospital Chiniot
- 6 DHQ Hospital Hafizabad
- 7 DHQ Hospital Jhang
- 8 DHQ Hospital Jhelum
- 9 DHQ Hospital Kasur
- 10 DHQ Hospital Khanewal
- 11 DHQ Hospital Khushab
- 12 DHQ Hospital Layyah
- 13 DHQ Hospital Lodhran
- 14 DHQ Hospital MBD
- 15 DHQ Hospital Mianwali
- 16 DHQ Hospital Muzaffargarh
- 17 DHQ Hospital Nankana Sahib
- 18 DHQ Hospital Narowal
- 19 DHQ Hospital Okara
- 20 DHQ Hospital Okara South City
- 21 DHQ Hospital Pakpattan
- 22 DHQ Hospital Rajanpur
- 23 DHQ Hospital Sheikhpura
- 24 DHQ Hospital T T Singh
- 25 DHQ Hospital Vehari
- 26 THQ Hospital Ahmedpur East District Bhahawalpur
- 27 THQ Hospital Arifwala District Pakpattan
- 28 THQ Hospital Burewala District Vehari
- 29 THQ Hospital Chichawatni District Sahiwal
- 30 THQ Hospital Chistian District Bhahawalnagar
- 31 THQ Hospital Daska District Sialkot
- 32 THQ Hospital Esa Khel District Mianwali
- 33 THQ Hospital Gojra District Toba Tek Singh
- 34 THQ Hospital Hazro District Attock
- 35 THQ Hospital Kamokee District Gujranwala
- 36 THQ Hospital Kot Addu District Muzaffargarh
- 37 THQ Hospital Mian Channu District Khanewal
- 38 THQ Hospital Noorpur Thal District Khushab
- 39 THQ Hospital Shujabad District Multan
- 40 THQ Hospital Taunsa District Dera Ghazi Khan

6.2 SECTORAL SPECIFIC INFORMATION

Social Sectors, Health Department

7. CAPITAL COST ESTIMATES

Financial Components: Revenue
Cost Center:OTHERS- (OTHERS)
Fund Center (Controlling):N/A

Grant Number:Development - (PC22036)
LO NO:LO21010549
A/C To be Credited:Assan Assignment

PKR Million

Sr #	Object Code	2021-2022		2022-2023		2023-2024		2024-2025	
		Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign
1	A05270-To Others	0.000	0.000	25.290	0.000	10.000	0.000	10.000	0.000
Total		0.000	0.000	25.290	0.000	10.000	0.000	10.000	0.000

Financial Components: Capital
Cost Center:OTHERS- (OTHERS)
Fund Center (Controlling):N/A

Grant Number:Government Buildings - (PC12042)
LO NO:LO21010734
A/C To be Credited:Assan Assignment

PKR Million

Sr #	Object Code	2021-2022		2022-2023		2023-2024		2024-2025	
		Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign
1	A12403-Other Buildings	0.000	0.000	54.118	0.000	50.000	0.000	0.000	0.000
Total		0.000	0.000	54.118	0.000	50.000	0.000	0.000	0.000

Abstract of Cost

Balance work of revamping of THQ Burewala

Scope of work	Original Cost			Amended Cost			1st Revised		
	Capital	Revenue	Total	Capital	Revenue	Total	Capital	Revenue	Total
Capital component									
Internal Development	29.116	0.000	29.116	66.951	0.000	66.951	49.605	0.000	49.605
External Development	55.368	0.000	55.368	40.757	0.000	40.757	51.434	0.000	51.434
Water filtration plant	6.238	0.000	6.238	2.940	0.000	2.940	3.079	0.000	3.079
Total Capital Component	90.722	0.000	90.722	110.648	0.000	110.648	104.118	0.000	104.118
Revenue component									
Human resource (HR) plan	0.000	17.520	17.520	0.000	17.520	17.520	0.000	36.290	36.290
Electrical Component	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.000	9.000
Total Revenue component	0.000	17.520	17.520	0.000	17.520	17.520	0.000	45.290	45.290
Total	90.722	17.520	108.242	110.648	17.520	128.168	104.118	45.290	149.408
Grand Total	90.722	17.520	108.242	110.648	17.520	128.168	104.118	45.290	149.408

Human Resource Model of THQ Hospital

	Original				1st Revised				
NAME OF POST	No. of Employees	Per Month Salary	Per Month Salary for all Person	Salary for Two Years	No. of Employees	Project Pay Scale	Per Month Salary	Per Month Salary for all	Salary for Two Years
ADMIN OFFICER	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
HUMAN RESOURCE/LEGAL OFFICER	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
IT/STATISTICAL OFFICER	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
FINANCE & BUDGET OFFICER	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
PROCUREMENT OFFICER	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
DATA ENTRY OPERAOTOR (DEO)	2	35,000	70,000	1,680,000	2	3	44,000	88,000	2,728,000
QUALITY ASSURANCE OFFICER	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
LOGISTICS OFFICER	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
ASSISTANT ADMIN OFFICER	2	50,000	100,000	2,400,000	2	5	70,000	140,000	4,340,000
Sub Total of HR Model	11		730,000	17,520,000	11	50	849,000	963,000	29,853,000
				17.520					29.853
Utilization of HR Component				6.437					
									36.290

Electricity							
		Original			1st Revised		
Sr. No	Item Description	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
1	200 KVA Generator	0	5,500,000	-	1	9,000,000	9,000,000
				-			9,000,000.000
				-			9.00

1. **Building:** Renovation of existing building will be required. In this regard an estimates has been prepared from the Punjab Buildings department (C&W Department) and attached with the PC-I.
2. **Human resource:** Human resource is required for implementation of project – Provision of salaries of staff of New Management Structure (NMS) working in the said hospital till the vacation of stay by the honorable Lahore High Court, Lahore and completion of conversion of these posts to non-development mode.



BUILDINGS DIVISION
VEHARI

REVISED ROUGH COST ESTIMATE BASED
ON DETAILED ESTIMATE FOR BALANCE
WORK OF REVAMPING OF THQ
HOSPITAL BUREWALA.

ESTIMATED COST: Rs:

104.118 (M)
~~137.478 (M)~~
137.658 (M)

BUILDINGS SUB DIVISION
BUREWALA

REVISED ROUGH COST ESTIMATE FOR WORK "BALANCE WORK OF REVAMPING OF DHQ / 15-THQ HOSPITAL IN PUNJAB ONE AT BALANCE OF REVAMPING OF THQ HOSPITAL BUREWALA DISTRICT VEHARI. (ADP NO.660/2022-23)

HISTORY:

The Rough Cost Estimate for the Scheme was Administratively Approved by Secretary Govt. of Punjab P&SHC, Lahore Vide No. PO(D-II)Revamping/P-I/2021(Vol-I), Dated: 03-02-2022 for amount of **Rs. 110.648 (M)**. The work was awarded to the contractor after observing all Legal/Codal formalities who started work at site. It is stated that the public sector Engineering Department have indicated risk of delays in completion of on-going schemes due to abnormal price hike of construction materials and proposed to devise a mechanism of timely payment of price variation as per Clause-55 of contract agreement. Series of Consultative sessions were held at P&D Board to reach unanimous mechanism. Accordingly, it is considered Appropriate that Ten (10) percent cushion may be allowed for Price variation PC-Is of on-going schemes through issuance of Revised Administrative Approval vide Government of the Punjab (Infrastructure Development Wing) Planning & Development Board letter No. 594/AC(Tech)P&D/2022-23, Dated 09-09-2022. Hence the revised estimate amounting to Rs. **121.608 (M)** was submitted to Secretary Govt of Punjab P&HSD Lahore vide Chief Engineer South Zone Punjab Buildings Department Lahore Memo No. 79-Dev/2014/2383/dev dated 13-10-2022 for arranging Revised administrative Approval

The Project Manager (Civil) PMU P&SHD has desired to prepare the Revised Rough Cost Estimate on Detail basis at as per actual site requirements vide memo no. PMU(P&SHD)/2022/0579 dated 12-12-2022.

In the light of the above narrated reasons the Revised Rough Cost Estimate based on detailed estimate included the cost of Price Variation has been prepared amounting to ^{137.473 (M)} **Rs. 104.118 (M)** on the basis of **MRS 1st Bi-Annual 2022** and being submitted for arranging Revised Administrative Approval and funds from the competent authority please.

DESIGN/SCOPE OF WORK.

It provides the following:-

1. Revamping of 30-Bed Female Ward
2. Revamping of Eye Ward
3. Construction of Boundary Wall with Gate Pillar & Razor Cut Wire
4. Provision of Water Supply, Sewerage & Tuff Tile
5. Provision of ½ Cusic Turbine i/c Pumping Chamber & OHR 20000 Gallon Capacity
6. Electrification, Electric Room and Distribution Panel
7. Paint Work
8. Construction of Water Filtration Plant

SPECIFICATIONS:

Standard Specification of Punjab Buildings Department have been followed for preparation of this Estimate and the same will be adopted during the execution of work and to the entire satisfaction of the Engineer Incharge.

RATES:


Rates provided in this Estimate are based on the MRS, notified by the Finance Department, Government of the Punjab on website for District Vehari MRS 1st Bi-Annual 2022 and Non-Standardized items has been taken as per current / prevailing market rates.

COST:

~~137.473~~ 104.118
Rs: 137.658 (Million)

TIME:

Work will be completed within the stipulated period.


Sub Divisional Officer
Buildings Sub Division
Burewala


Executive Engineer
Buildings Division
Vehari



Primary & Secondary
Healthcare Department

GOVERNMENT OF THE PUNJAB
Dated Lahore the 03-07-2022

ORDER

No.PO(D-II)Revamping/P-I/2021(Vol-I): In supersession of this Department's order of even number, as per instructions issued by Planning & Development Board vide letter No.7(78)/PO(PB)/P&D/2021, dated 17.12.2021, the Governor of the Punjab is pleased to accord amended Administrative Approval of 01 sub- scheme titled "Balance work of Revamping of THQ Hospital Burewala, District Vehari" under the block scheme titled "Balance Work of Revamping of all DHQ / 15 THQ Hospitals In Punjab" GS No. 1013 of ADP 2021-22 at a cost of Rs. 128.168-million (Rupees One Hundred Twenty Eight Million and One Hundred Sixty Eight Thousand Only), with already approved scope and gestation period upto 30-06-2023:

2. The expenditure involved will be debitale under the following heads of account:

Capital Component (Rs. 110.648-million)	Grant No.12042 (042) Government Buildings 04-Economic Affairs-045 Construction and Transport -0457 Construction (Works) 045702-Buildings and structures
Revenue Component (Rs. 17.520-million)	Grant No. PC22036(036)-Development-07-Health 073-Hospital Services 0731-General Hospital Services 073101-General Hospital Services

(IMRAN SIKANDAR BALOCH)
SECRETARY P&SH DEPARTMENT

NO. & DATE EVEN:

A copy is forwarded for information and necessary action to the:-

1. Accountant General, Punjab, Lahore.
2. Chief (Health-II), Planning & Development Department, Lahore.
3. Director General Health Services, Punjab, Lahore.
4. Chief Engineer (South Zone), Buildings Department, Lahore.
5. Project Director, Project Management Unit, P&SH Department.
6. District Accounts Officer, Vehari.
7. Chief Executive Officer, District Health Authority, District Vehari.
8. Executive Engineer, Buildings Division, District Vehari.
9. Section Officer (Health-I), Finance Department.
10. Budget Officer-I & III, Finance Department.
11. Planning Officer (ADP & D-IV), P&SH Department.
12. PS to Secretary, P&SH Department.
13. PA to Special Secretary (Development), P&SH Department.
14. PA to Additional Secretary (Dev. & Fin.), P&SH Department.
15. PA to Additional Secretary (Dev. & Coord.), P&SH Department.

PLANNING OFFICER (D-II)

From

The Chief Engineer,
Punjab Buildings Department,
South Zone, Lahore.

To

The Secretary,
Government of the Punjab,
Primary & Secondary Healthcare Department,
Lahore.

Memo No.79-Dev/2014/

/Dev. Dated 10.10.2022

Subject:

**REVISED ROUGH COST ESTIMATE FOR THE SCHEME
"BALANCE WORK OF REVAMPING OF ALL DHQ /15-THQ
HOSPITAL IN PUNJAB ONE AT THQ HOSPITAL BUREWALA
DISTRICT VEHARI" ADP NO.660 FOR THE YEAR 2022-23.**

Please find enclosed copy of Revised Rough Cost Estimate amounting to Rs.121.608(M) duly vetted by the Chief Engineer, subject to conditions laid down in P&D Board notification No.594/AC(Tech)P&D/2023 dated 09.09.2022, for arranging Revised Administrative Approval.

The Revised Rough Cost Estimate has been prepared on the basis of rates meant for 1st Bi-annual 2022.

DA/As Above.

DEPUTY DIRECTOR-II
for Chief Engineer, South Zone,
Punjab Buildings Department, Lahore.

Endst: No.

2382-84

/Dev. Dated 13.10.2022.

A copy is forwarded for information to:-

- 1 The Superintending Engineer, Buildings, Circle, Multan for information with reference to his letter No.2395/DB, dated 01.10.2022.
- 2 The Executive Engineer, Buildings Division, Vehari.
- 3 The Chief Draftsman (Local).

DA/Nil.

[Signature]
DEPUTY DIRECTOR-II
for Chief Engineer, South Zone,
Punjab Buildings Department, Lahore.

REVISED, ROUGH COST ESTIMATE ON DETAILED BASED FOR BALANCE WORK OF REVAMPING OF THQ HOSPITAL BUREWALA (ADP G.S. NO. 660/2022-23)
 Administrative Approval issued by the Secretary Govt. of Punjab P&SHC, Lahore Vide No. P.O.D-19/Revamping-P-4/2021(Vol-II), Dated: 03-02-2022 for amount of Rs. 110,648 (Ru).

GENERAL ABSTRACT OF COST

Sl. No.	Particulars	Unit	Qty	Rate	Amount	Material	Labour	Overhead	Total	Remarks	Date
1	Revamping of 30-Beds Female Ward at THQ Burewala.	Job	1	13587916	P.Job	13587916					Based of MRS 1st BJ-2022
2	Revamping of Eye Ward at THQ Burewala.	Job	1	11943466	P.Job	11943466					
3	Revamping of Gyna Ward at THQ Burewala.	Job	1	13569858	P.Job	13569858					
4	Construction of Boundary Wall With Gate & Gate Pillars & Razor cut Wire.	Rt	1	10625259	P.Rt	10625259					
5	Provision of Water Supply, Sewerage, T&E Tls	Job	1	12376316	P.Job	12376316					
6	Provision of 1/2 cucc Turbine in Boring & Lowering and Pumping chamber & OH&I 20000 Gallon capacity	Job	1	11303425	P.Job	11303425					
7	Electrification, Electric Room and Distribution Panel & Street Light pole.	Job	1	25333231	P.Job	25333231					
8	Paint Work & Water Repression Plant	Job	1	2517019	P.Job	2517019					
9	Maintenance & Repair of Road	Job	1	3128147	P.Job	3128147					

Sub Engineer
101

Sub Divisional Officer
Buildings Sub Division
Barrackpore

Executive Engineer
Buildings Division
Barrackpore
101

Superintending Engineer
Buildings Circle
Medinipur

Approved Cost = Rs. 110.648 (M)
Revised Estimate Rs. 121.608 (M)
Difference = Rs. 10.960 (M)
10.960 x 100
110.648
9.90% Excess over A.A.

As per Approved Rough Cost Estimate (A)										Amount of Work Yet to be done (B)									
Sl. No.	Particulars	Unit	Rate	Amount	Particulars	Unit	Rate	Amount	Particulars	Unit	Rate	Amount	Particulars	Unit	Rate	Amount	Particulars	Unit	Rate
1	Total			104384636	1			104384636	2			104384636	3			104384636	4		
Add 10% for Price Variation in accordance with Govt of Punjab (Infrastructure Development Wing) Planning & Development Board Letter No. 594/AC/TeCP/2022-23 dated 09-09-2022										104384636									
0					104384636				104384636				104384636				104384636		
Total										104384636									
104384636					104384636				104384636				104384636				104384636		
5219232	ADD 5% PWA Charges				5219232				5219232				5219232				5219232		
104384636	1% Horticulture Charges				104384636				104384636				104384636				104384636		
104384636	G. Total				104384636				104384636				104384636				104384636		
110.648	Say				110.648				110.648				110.648				110.648		

**MMEDNED ROUGH COST ESTIMATE ON DETAILED BASED FOR BALANCE WORK OF REVAMPING OF THQ HOSPITAL
BUREWALA.**

COMPARATIVE STATEMENT

MRS, 1ST BI-ANNUAL-2022 (01.01.2022 to 30.06.2022)

Description	Qty	Unit	As per Approved Rough Cost Estimate	As per Ammended Rough Cost Estimate	Difference		Remarks
			Amount	Amount	Excess	Saving	
Revamping of 30-Beds Female Ward at THQ Burewala.	1	Job	9168263	13587916	4419653		
Revamping of Eye Ward at THQ Burewala.	1	Job	7984120	11943466	3959346		
Revamping of Gyne Ward at THQ Burewala.	1	Job	9797886	13569858	3771972		
Construction of Boundary Wall With Gate & Gate Pillars & Razor cut Wire.	1	P.Rft	17606340	10625259		6981081	
Provision of Water Supply, Sewerage, Tuff Tile	1	Job	10796700	12376316	1579616		
Provision of 1/2 Cusec Turbine i/c Boring & Lowering and Pumping Chamber & OHR 20000 Gallon capacity.	1	Job	9494256	11303425	1809169		
Electrification, Electric Room and Distribution Panel & Street light pole.	1	Job	17131755	25333231	8201476		
Paint Work	1	Job	1246357	2517019	1270662		
Construction of Water Filtration Plant.	1	Job	2940492	3128147	187655		
Total.			84001486	104384636	25199548	0	

6

32906

3% Contingency	1680030	3053356	1373327		
5% PRA	4200074	5219232	888853		
1% Horticulture Charges.	840015	104785	177774		
G. Total.	90721605	11064774	25063250	7040830	
Say.	90.722	110.939	25.063	7.011	

110-648 cm

A.A. = Rs. 90.722 (M)
 Detailed Estimate = Rs. 110.939 (M)
 Difference = Rs. 20.217 (M)
 Excess over AA = 22.284

19.926 M

21.63% Difference

Sub Engineer

Sub Divisional Officer
 Buildings Sub Division
 Burewala

Executive Engineer
 Buildings Division
 Vehari

Superintending Engineer
 Buildings Circle
 Multan

TECHNICALLY VETTED

For Rs. 110.648 (Million)

Chief Engineer Punjab Buildings Deptt. South Zone, Lahore.

Deputy Engineer Punjab Buildings Deptt. South Zone, Lahore.

Chief Draftsman Punjab Buildings Deptt. South Zone, Lahore.

7

9	Construction of Water Filtration Plant.	1	Job	3128147	3037036		91111	
	Total.			104384637	102309631		2075006	
	3% Contingency			-	3069289	3069289		
	5% PRA			5219232	5115482		103750	
	1% Horticulture Charges.			1043846	1023096		20750	
	G. Total.			110647715	111517497	3069289	2199507	
	Say.			110.648	111.517 Rs. 423 (M)	3.069	2.200	

A.A. = Rs. 110.648 (M)
 Detailed Estimate = Rs. 111.517 (M)
 Difference = -Rs. 0.870 (M)
 Saving AA 0.207% Saving in A.A

Sub Engineer

EXECUTIVE ENGINEER
 BUILDINGS DIVISION,
 VEHARI




MINUTES OF MEETING

Communication & Works Department

4. Priority of work

- 5
- 4.1 Priority 1
3.1a, b, c.
 - 4.2 Priority 2
3.2a, b, c, d, e, f, g.
 - 4.3 Priority 3


Director Development
PMU, P & SHD


Admin Officer
THQ Hospital Burewala

Sub Engineer
Buildings Sub Division,
Burewala


Project Officer (Electrical)
PMU, P & SHD

Medical Superintendent
THQ Hospital Burewala

Executive Engineer
Buildings District,
Vehari


Director Infrastructure
PMU, P & SHD

REVISED ROUGH COST ESTIMATE BASED ON DETAILED ESTIMATE FOR BALANCE WORK OF REVAMPING OF THQ HOSPITAL BUREWALA.

COMPARATIVE STATEMENT

MRS. 1ST BI-ANNUAL-2022 (01.01.2022 to 30.06.2022)

MRS. 1ST BI-ANNUAL-2021 (01.01.2022 to 30.06.2022)

Sr. No.	Description	Qty	Unit	As per Approved Rough	Amount of Work already	As per Revised Rough Estimate			Difference		Remarks
				Cost Estimate	Allotted	Amount of Work Done	Amount of Work Yet	Total	Excess	Saving	
				Amount	Amount	Allotted	to be done / additional Scope	(8+7)			
1	2	3	4	5	6	7	8	9	10	11	12
1	Revamping of 30-Beds Female Ward at THQ Burewala.	1	Job	13587916	13587916	10923886	7243998	18167884	4579968	-	As per actual site measurement and as desired by PMU
2	Revamping of Eye Ward at THQ Burewala.	1	Job	11943466	11943466	8915660	8106660	17022320	5078854	-	--do--
3	Revamping of Gyne Ward at THQ Burewala.	1	Job	13569858	13569858	10965105	5947085	16912190	3342332	-	--do--
4	Construction of Boundary Wall With Gate & Gate Pillars & Razor cut Wire	1	P.Rft	10625259	10625259	10077486	929410	11006896	381637	-	--do--
5	Provision of Water Supply, Sewerage, Tuff Tile	1	Job	12376316	12376316	8793412	2350280	11143692	-	1232624	As per actual site measurement and as desired by PMU
6	Provision of 1/2 Cusec Turbine i/c Boring & Lowering and Pumping Chamber & OHR 20000 Gallon capacity.	1	Job	11303425	11303425	10553529	799684	11353213	49788	-	As per actual site measurement and as desired by PMU
7	Electrification, Electric Room and Distribution Panel & Street light pole.	1	Job	25333231	25333231	24345650	0	24345650	-	987581	As per actual site measurement and as desired by PMU
8	Paint Work	1	Job	2517019	2517019	2443707	0	2443707	-	73312	As per actual site measurement and as desired by PMU
9	Construction of Water Filtration Plant.	1	Job	3128147	3128147	2808202	271095	3079297	-	48850	As per actual site measurement and as desired by PMU
Total.				104384637	104384637	89826637	25648211	115474848	13432579	2342367	
D/d Cost of Old Material						-479916		-479916		479916	
Total.				104384637	104384637	89346721	25648211	114994932	13432579	2822283	

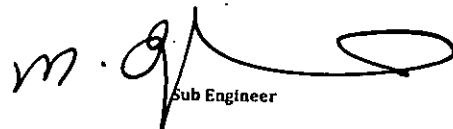
Sr. No.	Description	Qty	Unit	As per Approved Rough	Amount of Work already	As per Revised Rough Estimate			Difference		Remarks
				Cost Estimate	Allotted	Amount of Work Done / Allotted	Amount of Work Yet to be done / additional Scope	Total (8+7)			
				Amount	Amount	Amount	Amount	Amount	Excess	Saving	
	Add 10% for Price Variation in accordance with Govt of Punjab (Infrastructure Development Wing) Planning & Development Board Lahore Letter No. 594/AC(Tec)/P&O/2022-23 dated 09-09-2022						11499493	11499493	11499493		
	Total.			104384637	104384637	89346721	37147705	126494426	24932072	2822283	
	3% Contingency			-		2680402	1114431	3794833	3794833		
	5% PRA			5219232	5219232	4467336	1857385	6324721	1105489		
	1% Horticulture Charges.			1043846	1043846	1043846		1043846	0		
	G. Total.			110647715	110647715	97538305	40119521	137657826	29832394	2822283	
	Say.			110.648	110.648	97.538	40.120	137.658	29.832	2.822	

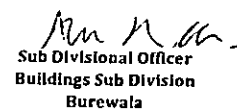
A.A. = Rs. 110.648 (M)

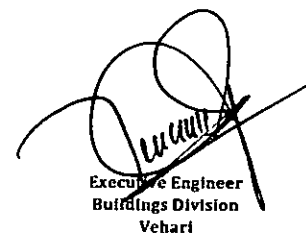
Detailed Estimate = Rs. 137.658 (M)

Difference = Rs. 27.010 (M)

24.41 % Excess over A.A.


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Burewala


Executive Engineer
Buildings Division
Vehari

SuperIntending Engineer
Buildings Circle
Multan

REVISED ROUGH COST ESTIMATE BASED ON DETAILED ESTIMATE FOR BALANCE WORK OF REVAMPING OF THQ HOSPITAL BUREWALA.

COMPARATIVE STATEMENT

MRS. 1ST BI-ANNUAL-2022 (01.01.2022 to 30.06.2022)

Sr. No.	Description	Qty	Unit	As per Approved Rough	Amount of Work already	As per Revised Rough Estimate			Difference		Remarks
				Cost Estimate	Allotted	Amount of Work Done	Amount of Work Yet to be done / additional Scope	Total (8+7)			
				Amount	Amount	Amount	Amount	Amount	Excess	Saving	
1	Revamping of 30-Beds Female Ward at THQ Burewala.	1	Job	13587915	13587916	10923886	7243998	15620145 18427884	4579566	-	As per actual site measurement and as desired by PMU
2	Revamping of Eye Ward at THQ Burewala.	1	Job	11943466	11943466	8915660	8106660	15041622 17822520	5078854	-	--do--
3	Revamping of Gyne Ward at THQ Burewala.	1	Job	13569858	13569858	10965105	5947085	14396838 16912488	3342332	-	--do--
4	Construction of Boundary Wall With Gate & Gate Pillars & Razor cut Wire	1	P.Rt	10625259	10625259	10077486	929410	11006896 ✓	381637	-	--do--
5	Provision of Water Supply, Sewerage, Tuft Tile	1	Job	12376316	12376316	8793412	2350280	9855142 11448892	-	1232624	As per actual site measurement and as desired by PMU
6	Provision of 1/2 Cusec Turbine w/c Boring & Lowering and Pumping Chamber & OHR 20000 Gallon capacity	1	Job	11303425	11303425	10553529	799684	11353213 ✓	49788	-	As per actual site measurement and as desired by PMU
7	Electrification, Electric Room and Distribution Panel & Street light pole.	1	Job	25333231	25333231	24345650	0	4049532 24345650	-	987581	As per actual site measurement and as desired by PMU
8	Paint Work	1	Job	2517019	2517019	2443707	0	2443707	-	73312	As per actual site measurement and as desired by PMU
9	Construction of Water Filtration Plant	1	Job	3128147	3128147	2808202	271095	3079297 86846392	-	48850	As per actual site measurement and as desired by PMU
Total.				104384637	104384637	89826637	25648211	1144894832 1144894832	13432579	2342367	
	D/d Cost of Old Material					-479916		-479916		479916	
Total.				104384637	104384637	89346721	25648211	1144894832 1144894832	13432579	2822283	

86366476


Sr. No.	Description	Qty	Unit	As per Approved Rough Cost Estimate	Amount of Work already Alloted	As per Revised Rough Estimate			Difference		Remarks
						Amount of Work Done /Alloted	Amount of Work Yet to be done / additional Scope	Total (8+7)			
						Amount	Amount	Amount	Excess	Saving	
	Add for Price Variation in accordance with Govt of Punjab (Infrastructure Development Wing) Planning & Development Board Lahore Letter No. 594/AC(Tec)/P&D/2022-23 dated 09-09-2022					4567885	5834878	4546718 10402763	10402763		
	Total.			104384637	104384637	93914606	31483089	125397695 1043846	23835341	2822283	
	3% Contingency			-		2817438	944493	3761931 1043846	3761931	2822283	
	5% PRA			5219232	5219232	4695730	1574154	6269885 1043846	1050653		
	1% Horticulture Charges.			1043846	1043846	1043846		909344 1043846			
	G. Total.			110647715	110647715	102471621	34001736	106473357 1043846	28647925	2822283	
	Say.			110.648	110.648	102.472	34.002	136.473	28.648	2.822	

A.A. = Rs. 110.648 (M)

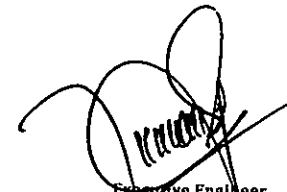
Detailed Estimate = Rs. 136.473 (M)

Difference = Rs. 25.826 (M)

23.34 % Excess over A.A.


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Burewala


Executive Engineer
Buildings Division
Vehari

Superintending Engineer
Buildings Circle
Multan

104-118

REVISED ROUGH COST ESTIMATE BASED ON DETAILED ESTIMATE FOR BALANCE WORK OF REVAMPING OF THQ HOSPITAL BUREWALA.

COMPARATIVE STATEMENT

MRS. 1ST BI-ANNUAL-2022 (01.01.2022 to 30.06.2022)

Sr. No.	Description	Qty	Unit	As per Approved Rough Cost Estimate	As per Revised Rough Estimate			Difference		Remarks
					Amount of Work already Alloted	Amount of Work Yet to be done / additional Scope	Total (8+7)			
					Amount	Amount	Amount	Excess	Saving	
1	2	3	4	5	6	7	8	9	10	11
1	Revamping of 30-Beds Female Ward at THQ Burewala.	1	Job	13587916	13587916	4579968	18167884	4579968	-	As per actual site measurement and as desired by PMU
2	Revamping of Eye Ward at THQ Burewala.	1	Job	11943466	11943466	5078854	17022320	5078854	-	--do--
3	Revamping of Gyne Ward at THQ Burewala.	1	Job	13569858	13569858	3342332	16912190	3342332	-	--do--
4	Construction of Boundary Wall With Gate & Gate Pillars & Razor cut Wire.	1	P.Rft	10625259	10625259	381637	11006896	381637	-	--do--
5	Provision of Water Supply, Sewerage, Tuff Tile	1	Job	12376316	12376316		11143692	-	1232624	As per actual site measurement and as desired by PMU
6	Provision of 1/2 Cusec Turbine i/c Boring & Lowering and Pumping Chamber & OHR 20000 Gallon capacity.	1	Job	11303425	11303425	49788	11353213	49788	-	As per actual site measurement and as desired by PMU
7	Electrification, Electric Room and Distribution Panel & Street light pole.	1	Job	25333231	25333231		24345650	-	987581	As per actual site measurement and as desired by PMU
8	Paint Work	1	Job	2517019	2517019		2443707	-	73312	--do--
9	Construction of Water Filtration Plant.	1	Job	3128147	3128147		3079297	-	48850	--do--
Total.				104384637	104384637	13432579	115474849	13432579	2342367	

REVISED ROUGH COST ESTIMATE BASED ON DETAILED ESTIMATE FOR BALANCE WORK OF REVAMPING OF THQ HOSPITAL BUREWALA.

COMPARATIVE STATEMENT

MRS. 1ST BI-ANNUAL-2022 (01.01.2022 to 30.06.2022)

Sr. No.	Description	"A" As per Approved Rough Cost				"B" As per Work allotted				"C" AS per Work yet to be done				Total (B+C)	Difference		Remarks
		Plinth area /Quantity	Rate	Unit	Amount	Plinth area /Quantity	Rate	Unit	Amount	Plinth area /Quantity	Rate	Unit	Amount		Excess	Saving	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Revamping of 30-Beds Female Ward at THQ Burewala.	1 Job	13587916	P.Job	13587916	1 Job	13587916	P.Job	13587916	1 Job	4579968	P.Job	4579968	1562045 4816789	4579968	-	As per actual site measurement and as desired by PMU
2	Revamping of Eye Ward at THQ Burewala.	1 Job	11943466	P.Job	11943466	1 Job	11943466	P.Job	11943466	1 Job	5078854	P.Job	5078854	15041622 47022320	5078854	-	-do-
3	Revamping of Gyne Ward at THQ Burewala.	1 Job	13569858	P.Job	13569858	1 Job	13569858	P.Job	13569858	1 Job	3342332	P.Job	3342332	14396838 16042190	3342332	-	-do-
4	Construction of Boundary Wall With Gate & Gate Pillars & Razor cut Wire.	1 P.Rft	10625259	P.Job	10625259	1 P.Rft	10625259	P.Job	10625259	1 P.Rft	381637	P.Job	381637	11006896 ✓ 14430992	381637	-	-do-
5	Provision of Water Supply, Sewerage, Tuff Tile	1 Job	12376316	P.Job	12376316	1 Job	12376316	P.Job	12376316	1 Job		P.Job		9855149 14430992		1232624	As per actual site measurement and as desired by PMU
6	Provision of 1/2 Cusec Turbine i/c Boring & Lowering and Pumping Chamber & OHR 20000 Gallon capacity.	1 Job	11303425	P.Job	11303425	1 Job	11303425	P.Job	11303425	1 Job	49788	P.Job	49788	11353213	49788	-	As per actual site measurement and as desired by PMU
7	Electrification. Electric Room and Distribution Panel & Street light pole.	1 Job	25333231	P.Job	25333231	1 Job	25333231	P.Job	25333231	1 Job		P.Job		449532 24945000		987581	As per actual site measurement and as desired by PMU
8	Paint Work	1 Job	2517019	P.Job	2517019	1 Job	2517019	P.Job	2517019	1 Job		P.Job		2443707		73312	-do-
9	Construction of Water Filtration Plant.	1 Job	3128147	P.Job	3128147	1 Job	3128147	P.Job	3128147	1 Job		P.Job		3079297		48850	-do-
	Total.				104384637				104384637				13432579	44647849	13432579	2342367	

86846392

Sr. No.	Description	UNIT	As per Approved Rough Cost Estimate	As per Revised Rough Estimate		Difference	Remarks
				Amount	Amount of Work Yet to be done / additional Scope		
	D/d Cost of Old Material						
	Total.		104384637	104384637	479916	479916	
	Add Price escalation				13432579	2822283	
	Total.		104384637	104384637	4567885	2822283	
	3% Contingency				18000464	2822283	
	5% PRA		5219232	5219232	3586885		
	1% Horticulture Charges.		1043846	1043846	900023	758909	
	G. Total.		110647715	110647715	18900487	22346258	
	Say.		110.648	110.648	130.172	2.822	

A.A. = Rs. 110.648 (M)
 R-B-C-E Detailed Estimate = Rs. 130.172 (M)
 Difference = Rs. 19.524 (M)
 17.65 % Excess over A.A.

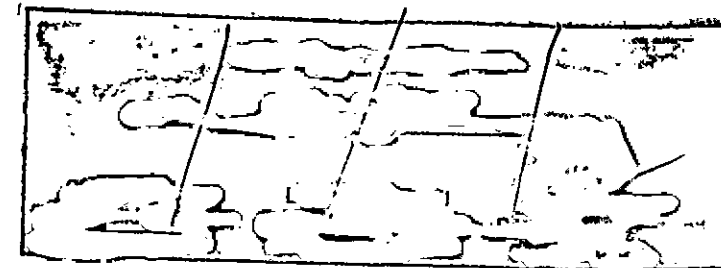
TECHNICALLY VETTED
 104.118 (M)
 For Rs. 130.172

Sub Engineer

Sub Divisional Officer
 Buildings Sub Division
 Burewala

Executive Engineer
 Buildings Division
 Vehari

Superintending Engineer
 Building Circle Multan



REVISED ROUGH COST ESTIMATE BASED ON DETAILED ESTIMATE FOR BALANCE WORK OF REVAMPING OF THQ HOSPITAL BUREWALA.

COMPARATIVE STATEMENT

MRS. 1ST BI-ANNUAL-2022 (01.01.2022 to 30.06.2022)

Sl. No.	Description	Qty.	Unit	As per Approved Rough Cost Estimate	Amount of Work already Allotted	As per Revised Rough Estimate			Difference		Remarks
				Amount	Amount	Amount of Work Done / Allotted	Amount of Work Yet to be done / Additional Scope	Total (8+7)	Excess	Saving	
				5	6	7	8	9	10	11	
1	Revamping of 30-Beds Female Ward at THQ Burewala.	1	Job	13587916	13587916	10923886	7243998	18167884	4579968	-	As per actual site measurement and as desired by PMU
2	Revamping of Eye Ward at THQ Burewala.	1	Job	11943466	11943466	8915660	8106660	17022320	5078854	-	-do-
3	Revamping of Gyne Ward at THQ Burewala.	1	Job	13569858	13569858	10965105	5947085	16912190	3342332	-	-do-
4	Construction of Boundary Wall With Gate & Gate Pillars & Razor cut Wire.	1	P.Rft	10625259	10625259	10077486	929410	11006896	381637	-	-do-
5	Provision of Water Supply, Sewerage, Tuff Tile	1	Job	12376316	12376316	8793412	2350280	11143692	-	1232624	As per actual site measurement and as desired by PMU
6	Provision of 1/2 Cusec Turbine w/ Boring & Lowering and Pumping Chamber & OHR 20000 Gallon capacity.	1	Job	11303425	11303425	10553529	799684	11353213	49788	-	As per actual site measurement and as desired by PMU
7	Electrification, Electric Room and Distribution Panel & Street light pole.	1	Job	25333231	25333231	24345650	0	24345650	-	987581	As per actual site measurement and as desired by PMU
8	Paint Work	1	Job	2517019	2517019	2443707	0	2443707	-	73312	-do-
9	Construction of Water Filtration Plant.	1	Job	3128147	3128147	2808202	271095	3079297	-	48850	-do-
Total.				104384637	104384637	89826637	25648211	115474848	13432579	2342367	
D/d Cost of Old Material						479916		479916		479916	
Total.				104384637	104384637	89346721	25648211	114994932	13432579	2822283	
Add Price escalation						4567885	5834878	10402763	10402763		
Total.				104384637	104384637	93914606	31483089	125397695	23835341	2822283	
3% Contingency						2817438	944493	3761931	3761931		
5% PRA				5219232	5219232	4695730	1574154	6269885	1050653		

**REVISED ROUGH COST ESTIMATE BASED ON DETAILED ESTIMATE FOR
BALANCE WORK OF REVAMPING OF THQ HOSPITAL BUREWALA.**

GENERAL ABSTRACT OF COST

MRS, 1ST BI-ANNUAL-2022 (01.01.2022 to 30.06.2022)

Sr. No.	Description of Items.	Amount.	Remarks
1	Revamping of 30-Beds Female Ward at THQ Burewala.	Rs. 18167884/- 15620145	Detail Attached
2	Revamping of Eye Ward at THQ Burewala.	Rs. 17022320/- 15041622	"
3	Revamping of Gyne Ward at THQ Burewala.	Rs. 16912190/- 14396838	"
4	Construction of Boundary Wall With Gate & Gate Pillars & Razor cut Wire.	Rs. 11006896 /- ✓	"
5	Provision of Water Supply, Sewerage, Tuff Tile.	Rs. 41143092/- 9855142	"
6	Provision of 1/2 Cusec Turbine i/c Boring & Lowering and Pumping Chamber & OHR 20000 Gallon capacity.	Rs. 11353213	"
7	Electrification, Electric Room and Distribution Panel.	Rs. 24345650/- 4049532 ✓	"
8	Paint Work	Rs. 2443707 /- ✓	"
9	Construction of Water Filtration Plant.	Rs. 3079297 /- ✓	"
Total.		Rs. 115474848/- 86846392	
D/d Cost of Old Material (36000+36000+36000+371916)		Rs. 479916 /-	
Total.		Rs. 114994932/- 86866476	
Add for Price Variation in accordance with Govt of Punjab (Infrastructure Development Wing) Planning & Development Board Lahore Letter No. 594/AC(Tec)/P&D/2022-23 dated 09-09-2022		Rs. 4567885/- 10402763 /-	
Total.		Rs. 125397695/- 90934361	
3% Contingency		Rs. 3761931 /-	2728031
Add 5% PRA Charges		Rs. 6269885 /-	4546718
Add 1% Horticulture Charges		Rs. 1043846 /-	909344
Add WAPDA Charges		5000000	
Total.		Rs. 136473357/- 104118454	
Say.		Rs. 104.118 (M)	
		Rs. 136.473 (M)	

Sub Divisional Officer
Buildings Sub Division
Burewala.

EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI

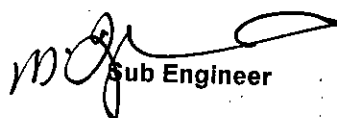
**REVISED ROUGH COST ESTIMATE BASED ON DETAILED ESTIMATE FOR BALANCE WORK
OF REVAMPING OF THQ HOSPITAL BUREWALA.**

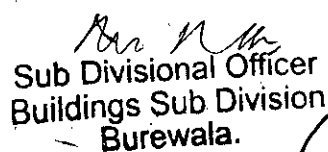
ABSTRACT

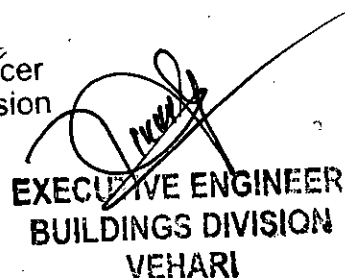
MRS. 1ST BI-ANNUAL-2022 (01.01.2022 to 30.06.2022) DISTRICT VEHARI

Sr. No.	Description of Items.	Work done/ allotted	Work yet to be allotted /additional scope	Total
1	Building Portion	8925900	4236219 6749269	13,127,430 15675169 ✓
2	Electric Installation	1602620	305178	1907798
3	Sanitary Installation	395366	189552	584917
	Total.	10923886	7243998	18167884

15620145


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Burewala.


EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI

REVISED ROUGH COST ESTIMATE BASED ON DETAILED ESTIMATE FOR BALANCE WORK OF REVAMPING OF THQ HOSPITAL BUREWALA.

DETAILED ESTIMATE FOR THE WORK REVAMPING OF 30-BEDS FEMALE WARD AT THQ BUREWALA.

DETAILED ESTIMATE FOR THE WORK REVAMPING OF 30-BEDS FEMALE WARD AT THQ BUREWALA.																			
Sr. No.	Description of Item's	Unit	As per Approved Rough Cost Estimate "A"			Amount of Work already allotted "B"			As per Revised Rough Estimate							Amount	Excess (17-9)	Saving (9-17)	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount	Work Done/allotted			Work yet to be allotted /additional scope			Total Qty (10+13)				
									Qty.	Rate	Amount	Qty.	Rate	Amount					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Dismantling glazed or encaustic tiles, etc.	%Sft	9941.23	1932.50	192114	9941.23	1932.50	192114	9941	1932.50	192114	972	1932.50	18787	10913	210901	18787	-	
2	Dismantling cement concrete 1:2:4 plain.	%Sft	640.61	9060.50	58042	640.61	9060.50	58042	641	9060.50	58042	1096	9060.50	99299	1737	157341	99299	-	
3	Dismantling cement concrete with brick aggregate.	%Sft	1183.22	2471.05	29238	1183.22	2471.05	29238	1183	2471.05	29238	0	2471.05	0	1183	29238	-	0	
4	Removing of door with chwokat	Each	10.00	362.35	3624	10.00	362.35	3624	10	362.35	3624	0	362.35	0	10	3624	-	-	
5	Removing windows and sky lights with chowkat.	Each	34.00	283.15	9627	34.00	283.15	9627	34	283.15	9627	0	283.15	0	34	9627	-	-	
6	Removing cement or lime plaster.	%SR	5477	343.20	18795	5477	343.20	18795	5477	343.20	18795	867	343.20	2974	6343	21769	2974	-	
7	Cement plaster 1:4 upto 20' (6.00 m) height-1/2" (13 mm) thick	%Sft	5477	2591.50	141923	5477	2591.50	141923	5477	2591.50	141923	867	2591.50	22457	6343	164380	22457	-	
8	P/L watering and ramming brick ballast 1-1/2" to 2" gauge mixed with 25% sand, for floor foundation complete in all respect	%Cft.	1183.22	5161.30	61069	1183.22	5161.30	61069	1183	5161.30	61069	0	5161.30	-1	1183	61068	-	0	
9	Cement concrete plain i/c placing compaction finishing and curing complete (i/c screening and washing of stone aggregate) 1:2:4.	%Cft.	640.61	28918.55	185255	640.61	28918.55	185255	641	28918.55	185255	1096	28918.55	316934	1737	502189	316934	-	
10	Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive/bond over 3/4" thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full Body Glazed Tile (iii) 600mmx 1200 mm (Page 75)	P.Sft	4318.97	461.10	1991478	4318.97	461.10	1991478	4319	461.10	1991478	803	461.10	370380	5122	2361857	370379	-	
11	Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting/dado of specified size, Color and Shade with adhesive/bond over 1/2" thick (1:2) cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full Body Glazed Tile (iii) 600mmx 1200 mm (Page 75)	P.Sft	5476.50	461.10	2525214	5476.50	461.10	2525214	5040	461.10	2324059		461.10	0	5040	2324059		201155	
12	Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy/Matt/Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1:2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge. i) 12"x18"/12"x24"/10"x24" /8"x24"/12"x36" (Page 72)	P.Sft	414	202.70	83898	414	202.70	83898	414	202.70	83898	21	202.70	4181	435	88078	4181	-	
13	Providing and laying superb quality Ceramic tiles dado of Master brand of specified size, Glossy/Matt/Texture skirting/dado of approved Color and Shade with adhesive bond over 1/2" thick (1:2) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer Incharge i) 12"x18"/12"x24"/10"x24" /8"x24"/12"x36" (Page 72)	P.Sft	1324.80	209.65	277744	1324.80	209.65	277744	1325	209.65	277744	610	209.65	127975	1935	405719	127975	-	

14	Providing and fixing false ceiling comprises of Gypsum board laminated sheet of size 2'x2'1/2'x3'1/3' of specified design and thickness i/c cost of fixtures i.e galvanized angle 1" x 1" at wall sides, galvanized tee 1 1/2" x 1" and 1 1/2" x 1" both at 4" c/c (made of Taiwan CKM or equivalent), hanging with G.I/Copper wire 16 SWG, G.I hook, Rawal Plug etc.complete in all respects as approved and directed by the Engineer Incharge. 12mm thick. (Page 68)	P.Sft	4733	89.35	422882	4733	89.35	422882	3621	89.35	323540	✓ 0	89.35	✓ 0	3621	323540		99342
15	P/ ceiling comprising of 5/8" thick plaster of paris sheet of required size in approved design with one line of 6" wide niche all around, hanging with Copper wire (16SWG) duly enriched with POP and flaxenc the cost of making space for rope light /screws/ jute/making holes for lights and rawal plugs complete in all respect as approved and directed by the Incharge.(Measurement will be made as per carpet Area).	P.Sft										938	93.20	87375	938	87375	87375	
16	P/Fixing vertical blind curtain i/c all mechanism of approved coloured and shade etc i/c fixing charges complete in all respect as approved by the Engineer incharge.	P.Sft	876.00	474.00	415224	876.00	474.00	415224	876	474.00	415224	441	474.00	209034	1317	624258	209034	
17	PVC Vynle paneling of approved colour / screws i/c at top and bottom and other fixing material and labour charges etc complete in all respect	P.Sft	6943	116.00	805400	6943	116.00	805400	4605	116.00	534229		116.00	0	4605	534229		271171
18	Providing and fixing Vin board cabinet 3/4" thick with drawers 3" deep in Kitchen including termite proofing and polishing with synthetic enamel as specified, with handles hinges,screws etc., complete in all respects. (2' deep, with back)	P.Sft	245.00	1015.40	248773	245.00	1015.40	248773	245	1015.40	248773		1015.40	0	245	248773		
19	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge. (ii) 1/2" Squar Bars (Page 208 item No.59)	P.Sft	876.00	759.90	665672	876.00	759.90	665672	760	759.90	577448	1687	759.90	1282009	2447	1859457	1193784	
20	Providing and fixing 2 mm thick Double glazed aluminium windows of anodized bronze colour partly fixed and partly sliding using deluxe section of 100mm x 40mm x2 mm using frame (70501) at bottom, (70502) at Top & Side made of Pakistan Cables/Alcop having Leaf Frame size 31mm x 60mm x2 mm (70506) at Top & Bottom, 35mm x 60mm x2 mm (70505) at center and 35mm x 60mm x2 mm(70503) at sides, fixing 5 mm thick imported tinted double glass and air tight using double tape, chemical strips, Silicon using approved latches, wheels for channel, stopper, brush channel angle joint and hardware etc. (excluding the cost of Fly Proofing). Complete in all respect as approved and directed by the Engineer Incharge. (Page 208 item No.56)	P.Sft	876.00	1336.10	1170424	876.00	1336.10	1170424	450	1336.10	600744		1336.10	0	450	600744		569680
21	Providing and fixing Aluminum Fly screen comprising of Fiber/Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer brownze Colour/powder coated of size 1-1/2"x1/2" and 1.6mm thick with rubber gasket i/c cost of Hardwares as approved and directed by the engineer in charge.complete in all respect.(Page 207 item No.53)	P.Sft	438.00	688.35	301497	438.00	688.35	301497	438	688.35	301497		688.35	0	438	301497		
22	P/F 1- 1/2" thick solid flush door comprising of 2.5mm thick Commercial ply compressed over 2.5mm thick commercial ply over 1" thick packing wood in style and rails under proper pressure i/c the cost of nails,tower bolt,handles,glue,sawing charges,Painting charges,sand paper in gaud 3/8"thick matching wooden lipping as approved and directed by the Engineer incharge.	P.Sft	245.00	453.75	111169	245.00	453.75	111169	245	453.75	111169	262	453.75	118897	507	230065	118897	

no more doors

23	Providing and fixing all types of partly fixed and partly openable glazed anodised bronze colour aluminium doors, using delux section of M/s Al-Cop or Pakistan Cables, having chowkat frame of size 40 x 100 mm (1 1/2" x 4") and leaf frame of 60x40mm (2 1/2"x1 1/4") wide sections including the cost of 1/4" (5 mm) thick imported tinted glass with aluminium triangular gola and rubber gasket to support the glass and leaf edging, using approved standard fittings, locks, 3" (75 mm) wide long handles etc., and hardware any required as approved by the engineer in-charge.	P.Sft			0			0			0	620	716.50	444391	620	444391	444391		
24	Providing and fixing floor trap of cast iron i/c concrete chamber all round and C.I grating 4"x3"	Each	11.00	514.20	5656	11.00	514.20	5656	11	514.20	5656	0	514.20	0	11	5656			
25	Providing and fixing UPVC Door 38-mm thickness i/c Delux matching color UPVC frame matt or Glossy Finish having color(white Gray Marble Gray Oak Wood Dard Oak Wood Coffee Wood Honey Pine Wood Mahogany Marry Gold Chocolate Brown Honey Dew i/c all accessories i/c locks complete in all respect as approved by the Engineer Incharge	P.Sft	175.00	750.00	131250	175.00	750.00	131250	241	750.00	180469		750.00	0	241	180469	49219		
26	Providing and fixing automatic hydraulic operated door closer imported heavy duty complete in all respect as approved and directed by the Engineer Incharge.(Page 93 item No. 67)	Each	12.00	2641.55	31699	12.00	2641.55	31699	12	2641.55	31699	0	2641.55	0	12	31699			
27	P/F fancy type internal door lock imported best quality complete in all respect and as approved by the Engineer incharge.	Each	15.00	2800.00	42000	15.00	2800.00	42000	15	2800.00	42000	0	2800.00	0	15	42000			
28	Pacca brick work in G.F 1:4 cement sand mortar	%Cft.	83.50	22710.95	18964	83.50	22710.95	18964	84	22710.95	18964	147	24280.95	35604	230	55878	36915		
29	Pacca brick work in other than building 1:4 upto 10' height.	%Cft.			0			0			0	186	23378.15	43396	186	43396	43396		
30	P/L reinforced cement concrete (i/c prestressed concrete) using coarse sand creened graded and washed aggregate in required shape and design i/c forme moulds hutting lifting compacting curing rendering and finishing exposed surface complete (but xclude the cost of steel reinforcement its fabrication and placing in position etc.RCC in roof slab beams columns lintels girders and other structural members laid in situ or precast laid in position or prestressed members cost in situ complete foundation base slab of columns and retaining wall etc ratio 1:2:4	P.Cft	5.25	471.80	2477	5.25	471.80	2477	5	471.80	2477	14	471.80	6789	20	9266	6789		
31	Cement plaster 1:4 upto 20' height 1/2" thick.	%Sft	213.63	2591.50	5536	213.63	2591.50	5536	214	2591.50	5536	0	2591.50	0	214	5536		0	
32	Fabrication of mild steel reinforcement for cement conc; i/c cutting bending laying in position making joints and fastenings for binding wire and labour charges for bending of steel reinforcement (also includes removal of rust from bars Deformed bars-40-G.	%Kg	32.37	25951.10	8401	32.37	25951.10	8401	32	25951.10	8401	6	25951.10	1462	38	9862	1461		
33	Providing and laying 3/4" thick full width Prepolished Marble slab for Vanities/Shelves/Treads/Window Cills, having Uniform texture (Spotless) with adhesive bond over 3/4" thick (1:2) cement sand mortar i/c the cost of matching sealer complete in all respects as approved and directed by the Engineer Incharge.i/cZiarat White.(Page 76 item No. 47)	P.Rft	116.00	1213.55	140772	116.00	1213.55	140772	116	1213.55	140772	35	1213.55	42590	151	183361	42590		
34	Single layer of tiles 9"x4 1/2"x1 1/2" (225x113x40 mm) laid over 4"(100 mm) earth and 1" (25 mm) mud plaster without Bhoosa, grouted with cement sand 1:3 on top of RCC roof slab, provided with 34 lbs. per %Sft. or 1.72 Kg/Sq.m bitumen coating sand blinded i/c of polythene sheet 500 guage	%Sft			0			0			0	4985	8448.20	421143	4985	421143	421143		
35	Extra for Beveling charges of marble edge in approved design complete in all respects i/c the cost of Carborandum discas approved and directed by the Engineer Incharge.(Page 76 item 48)	P.Rft	47.00	20.90	982	47.00	20.90	982	21	20.90	437	26	20.90	545	47	982			

[illegible]

42, 36, 219 13, 127, 430

Sub Divisional Officer
Buildings Sub Division
Burewala.

MRS. 1ST BI-ANNUAL-2022 (01.01.2022 to 30.06.2022)

Total	<u>10913.40</u>	Sft.	
@ 1932.50	%Sft.	Rs.	210901 /

1 x		20.000 x	46.875 x	0.125	117.19 Cft.	
1 x		36.000 x	46.875 x	0.125	210.94 Cft.	
1 x		12.625 x	19.250 x	0.125	30.38	
1 x		11.000 x	12.000 x	0.125	16.50	
2 x		12.000 x	5.000 x	0.125	15.00	
1 x		16.000 x	14.000 x	0.125	228.00 Cft.	
1 x		17.910 x	9.000 x	0.125	20.15 Cft.	
1 x		7.000 x	29.250 x	0.125	25.59	
1 x		7.000 x	87.000 x	0.125	76.13 Cft.	
1 x		10.000 x	10.000 x	0.125	12.50	
1 x		6.000 x	6.000 x	0.125	4.50 Cft.	
3 x		4.000 x	4.830 x	0.125	7.25 Cft.	
5 x		3.000 x	5.000 x	0.125	9.38 Cft.	
3 x		5.330 x	6.000 x	0.125	11.99 Cft.	
1 x		7.000 x	7.000 x	0.125	6.13 Cft.	
6 x		3.500 x	0.750 x	0.125	1.97 Cft.	
11 x		2.500 x	0.750 x	0.125	2.58 Cft.	
1 x		55.000 x	11.000 x	0.125	75.63 Cft.	
1 x		25.250 x	7.000 x	0.125	22.09 Cft.	
1 x	2.000 x(20.000 +	46.875)x	5.000 x	0.125	83.59 Cft.
1 x	2.000 x(36.000 +	46.875)x	5.000 x	0.125	103.59 Cft.
1 x	2.000 x(12.625 +	19.250)x	5.000 x	0.125	39.84
1 x	2.000 x(11.000 +	12.000)x	5.000 x	0.125	28.75
2 x	2.000 x(12.000 +	5.000)x	5.000 x	0.125	42.50
1 x	2.000 x(16.000 +	14.000)x	5.000 x	0.125	37.50 Cft.
1 x	2.000 x(17.910 +	9.000)x	5.000 x	0.125	33.64 Cft.
1 x	2.000 x(7.000 +	29.250)x	5.000 x	0.125	45.31
1 x	2.000 x(7.000 +	87.000)x	5.000 x	0.125	117.50 Cft.
1 x	2.000 x(10.000 +	10.000)x	5.000 x	0.125	25.00
1 x	2.000 x(6.000 +	6.000)x	5.000 x	0.125	15.00 Cft.
3 x	2.000 x(4.000 +	4.830)x	5.000 x	0.125	33.11 Cft.
5 x	2.000 x(3.000 +	5.000)x	5.000 x	0.125	50.00 Cft.
3 x	2.000 x(5.330 +	6.000)x	5.000 x	0.125	42.49 Cft.
1 x	2.000 x(7.000 +	7.000)x	5.000 x	0.125	17.50 Cft.
1 x	2.000 x(55.000 +	11.000)x	5.000 x	0.125	82.50 Cft.
1 x	2.000 x(25.250 +	7.000)x	5.000 x	0.125	40.31
6 x		3.500 x	0.750 x	0.125	1.97 Cft.	
11 x		2.500 x	0.750 x	0.125	2.58 Cft.	

Total	796.16 Cft.		
@ 9060.50	%Cft.	Rs.	72136 /-

3 Dismantling cement concrete with brick aggregate.					234.38 Cft.
	20.000 x	46.875 x	0.250		
1 x	36.000 x	46.875 x	0.250		421.88 Cft.
1 x	12.625 x	19.250 x	0.250		60.76
1 x	11.000 x	12.000 x	0.250		33.00
1 x	12.000 x	5.000 x	0.250		30.00
2 x	16.000 x	14.000 x	0.250		56.00 Cft.
1 x	17.910 x	9.000 x	0.250		40.30 Cft.
1 x	7.000 x	29.250 x	0.250		51.19
1 x	7.000 x	87.000 x	0.250		152.25 Cft.
1 x	10.000 x	10.000 x	0.250		25.00
1 x	6.000 x	6.000 x	0.250		9.00 Cft.
1 x	4.000 x	4.830 x	0.250		14.49 Cft.
3 x	3.000 x	5.000 x	0.250		18.75 Cft.
5 x	5.330 x	6.000 x	0.250		23.99 Cft.
3 x	7.000 x	7.000	0.250		12.25 Cft.
1 x					
Total				1183.22 Cft.	
				@ 2471.05	%Cft. Rs. 29238 /

4 Removing of door with chwokat				10 No	
1 x	10.000				
Total				10 No	
				@ 362.35	Each Rs. 3624 /-

5 Removing windows and sky lights with chowkat.				34 No	
1 x	34.000				
Total				34 No	
				@ 283.15	Each Rs. 9627 /

6 Removing cement or lime plaster.					
1 x	2.000 x(	20.000 +	46.875)x	5.000	669 Sft.
1 x	2.000 x(	36.000 +	46.875)x	5.000	829
1 x	2.000 x(	12.626 +	19.250)x	5.000	319
1 x	2.000 x(	11.000 +	12.000)x	5.000	230
2 x	2.000 x(	12.000 +	5.000)x	5.000	340
1 x	2.000 x(	16.000 +	14.000)x	5.000	300
1 x	2.000 x(	17.900 +	9.000)x	5.000	269
1 x	1.000 x(	29.250 +	34.250)x	5.000	328
1 x	2.000 x(	10.000 +	10.000)x	5.000	200.00
1 x	2.000 x(	6.000 +	6.000)x	5.000	120.00
3 x	2.000 x(	4.000 +	4.830)x	5.000	264.90
5 x	2.000 x(	3.000 +	5.000)x	5.000	400.00
3 x	2.000 x(	5.330 +	6.000)x	5.000	339.90
1 x	2.000 x(	7.000 +	7.000)x	5.000	140.00
1 x	1.000 x(	7.000 +	87+87)x	5.000	905
1 x	2.000 x(	55.000 +	11.000)x	5.000	660.00
1 x	2.000 x(	25.250 +	7.000)x	5.000	322.50
D/d	-2 x	5.000 x	5.000		-50.00 Cft.
	-6 x	3.500 x	5.000		-105.00 Cft.
	-11 x	2.500 x	5.000		-137.50 Cft.
Total				6343 Sft.	
				@ 343.20	%Sft Rs. 21769 /

7 Cement plaster 1:4 upto 20' (6.00 m) height:-1/2" (13 mm) thick					
1 x	2.000 x(	20.000 +	46.875)x	5.000	669 Sft.
1 x	2.000 x(	36.000 +	46.875)x	5.000	829
1 x	2.000 x(	12.626 +	19.250)x	5.000	319
1 x	2.000 x(	11.000 +	12.000)x	5.000	230
2 x	2.000 x(	12.000 +	5.000)x	5.000	340
1 x	2.000 x(	16.000 +	14.000)x	5.000	300
1 x	2.000 x(	17.900 +	9.000)x	5.000	269
1 x	1.000 x(	29.250 +	34.250)x	5.000	328
1 x	2.000 x(	10.000 +	10.000)x	5.000	200.00
1 x	2.000 x(	6.000 +	6.000)x	5.000	120.00
3 x	2.000 x(	4.000 +	4.830)x	5.000	264.90
5 x	2.000 x(	3.000 +	5.000)x	5.000	400.00
3 x	2.000 x(	5.330 +	6.000)x	5.000	339.90
1 x	2.000 x(	7.000 +	7.000)x	5.000	140.00
1 x	1.000 x(	7.000 +	87+87)x	5.000	905
1 x	2.000 x(	55.000 +	11.000)x	5.000	660.00
1 x	2.000 x(	25.250 +	7.000)x	5.000	322.50
D/d	-2 x	5.000 x	5.000		-50.00 Cft.
	-6 x	3.500 x	5.000		-105.00 Cft.
	-11 x	2.500 x	5.000		-137.50 Cft.
Total				6343 Sft.	
				@ 2591.50	%Sft Rs. 164380 /

8 P/L watering and ramming brick ballast 1-1/2" to 2" gauge mixed with 25% sand, for floor foundation complete in all respect.				1183.22 Cft.	
Take Qty. item No. 3				@ 5161.30	%Cft. Rs. 61069 /

Cement concrete plain i/c placing compaction finishing and curing complete i/c screening and washing of
9 stone aggregate) 1:2:4. /

Take Qty. item No. 3

796.16 Cft.
Total 796.16 Cft.
@ 28918.55 %Cft. Rs. 230237 /

10 Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive/bond over 3/4" thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full Body Glazed Tile (III) 600mmx 1200 mm (Page 75)

1 x	20.000 x	46.875	937.50 Sft.
1 x	36.000 x	46.875	1687.50 Sft.
1 x	12.625 x	19.250	243.03 Sft.
1 x	11.000 x	12.000	132.00 Sft.
2 x	12.000 x	5.000	120.00 Sft.
1 x	16.000 x	14.000	224.00 Sft.
1 x	17.910 x	9.000	161.19 Sft.
1 x	7.000 x	29.250	204.75 Sft.
1 x	7.000 x	87.000	609.00 Sft.
1 x	5.000 x	0.750	3.75 Sft.
6 x	3.500 x	0.750	15.75 Sft.
1 x	55.000 x	11.000	605.00 Sft.
1 x	25.250 x	7.000	176.75 Sft.

Total 5122 Sft.
P.
@ 461.10 Sft. Rs. 2361856 /

11 Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting/dado of specified size, Color and Shade with adhesive/bond over 1/2" thick (1:2) cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full Body Glazed Tile (III) 600mmx 1200 mm (Page 75)

1 x	2.000 x(	20.000 +	46.875)x	5.000	669 Sft.
1 x	2.000 x(	36.000 +	46.875)x	5.000	829
1 x	2.000 x(	12.625 +	19.250)x	5.000	319
1 x	2.000 x(	11.000 +	12.000)x	5.000	230
2 x	2.000 x(	12.000 +	5.000)x	5.000	340
1 x	2.000 x(	16.000 +	14.000)x	5.000	300
1 x	2.000 x(	17.900 +	9.000)x	5.000	269
1 x	1.000 x(	29.250 +	36.250)x	5.000	328
1 x	1.000 x(	7.000 +	87+87)x	5.000	905
1 x	2.000 x(	55.000 +	11.000)x	5.000	660
1 x	2.000 x(	25.250 +	7.000)x	5.000	323
D/d	-1 x	5.000 x	5.000		-25.00 Sft.
	-6 x	3.500 x	5.000		-105.00 Sft.

Total 5040 Sft.
P.
@ 461.10 Sft. Rs. 2324059 /

12 Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy/Matt/Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1:2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge. i) 12"x18"/12"x24"/10"x24" /8"x24"/12"x36" (Page 72)

1 x	10.000 x	10.000	100 Sft.
1 x	6.000 x	6.000	36 Sft.
3 x	4.000 x	4.830	58 Sft.
5 x	3.000 x	5.000	75 Sft.
3 x	5.330 x	6.000	96 Sft.
1 x	7.000 x	7.000	49 Sft.
11 x	2.500 x	0.750	21 Sft.

Total 435 Sft.
%
@ 202.70 % Rs. 88078 /

13 Providing and laying superb quality Ceramic tiles dado of Master brand of specified size, Glossy/Matt/Texture skirting/dado of approved Color and Shade with adhesive bond over 1/2" thick (1:2) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer Incharge i) 12"x18"/12"x24"/10"x24" /8"x24"/12"x36" (Page 72)

1 x	2.000 x(	10.000 +	10.000)x	7.000	280 Sft.
1 x	2.000 x(	6.000 +	6.000)x	7.000	168 Sft.
3 x	2.000 x(	4.000 +	4.830)x	7.000	371 Sft.
5 x	2.000 x(	3.000 +	5.000)x	7.000	560 Sft.
3 x	2.000 x(	5.330 +	6.000)x	7.000	476 Sft.
1 x	2.000 x(	7.000 +	7.000)x	7.000	196 Sft.
1 x	11.000 x(	7.000 +	7.000)x	0.500	77 Sft.

Total 2128 Sft.
(-) 192.50
Net 1935.22
%
@ 209.65 Sft. Rs. 405719 /

D/d 11 x 2.500 x 7.000

14 Providing and fixing false ceiling comprises of Gypsum board laminated sheet of size 2'x2'2"x3' 3"x3' of specified design and thickness i/c cost of fixtures i.e galvanized angle 1" x 1" at wall sides, galvanized tee 1 1/4" x 1" and 1 1/2" x 1" both at 4' c/c (made of Taiwan CKM or equivalent), hanging with G.I/Copper wire 16 SWG, G.I hook, Rawal Plug etc:complete in all respects as approved and directed by the Engineer incharge. 12mm thick. (Page 68)

1 x	36.000 x	46.875	1687.50 Cft.
1 x	12.000 x	19.250	231.00
1 x	12.250 x	10.910	133.65
2 x	12.000 x	3.000	72.00
1 x	8.750 x	19.500	170.63 Cft.
1 x	16.000 x	10.000	160.00 Cft.
1 x	7.000 x	4.500	31.50
3 x	4.750 x	3.000	42.75 Cft.
2 x	4.750 x	4.500	42.75
1 x	5.840 x	5.800	33.87 Cft.
4 x	6.750 x	5.000	135.00 Cft.
1 x	8.160 x	7.000	57.12 Cft.
2 x	4.850 x	3.250	31.53 Cft.
8 x	2.500 x	0.500	10.00 Cft.
1 x	55.000 x	11.000	605.00 Cft.
1 x	25.250 x	7.000	176.75 Cft.

Total 3621 Sft.

@ 89.35

P.
Sft.

Rs. 323540 /

14 P/L false ceiling comprising of 5/8" thick plaster of paris sheet of required size in approved design with one line of 6" wide nicher all around, hanging with Copper wire (16 SWG) duly enriched with POP and flaxen i/c the cost of making space for rope light/screws/jute/making holes for lights and rawal plugs complete in all respects as approved and directed by the Engineer incharge. (Measurement will be made as per carpet Area).

1 x	20.000 x	46.875	937.50 Cft.
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Total 938 Sft.

@ 93.20

P.
Sft.

Rs. 87375 /-

15 P/Fixing vertical blind curtain i/c all mechanism of approved coloured and shade etc i/c fixing charges complete in all respect as approved by the Engineer incharge.

15 x	5.000 x	7.000	525 Sft.
14 x	6.000 x	6.000	504 Sft.
8 x	6.000 x	6.000	288 Sft.

Total 1317 Sft.

@ 474.00

P.
Sft.

Rs. 624258 /

16 PVC Vinyl paneling of approved colour / screws i/c at top and bottom and other fixing material and labour charges etc complete in all respect

1 x	2.000 x(	20.000 +	46.875)x	5.500	736 Sft.
1 x	2.000 x(	36.000 +	46.875)x	5.500	912 Sft.
1 x	2.000 x(	12.000 +	19.250)x	5.500	344 Sft.
1 x	2.000 x(	11.000 +	12.000)x	5.500	253 Sft.
1 x	2.000 x(	12.000 +	3.000)x	5.500	165 Sft.
1 x	2.000 x(	16.000 +	10.000)x	5.500	286 Sft.
1 x	2.000 x(	7.000 +	5.000)x	4.125	99 Sft.
1 x	6.000 x(	4.750 +	5.000)x	4.125	241 Sft.
1 x	4.000 x(	4.750 +	4.500)x	4.125	153 Sft.
1 x	2.000 x(	5.840 +	5.840)x	4.125	96 Sft.
1 x	8.000 x(	6.750 +	5.000)x	4.125	388 Sft.
1 x	2.000 x(	55.000 +	11.000)x	4.750	627 Sft.
1 x	2.000 x(	25.250 +	7.000)x	4.750	306 Sft.

Total 4605 Sft.

@ 116.00

P.
Sft.

Rs. 534229 /-

17 Providing and fixing Vin board cabinet 3/4" thick with drawers 3" deep in Kitchen including termite proofing and polishing with synthetic enamel as specified, with handles hinges, screws etc., complete in all respects. (2' deep, with back)

5 x	7.000 x	7.000	245 Sft.
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Total 245 Sft.

@ 1015.40

P.
Sft.

Rs. 248773 /-

18 Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer incharge. (ii) 1/2" Squar Bars (Page 208 item No.59)

15 x	6.000 x	4.000	360 Sft.
4 x	4.166 x	5.500	92 Sft.
4 x	3.142 x	2.000	25 Sft.
20 x	2.000 x	2.000	80 Sft.
1 x	6.750 x	2.250	15 Sft.
1 x	9.000 x	5.000	45
1 x	9.000 x	3.500	32

1 x	7.000 x	8.000	56
1 x	8.500 x	5.000	43
20 x	6.000 x	8.500	1020
20 x	4.000 x	8.500	680

Total 2447 Sft.

@ 759.90 P. Rs. 1859457 /

19 Providing and fixing 2 mm thick Double glazed aluminium windows of anodized bronze colour partly fixed and partly sliding using deluxe section of 100mm x 40mm x2 mm using frame (70501) at bottom, (70502) at Top & Side made of Pakistan Cables/Alcop having Leaf Frame size 31mm x 60mm x2 mm (70506) at Top & Bottom, 35mm x 60mm x2 mm (70505) at center and 35mm x 60mm x2 mm (70503) at sides, fixing 5 mm thick imported tinted double glass and air tight using double tape, chemical strips, Silicon using approved latches, wheels for channel, stopper, brush channel angle joint and hardware etc. (excluding the cost of Fly Proofing). Complete in all respect as approved and directed by the Engineer Incharge. (Page 208 item No.56)

11 x	4.000 x	5.500	242 Sft.
2 x	18.250 x	5.250	192 Sft.
1 x	4.000 x	4.000	16 Sft.

Total 450 Sft.

@ 1336.10 P. Rs. 600744 /

20 Providing and fixing Aluminum Fly screen comprising of Fiber/Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer brownze Colour/powder coated of size 1-1/2"x1/2" and 1.6mm thick with rubber gasket i/c cost of Hardwares as approved and directed by the engineer in charge. complete in all respect. (Page 207 item No.53)

Take Qty Item No.19 876.00 x 0.50 438 Sft.

Total 438 Sft.

@ 688.35 P. Rs. 301497 /

21 P/F1- 1/2" thick solid flush door comprising of 2.5mm thick Commercial ply compressed over 2.5mm thick commercial ply over 1" thick packing wood in style and rails under proper pressure i/c the cost of nails, tower bolt, handles, glue, sawing charges, Painting charges, sand paper in gand 3/8" thick matching wooden lipping as approved and directed by the Engineer Incharge.

4 x	4.000 x	6.875	110 Sft.
2 x	4.250 x	6.875	58 Sft.
2 x	3.250 x	6.875	45 Sft.
7 x	2.750 x	6.875	132 Sft.
2 x	3.000 x	6.875	41 Sft.
7 x	2.500 x	6.875	120 Sft.

Total 507 Sft.

@ 453.75 P. Sft Rs. 230065 /

19 Providing and fixing all types of partly fixed and partly openable glazed anodised bronze colour aluminium doors, using delux section of M/s Al-Cop or Pakistan Cables, having chowkat frame of size 40 x 100 mm (1 1/2" x 4") and leaf frame of 60x40mm (2 1/2"x1 1/2") wide sections including the cost of 1/4" (5 mm) thick imported tinted glass with aluminium triangular gola and rubber gasket to support the glass and leaf edging, using approved standard fittings, locks, 3" (75 mm) wide long handles etc., and hardware any required as approved by the engineer in-charge.

1 x	19.000 x	10.330	196 Sft.
1 x	11.500 x	10.330	119 Sft.
1 x	20.000 x	10.330	207 Sft.
1 x	4.330 x	7.000	30 Sft.
1 x	7.000 x	9.750	68 Sft.

Total 620 Sft.

@ 716.50 P. Rs. 444391 /

22 Providing and fixing floor trap of cast iron i/c concrete chamber all reoung and C.I grating 4"x3"

1 x	11.000	11 No
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Total 11 No

@ 514.20 Each Rs. 5656 /

23 Providing and fixing UPVC Door 38-mm thickness i/c Deluex matching color UPVC frame matt or Glossy Finish having color (white Gray Marble Gray Oak Wood Dard Oak Wood Coffee Wood Honey Pine Wood Mahagony Marry Gold Chocolate Brown Honey Dew i/c all accessories i/c locks complete in all respect as approved by the Engineer Incharge

14 x	2.500 x	6.875	241 Sft.
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Total 241 Sft.

@ 750.00 P. Sft. Rs. 180469 /

24 Providing and fixing autotomatic hydraulic operated door closer imported heavy duty complete in all respect as approved and directed by the Engineer Incharge. (Page 93 item No. 67)

1 x	12.000	12 No
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@ 2641.55 Each Rs. 31699 /

25 P/F fancy type internal door lock imported best quality complete in all respect and as approved by the E.gineer incharge.

1 x 15.000

15 No
@ 2800.00 Each Rs. 42000 /

26 Pacca brick work in G.F 1:4 cement sand mortar

1 x	7.75 x	0.375 x	4.000	11.63 Cft.
3 x	2.25 x	0.375 x	2.500	6.33 Cft.
3 x	1.5 x	0.375 x	4.125	6.96
2 x	4.5 x	0.375 x	7.000	23.63 Cft.
2 x	2 x	0.375 x	2.500	3.75 Cft.
2 x	2 x	0.375 x	2.500	3.75
1 x	8 x	0.375 x	7.000	21.00
1 x	4.75 x	0.375 x	7.000	12.47 Cft.
1 x	13 x	0.563 x	1.500	10.97 Cft.
4 x	6 x	0.375 x	4.000	36.00
4 x	2 x	0.750 x	2.000	12.00 Cft.
2 x	10 x	6.500 x	0.375	48.75 Cft.
2 x	6.75 x	0.375 x	6.500	32.91

Total 230.13 Cft.

@ 24280.95 %Cft. Rs. 55878 /-

26 Pacca brick work in other than building 1:4 upto 10' height.

2 x	2.000 x	0.750 x	6.000	18.00 Cft.
1 x	4.500 x	0.750 x	7.500	25.31 Cft.
1 x	4.500 x	0.750 x	7.500	25.31
1 x	6.000 x	0.750 x	1.000	4.50 Cft.
1 x	10.000 x	0.750 x	11.000	82.50 Cft.
1 x	10.000 x	0.750 x	4.000	30.00

Total 185.63 Cft.

@ 23378.15 %Cft. Rs. 43396 /

27 P/L reinforced cement concrete (i/c prestressed concrete) using coarse sand creened graded and washed aggregate in required shape and design i/c forme moulds huttering lifting compacting curing rendering and finishing exposed surface complete (but xclude the cost of steel reinforcement its fabrication and placing in poission etc.RCC in roof slab beams columns lintels girders and other structural members laid in situ or precast laid in position or prestressed members cost in situ complete foundation base slab of columns and retaining wall etc ratio 1:2:4

1.000 x	19.50 x	1.500 x	0.250	7.31 Cft.
1.000 x	10.25 x	1.500 x	0.250	3.84
2.000 x	10.00 x	0.375 x	0.500	3.75
3.000 x	3.25 x	0.375 x	0.500	1.83
1.000 x	7.75 x	1.500 x	0.250	2.91

Total 19.64

@ 471.80 P.Cft 9266

28 Cement plaster 1:4 upto 20' height 1/2" thick.

2 x	2.00 x	7.000 x	4.000	112.00 Sft
2 x	7.00 x	3.000		42.00 Sft
2 x	2.00 x	3.000 x	3.000	36.00 Sft
3 x	7.00 x	1.125		23.63 Sft
				213.63 Sft

@ 2591.50 %Sft. 5536

29 Fabrication of mild steel reinforcement for cement conc; i/c cutting bending laying in position making joints and fastenings for binding wire and labour charges for bending of steel reinforcement (also includes removal of rust from bars Deformed bars.40-G.

38.00 Kg.
38.00 Kg.

@ 25951.10 %Kg. 9861

30 Providing and laying 3/4" thick full width Prepolished Marble slab for Vanities/Shelves/Treads/Window Cills, having Uniform texture (Spotless) with adhesive bond over 3/4" thick (1:2) cement sand mortar i/c the cost of matching sealer complete in all respects as approved and directed by the Engineer Incharge.ii) Ziarat White.(Page 76 item No. 47)

1 x	7.50 x	1.625	12.19 Rft
1 x	8.00 x	3.750	30.00 Rft
1 x	0.75 x	0.500	0.38 Rft
1 x	1.33 x	4.000	5.32 Rft
1 x	7.65 x	2.250	17.21 Rft
1 x	2.50 x	1.500	3.75 Rft
1 x	10.25 x	1.750	17.94 Rft
1 x	8.00 x	1.750	14.00 Rft
1 x	19.75 x	1.750	34.56 Rft
1 x	7.88 x	2.000	15.75 Rft
			151.10 Rft

@ 1213.55 P.Rft 183361

31

Single layer of tiles 9"x4 1/2"x1 1/2" (225x113x40 mm) laid over 4" (100 mm) earth and 1" (25 mm) mud plaster without Bhoosa, grouted with cement sand 1:3 on top of RCC roof slab, provided with 34 lbs. per %Sft. or 1.72 Kg/Sq.m bitumen coating sand blinded i/c of polythene sheet 500 guage

1 x	87.00 x	55.000	4785.00 Sft
1 x	20.00 x	10.000	200.00 Sft
			4985.00 Sft

@ 8448.20 %Sft. 421143

32

Extra for Bevelling charges of marble edge in approved design complete in all respects i/c the cost of Carborandum discs approved and directed by the Engineer Incharge. (Page 76 item 48)

5 x	7.00	35.00 Rft
4 x	3.00	12.00 Rft

47.00 Rft
@ 20.90 P.Rft 982

33 Providing and Laying Anti-microbial Floor (Gerflor Flooring), Anti-Bacterial, Anti-Static, Homogeneous, with best abrasion resistance, best indoor air quality, easy maintenance, No wax for life and high stain resistance, High performance homogeneous flooring. Resistant to main chemical products used in healthcare, Installed with Self leveling compound, complete in all respects and as approved by the Engineer Incharge.

1.000 x	19.000 x	20.000	380 Sft
Total			380.00 Sft

@ 450.00 P. Sft Rs. 171,000

34 Providing And Laying Anti-microbial wall panelling/ cladding SPM Walls Panels that Can Resists to heavy impacts, Non-porous & 100% Antibacterial material suitable for high infection risk areas. Welded joints for perfect water tightness between panels or with vinyl flooring. Resists to standard cleaning, disinfection and antiseptic products. Heavy traffic resistant. Sustainable formulation complete in all respects and as approved by the Engineer Incharge.

D/d	1 x	2.000 x (-1.000 x)	19.000 + 5.000 x	20.000 x 7.000	10.0	780 -35
Total						745.00 Sft

@ 1890.00 P. Sft Rs. 1,408,050

35 Supply and instalation of clip-in tile of specified thickness non porous aluminum false ceiling of specified size fitted with clip-in suspension system hanged on consealed T/Shiplap edge/runners @ 500 mm c/c i/c cutting charges of tiles to required size suspension rod and joints sealed with silicon if required DAMRA/Denmark as Complete In All Respect And As Approved By The Engineer Incharge b) Beveled edges & flanges 21.5 mm c) 600 mmX 600 mm

1 x	19.000 x	20.000	380.00 Cft.
Total			380 Sft.

@ 550.00 P. Sft. Rs. 209,000/-

36 Making And Fixing Stainless Steel Edge Protector 2-1/2"x2-1/2" 18-Swg I/C Fixing With Screws On Porcelain Tile Dado Corners Complete In All Respects And As Approved By The Engineer Incharge

1 x	350.000 x	5.000
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200

2250.00 Cft.	1000
Total	2250 Sft. 1000 580,000
@ 580.00	P. Sft. Rs. 1,306,000/-

13,163,430

Total Rs. 15876480/-

Rs. 36000/-

Total Rs. 45640480

D/d Cost of Old Material

13,127,430

M. G.
Sub Engineer

M. N. M.
Sub Divisional Officer
Buildings Sub Division
Burewala

[Signature]
EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI

Electric Installation (30-Beded)

Sr. No.	Description of Item's	Unit	As per Approved Rough Cost Estimate "A"			Amount of Work already allotted "B"			As per Revised Rough Estimate							Amount	Excess (17-9)	Saving (9-17)	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount	Work Done/allotted			Work yet to be allotted			Total Qty (10+13)				
									Qty.	Rate	Amount	Qty.	Rate	Amount					
I	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	S/E of PVC pipe for wiring recessed in walls, i/c inspection boxes, pull boxes, hooks, cutting jharries, and repairing surface, etc., complete with all specials i. 1/4" dia.	P.Rft	4500.00	69.40	312300	4500.00	69.40	312300	158	69.40	10965		69.40	0	158	10965	-	301335	
II	i. 1" dia.	P.Rft	3000.00	80.45	241350	3000.00	80.45	241350	332	80.45	26709		80.45	0	332	26709	-	214641	
III	i. 1-1/4" dia.	P.Rft		103.60	0		103.60	0		103.60	0	105	103.60	10878	105	10878	10878	-	
2	S/E of single core PVC insulated copper conductor cables in prelaidd PVC pipe/M.S conduit/ G.I. pipe/ wooden strip battan/wooden casing and capping/G.I. wire/trenches (Rates for cable only)250/440 volts .i) 3/0.029".	P.Rft	15000.00	20.95	314250	15000.00	20.95	314250	5345	20.95	111978		20.95	0	5345	111978	-	202272	
	ii. 7/0.029".	P.Rft	9673.00	33.00	319209	9673.00	33.00	319209	3395	33.00	112035		33.00	0	3395	112035	-	207174	
III	ii. 7/0.036".	P.Rft	6000	43.50	261000	6000	43.50	261000	533	43.50	23186		43.50	0	533	23186	-	237815	
IV	ii. 7/0.044".	P.Rft	3500	60.60	212100	3500	60.60	212100	3500	60.60	212100		60.60	0	3500	212100	-	-	
	ii. 7/0.064".	P.Rft	3000.00	140.05	420150	3000.00	140.05	420150	3000	140.05	420150		140.05	0	3000	420150	-	-	
3	P/F PVC double layer Switch kit Faceplate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schneider, screws complete as approved and directed by the Engineer Incharge (One gange Small)	Each	40.00	343.80	13752	40.00	343.80	13752	40	343.80	13752		343.80	0	40	13752	-	-	
II	—do— large size 6-gange	Each	30.00	1259.40	37782	30.00	1259.40	37782	30	1259.40	37782		1259.40	0	30	37782	-	-	
4	Providing and Fixing Floussent Tube Light (2'x2') Philips / Pak Made simple in false ceiling comprising of 4-Nos. Starters, 4-Nos. Chowkes 20 watts and 4-Nos. Tube rods 20 watts with fancy grill etc. complete in all respects as approved by the Engineer Incharge.	Each	16.00	10900.00	174400	16.00	10900.00	174400	16	10900.00	174400	27	10900.00	294300	43	468700	294300	-	
5	Providing and fixing Copper winded Exhaust fan with louver and shutter made of Pak/Younas/G.F.C. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge. 12" sweep (Page 189 item No.102)	Each	12	2201.85	26422	12	2201.85	26422	12	2201.85	26422		2201.85	0	12	26422	-	-	
6	P/F wall mounted DB (Distribution Board) made with 16SWG Sheet Recessded/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights, Thimble, Copper Comb, Wiring, Neutral & Earth Bar, Door Earthing, Digital Voltmeter, Digital Ammeter, Volt Selector Switch, Ammeter selector switch, Current Transformers and Controles Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately). (i) 20-60A (18"x24"x6") (Page 184 item No. 90)	Each	5.00	41912.65	209563	5.00	41912.65	209563	5	41912.65	209563		41912.65	0	5	209563	-	-	
7	S/o ceiling fan 56" sweep (GFC / Pak made) i/c accessories complete in all respects as approved by the Engineer Incharge.	Each	30	5500.00	165000	30	5500.00	165000	30	5500.00	165000		5500.00	0	30	165000	-	-	

8	Erection of ceiling fan alongwith regulator (all sizes), including carriage from local Railway Station/Store to site of work, electric wire/cable for suspension rod and board connection, and cutting, threading on the rod, where necessary.	Each	30	384.35	11531	30	384.35	11531	30	384.35	11531		384.35	0	30	11531			
9	Providing and Fixing of Bracket fan 18" sweep (G.F.C / Pak / Younus) with electric connection complete in all respects as approved by the Engineer Incharge.	Each	10.00	3600.00	36000	10.00	3600.00	36000	10	3600.00	36000		3600.00	0	10	36000			
10	S/E of 3/8" dia M.s bar fan hook placed at the time of casting of slab i/c sheet box 7"x4"	Each	30	368.25	11048	30	368.25	11048	30	368.25	11048		368.25	0	30	11048			
Total					2765856			2765856			1602620			305178		1907798	305178	1163236	

Sub Divisional Officer
 Buildings Sub Division
 Burewala.

EXECUTIVE ENGINEER
 BUILDINGS DIVISION
 VEHARI

- 9 S/o ceiling fan 56" sweep (GFC / Pak made) i/c accessories complete in all respects as approved by the Engineer Incharge.

30 Nos.
@ 5500.00 Each Rs. 165000 /-

- 10 Erection of ceiling fan alongwith regulator (all sizes), including carriage from local Railway Station/Store to site of work, electric wire/cable for suspension rod and board connection, and cutting, threading on the rod, where necessary.

30 Nos.
@ 384.35 Each Rs. 11531 /-

- 11 Providing and Fixing of Bracket fan 18" sweep (G.F.C / Pak / Younus) with electric connection complete in all respects as approved by the Engineer Incharge.

1 x 10.000

10 No

Total

10 No

@ 3600.00 Each Rs. 36000 /-

- 12 S/E of 3/8" dia M.s bar fan hook placed at the time of casting of slab i/c sheet box 7'x4"

1 x 30.000

30 No

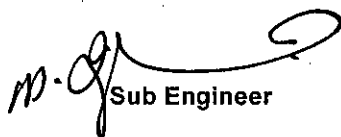
Total

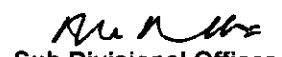
30 No

@ 368.25 Each Rs. 11043 /-

Total

Rs. 1907793 /-


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Burewala


EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI

Public Health (30-Beded)

Sr. No.	Description of Item's	Unit	As per Approved Rough Cost Estimate "A"			Amount of Work already allotted "B"			As per Revised Rough Estimate							Amount	Excess (17-9)	Saving (9-17)	Remarks
									Work Done/alltoted			Work yet to be allotted /additional scope			Total				
			Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty (10+13)				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	P/F glazed earthen ware water closet squatter type (Orisa pattern) combined with foot rest. (Coloured)	Each	11.00	2174.70	23922	11.00	2174.70	23922	9	2174.70	19572		2174.70	0	9	19572	-	4349	
2	P/F "P" trap 4" dia glazed.	Each	11.00	218.35	2402	11.00	218.35	2402	11	218.35	2402	4	218.35	873	15	3275	873	-	
3	Providing and fitting glazed earthen ware wash hand basin 22"x16" i.e. bracket set waste pipe and waste coupling etc. i) colour with pedestal.	Each	9.00	4587.90	41291	9.00	4587.90	41291	1	4587.90	4588		4587.90	0	1	4588	-	36703	
4	Providing and fitting plastic made low down flushing cistern 3 gallons capacity i.e. bracket set copper connection etc. complete (white).	Each	11.00	2379.65	26176	11.00	2379.65	26176	9	2379.65	21417		2379.65	0	9	21417	-	4759	
5	Providing and fixing CP bath Room Set made of Sonex/Master/Falsat comprising of 3-No Tee stop cocks, lever type Basin Mixer, double Bib Cock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge. (i) 3 No Tee Stop Cock (ii) Lever Type Basin Mixer (iii) Double Bib Cock (iv) Open Type Wall Shower (v) Muslim shower (vi) Waste Coupling (vii) Bottle Trap. (Page No.134)	Each	4.00	32650.85	130603	4.00	32650.85	130603	4	32650.85	130603		32650.85	0	4	130603	-	-	
6	Providing and fixing BATHROOM ACCESSORIES (7-piece set) MASTER BRAND - One Cosmetic Shelf, One Towel rod with bracket, One soap dish, One double hook, One towel ring, brush holder, toilet paper holder & looking glass i/c the cost of hardwares etc complete in all respect as approved and directed by the Engineer incharge. (Page 129)	Each	4	6600.00	26400	4	6600.00	26400	4	6600.00	26400		6600.00	0	4	26400	-	-	
7	Providing and fixing 1/2" dia Muslim Shower of Fasia / Master comprising of 1/2" dia one-meter long rubber/CP flexible pipe and hand shower set complete in all respects as approved and directed by the Engineer incharge	Each	11	2016.60	22183	11	2016.60	22183	3	2016.60	6050		2016.60	0	3	6050	-	16133	
8	P/F c.p tee stop cock 1/2".	Each	18.00	886.20	15952	18.00	886.20	15952	16	886.20	14179		886.20	0	16	14179	-	1772	
9	P/F C.P fixing mixing valve for WHB complete	Each	9.00	1977.75	17800	9.00	1977.75	17800	9	1977.75	17800		1977.75	0	9	17800	-	-	
10	P/F C.P bib cock 1/2" dia.	Each	9.00	466.20	4196	9.00	466.20	4196	9	466.20	4196	9	466.20	4196	18	8392	4196	-	
11	P/F double bib cock 1/2" dia.	Each	11.00	1681.55	18497	11.00	1681.55	18497	11	1681.55	18497		1681.55	0	11	18497	-	-	
12	P/F PVC bend 4" dia "D" Class	Each			0			0			0	26	676.55	17590	26	17590	17590	-	
13	P/F PVC socket 4" dia "D" Class	Each			0			0			0	10	449.85	4499	10	4499	4499	-	
14	Polypropylene Random Copolymer (PPRC) (Dadex Beta/ BBJ) Specials with fusion / threaded joints. P/Laying polythene pipe (Dadex/Beta/BBJ) 25-MM	P.Rft	500	46.60	23300	500	46.60	23300	43	46.60	2004		46.60	0	43	2004	-	21296	
ii	32-MM	P.Rft	800	75.20	60160	800	75.20	60160	111	75.20	8347		75.20	0	111	8347	-	51813	
15	Providing/fixing Electric water heater (Geyser) comprising of tank of 14 SWG, Gi sheet and external cover of 22 SWG MS sheet, insulated with 4" thick high density glass wool, imported thermostat i/c electric rod, safety valve (Ambassador / Canon) i/c cost of accessories & making connection complete in all respect as approved and directed by Engineer incharge. ii) 20 Gal capacity (Page 134 Item No.55)	Each	4.00	19567.80	78271	4.00	19567.80	78271	4	19567.80	78271		19567.80	0	4	78271	-	-	

16	Providing and fitting glazed earthen ware wash hand basin 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc.v) Under Counter Vanity Basin (Page No.128)	Each	2	6603.90	13208	2	6603.90	13208	2	6603.90	13208		6603.90	0	2	13208			
17	Providing, laying, cutting, jointing, testing and disinfecting pipe line in trenches with PVC/ uPVC pipes of B.S.S. with 'D' Class working pressure complete in all respects:-2" dia	P.Rft			0			0			0	276	177.15	48893	276	48893	48893		
18	Providing, laying, cutting, jointing, testing and disinfecting pipe line in trenches with PVC/ uPVC pipes of B.S.S. with 'D' Class working pressure complete in all respects:-3" dia	P.Rft			0			0			0	65	390.90	25409	65	25409	25409		
ii	Providing, laying, cutting, jointing, testing and disinfecting pipe line in trenches with PVC/ uPVC pipes of B.S.S. with 'D' Class working pressure complete in all respects:-4" dia	Each			0			0			0	134	657.40	88092	134	88092	88092		
19	Providing and fitting European Coupled set of Water Closet (WC) and flushing Cistern of PORTA brand (full size) i/c the cost of CP/rubber connection, thimble, seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge. (Page 127 item No. 3)	Each	2	13915.80	27832	2	13915.80	27832	2	13915.80	27832		13915.80	0	2	27832			
Total					532192			532192			395366			189552		584917	189552	136826	

Sub Divisional Officer
Buildings Sub Division
Burewala.

EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI

Sanitary Installation

MRS, 1ST BI-ANNUAL-2022 (01.01.2022 to 30.06.2022)

1	P/F glazed earthen ware water closet squatter type (Orisa pattern) combined with foot rest.(Coloured)	1 x 9.000	9 No			
			Total	9 No		
				@ 2174.70	Each	Rs. 19572 /-
2	P/F "P" trap 4" dia glazed.	1 x 15.000	15 No			
			Total	15 No		
				@ 218.35	Each	Rs. 3275 /-
3	Providing and fitting glazed earthen ware wash hand basin 22"x16" i.e. bracket set waste pipe and waste coupling etc. i) colour with pedestal.	1 x 1.000	1 No			
			Total	1 No		
				@ 4587.90	Each	Rs. 4588 /-
4	Providing and fitting plastic made low down flushing cistern 3 gallons capacity i.e. bracket set copper connection etc. complete (white).	1 x 9.000	9 No			
			Total	9 No		
				@ 2379.65	Each	Rs. 21417 /-
5	Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of 3-No Tee stop cocks, lever type Basin Mixer, double Bib Cock, open wall shower, Muslim shower,waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge. (i) 3 No Tee Stop Cock (ii) Lever Type Basin Mixer (iii) Double Bib Cock (iv) Open Type Wall Shower, (v) Muslim shower (vi) Waste Coupling (vii) Bottle Trap.(Page No.134)	1 x 4.000	4 No			
			Total	4 No		
				@ 32650.85	Each	Rs. 130603 /-
6	Providing and fixing BATHROOM ACCESSORIES (7-piece set) MASTER BRAND - One Cosmetic Shelf, One Towel rod with bracket, One soap dish, One double hook, One towel ring, brush holder, toilet paper holder & looking glass i/c the cost of hardwares etc. complete in all respect as approved and directed by the Engineer incharge.(Page 129)	1 x 4.000	4 No			
			Total	4 No		
				@ 6600.00	Each	Rs. 26400 /-
7	Providing and fixing 1/2" dia Muslim Shower of Faisal / Master comprising of 1/2" dia one-meter long rubber/CP flexible pipe and hand shower set complete in all respects as approved and directed by the Engineer Incharge	1 x 3.000	3 No			
			Total	3 No		
				@ 2016.60	Each	Rs. 6050 /-
8	P/F c.p tee stop cock 1/2".	1 x 16.000	16 No			
			Total	16 No		
				@ 886.20	Each	Rs. 14179 /-
9	P/F C.P fixing mixing valve for WHB complete	1 x 9.000	9 No			
			Total	9 No		
				@ 1977.75	Each	Rs. 17800 /-

- Providing, laying, cutting, jointing, testing and disinfecting pipe line in
 ii trenches with PVC/ uPVC pipes of B.S.S. with 'D' Class working pressure
 complete in all respects:-4" dia

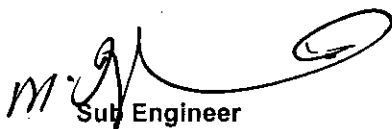
=	134	Rft	
Total	= 134	Rft	
	@ 657.40	P.Rft	Rs. 88092 /-

- 17 Providing and fitting European Coupled set of Water Closet (WC) and
 flushing Cistern of PORTA brand (full size) i/c the cost of CP/rubber
 connection, thimble, seat cover and rawal bolts complete in all respects as
 approved and directed by the Engineer Incharge. **(Page 127 item No. 3)**

2 No

Total	2 No	
	@ 13915.8 Each	Rs. 27832 /-

Total	Rs. 584917 /-
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 Sub Engineer


 Sub Divisional Officer
 Buildings Sub Division
 Burewala


EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI

**DETAILED ESTIMATE BASED ON DETAIL FOR THE WORK REVAMPING OF EYE
WARD AT THQ BUREWALA.**

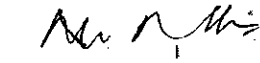
ABSTRACT

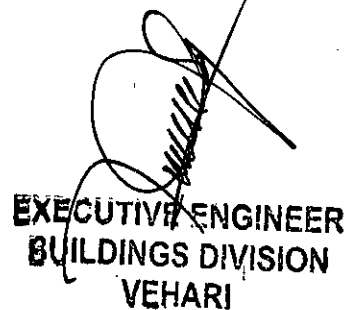
MRS. 1ST BI-ANNUAL-2022 (01.01.2022 to 30.06.2022)

Sr. No.	Description of Items.	Work done/ allotted	Work yet to be allotted /additional scope	Total
1	Building Portion	7083025	5010125 6954823	12057150 14037848
2	Electric Installation	1617437	597997	2215434
3	Sanitary Installation	215198	553840	769038
	Total.	8915660	8106660	17022320

15041622


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Burewala.


EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI

COMPARATIVE STATEMENT FOR EYE WARD

Sr. No.	Description of Item's	Unit	As per Approved Rough Cost Estimate "A"			Amount of Work already allotted "B"			As per Revised Rough Estimate							Amount	Excess (17-9)	Saving (9-17)	Remarks
									Work Done/allotted			Work yet to be allotted /additional scope			Total				
			Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty (10+13)				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Dismantling glazed or encaustic tiles, etc.	%Sft	9805.87	1932.50	189498	9805.87	1932.50	189498	8962	1932.50	173181		1932.50	0	8962	173181	-	16317	
2	Dismantling cement concrete 1:2:4 plain.	%Cft	485.02	9060.50	43945	485.02	9060.50	43945	485	9060.50	43945	323	9060.50	29299	808	73244	29299	-	
3	Dismantling cement concrete with brick aggregate.	%Cft	970.04	2471.05	23970	970.04	2471.05	23970	563	2471.05	13904		2471.05	0	563	13904	-	10066	
4	Removing of door with chwokat	Each	10.00	362.35	3624	10.00	362.35	3624	10	362.35	3624		362.35	0	10	3624	-	-	
5	Removing windows and sky lights with chowkat.	Each	34.00	283.15	9627	34.00	283.15	9627	34	283.15	9627		283.15	0	34	9627	-	-	
6	Removing cement or lime plaster.	%Sft	5623	343.20	19299	5623	343.20	19299	5623	343.20	19299	1640	343.20	5627	7263	24926	5627	-	
7	Cement plaster 1:4 upto 20' (6.00 m) height:-1/2" (13 mm) thick	%Sft	5623	2591.50	145725	5623	2591.50	145725	5623	2591.50	145725	1640	2591.50	42491	7263	188216	42491	-	
8	P/L watering and ramming brick ballast 1-1/2" to 2" gauge mixed with 25% sand, for floor foundation complete in all respect.	%Cft.	970	5161.30	50067	970	5161.30	50067	563	5161.30	29042		5161.30	0	563	29042	-	21025	
9	Cement concrete plain i/c placing compaction finishing and curing complete (i/c screening and washing of stone aggregate) 1:2:4.	%Cft.	485	28918.55	140261	485	28918.55	140261	485	28918.55	140261	323	28918.55	93514	808	233774	93514	-	
10	Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive/bond over 3/4" thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full Body Glazed Tile (iii) 600mmx 1200 mm (Page 75)	P.Sft	3804	461.10	1753986	3804	461.10	1753986	3419	461.10	1576268		461.10	-2	3419	1576268		177717	
11	Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting/dado of specified size. Color and Shade with adhesive/bond over 1/2" thick (1:2) cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full Body Glazed Tile (iii) 600mmx 1200 mm (Page 75)	P.Sft	5623	461.10	2592858	5623	461.10	2592858	4823	461.10	2224001		461.10	0	4823	2224001	-	368857	
12	Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy/Matt/Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1:2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge. i) 12"x18"/12"x24"/10"x24" /8"x24"/12"x36" (Page 72)	P.Sft	76	202.70	15456	76	202.70	15456	76	202.70	15456	137	202.70	27719	213	43175	27719	-	
13	Providing and laying superb quality Ceramic tiles dado of Master brand of specified size, Glossy/Matt/Texture skirting/dado of approved Color and Shade with adhesive bond over 1/2" thick (1:2) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer Incharge. i) 12"x18"/12"x24"/10"x24" /8"x24"/12"x36" (Page 72)	P.Sft	192.50	209.65	40358	192.50	209.65	40358	193	209.65	40358	247	209.65	51679	439	92036	51679	-	

14	Providing and fixing false ceiling comprises of Gypsum board laminated sheet of size 2'x2'/2'x3'/3'x3' of specified design and thickness i/c cost of fixtures i.e galvanized angle 1" x 1" at wall sides, galvanized tee 1 1/2" x 1" and 1 1/2" x 1" both at 4' c/c (made of Taiwan CKM or equivalent), hanging with G.I/Copper wire 16 SWG, G.I hook, Rawal Plug etc.complete in all respects as approved and directed by the Engineer Incharge. 12mm thick. (Page 68)	P.Sft	3880	89.35	346693	3880	89.35	346693	3141	89.35	280615		89.35	0	3141	280615		66078	
15	Providing and fixing mild steel chowkat of doors, windows, C.window, etc. including holdfast, making and threading holes for hinges, etc. complete:- a) M.S. angle iron 1 1/2"x 1 1/2" x 1/2" (40x40x6 mm) welded with M.S. flat 2"x 1/4" (50 mm x 6 mm)	P.Sft										680	337.95	229806	680	229806	229806		
16	P/Fixing vertical blind curtain i/c all mechanism of approved coloured and shade etc i/c fixing charges complete in all respect as approved by the Engineer Incharge.	P.Sft	876.00	474.00	415224	876.00	474.00	415224	876	474.00	415224		474.00	0	876	415224			
17	PVC Vinyl paneling of approved colour / screws i/c at top and bottom and other fixing material and labour charges etc complete in all respect	P.Sft	7872	116.00	913206	7872	116.00	913206	4815	116.00	558482		116.00	0	4815	558482		354724	
18	Providing and fixing Vin board cabinet 3/4" thick with drawers 3" deep in 'Kitchen including termite proofing and polishing with synthetic enamel as specified, with handles hinges,screws etc., complete in all respects. (2' deep, with back)	P.Sft	245.00	1015.40	248773	245.00	1015.40	248773	245	1015.40	248773		1015.40	0	245	248773			
19	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge.(ii) 1/2" Squar Bars (Page 208 item No.59)	P.Sft	876.00	648.05	567692	876.00	648.05	567692	282	648.05	182840		648.05	0	282	182840		384852	
20	Providing and fixing 2 mm thick Double glazed aluminium windows of anodized bronze colour partly fixed and party sliding using deluxe section of 100mm x 40mm x2 mm using frame (70501) at bottom, (70502) at Top & Side made of Pakistan Cables/Alcop having Leaf Frame size 31mm x 60mm x2 mm (70506) at Top & Bottom, 35mm x 60mm x2 mm (70505) at center and 35mm x 60mm x2 mm(70503) at sides, fixing 5 mm thick imported tinted double glass and air tight using double tape, chemical strips, Silicon using approved latches, wheels for channel, stopper, brush channel angle joint and hardware etc.(excluding the cost of Fly Proofing). Complete in all respect as approved and directed by the Engineer Incharge.(Page 208 item No.56)	P.Sft	876.00	1336.10	1170424	876.00	1336.10	1170424	235	1336.10	313984		1336.10	0	235	313984		856440	
21	Providing and fixing Aluminum Fly screen comprising of Fiber/Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer brownze Colour/powder coated of size 1-1/2"x1/2" and 1.6mm thick with rubber gasket i/c cost of Hardwares as approved and directed by the engineer in charge.complete in all respect.(Page 207 item No.53)	P.Sft	438.00	688.35	301497	438.00	688.35	301497	438	688.35	301497		688.35	0	438	301497			
22	P/F 1- 1/2" thick solid flush door comprising of 2.5mm thick Commercial ply compressed over 2.5mm thick commercial ply over 1" thick packing wood in style and rails under proper pressure i/c the cost of nails,lower bolt,handles,glue,sawing charges,Painting charges,sand paper in gand 3/8"thick matching wooden tipping as approved and directed by the Engineer Incharge.	P.Sft	245.00	453.75	111169	245.00	453.75	111169	245	453.75	111169	190	453.75	86298	435	197466	86298		
24	Providing and fixing floor trap of cast iron i/c concrete chamber all reoung and C.I grating 4"x3"	Each	11.00	514.20	5656	11.00	514.20	5656	10	514.20	5142		514.20	0	10	5142		514	

25	Providing and fixing UPVC Door 38-mm thickness i/c Delux matching color UPVC frame matt or Glossy Finish having color(white Gray Marble Gray Oak Wood Dard Oak Wood Coffee Wood Honey Pine Wood Mahogany Marry Gold Chocolate Brown Honey Dew i/c all accessories i/c locks complete in all respect as approved by the Engineer Incharge	P.Sft	53.00	750.00	39375	53.00	750.00	39375	33	750.00	24375		750.00	0	33	24375	-	15000	
26	Providing and fixing automatic hydraulic operated door closer imported heavy duty complete in all respect as approved and directed by the Engineer Incharge.(Page 93 item No. 67)	Each	12.00	2641.55	31699	12.00	2641.55	31699	12	2641.55	31699		2641.55	0	12	31699	-	-	
27	P/F fancy type internal door lock imported best quality complete in all respect and as approved by the Engineer incharge.	Each	15.00	2800.00	42000	15.00	2800.00	42000	15	2800.00	42000		2800.00	0	15	42000	-	-	
29	Pacca brick work in other than building 1:4 upto 10' height.	%Cft.	83.50	22710.95	18964	83.50	22710.95	18964	84	22710.95	18964		22710.95	0	84	18964	-	-	
30	P/L reinforced cement concrete (i/c prestressed concrete) using coarse sand creened graded and washed aggregate in required shape and design i/c forme moulds huttering lifting compacting curing rendering and finishing exposed surface complete (but xclude the cost of steel reinforcement its fabrication and placing in position etc.RCC in roof slab beams columns lintels girders and other structural members laid in situ or precast laid in position or prestressed members cost in situ complete foundation base slab of columns and retaining wall etc ratio 1:2:4	P.Cft	5.25	471.80	2477	5.25	471.80	2477	5	471.80	2477		471.80	0	5	2477	-	-	
31	Cement plaster 1:4 upto 20' height 1/2" thick.	%Sft	213.63	2591.50	5536	213.63	2591.50	5536	214	2591.50	5536		2591.50	0	214	5536	-	0	
32	Fabrication of mild steel reinforcement for cement conc; i/c cutting bending laying in position making joints and fastenings for binding wire and labour charges for bending of steel reinforcement (also includes removal of rust from bars Deformed bars 40-G	%Kg	32.37	25951.10	8401	32.37	25951.10	8401	32	25951.10	8402		25951.10	1	32	8402	1	-	
31	Providing and laying 3/4" thick full width Prepolished Marble slab for Vanities/Shelves/Treads/Window Cills, having Uniform texture (Spotless) with adhesive bond over 3/4" thick (1:2) cement sand mortar i/c the cost of matching sealer complete in all respects as approved and directed by the Engineer Incharge.iiZiarat White.(Page 76 item No. 47)	P.Rft	116.00	1213.55	140772	116.00	1213.55	140772	79	1213.55	96174		1213.55	0	79	96174	-	44598	
32	Bitumen coating to plastered or cement concrete surface:- 34 LBS i/c polythene sheet 500 gauge	%Sft									0	40747	3080.80	1255325	40747	1255325	1255325	-	
32	Single layer of tiles 9"x4 1/4"x1 1/2" (225x113x40 mm) laid over 4"(100 mm) earth and 1" (25 mm) mud plaster without Bhoosa, grouted with cement sand 1:3 on top of RCC roof slab, provided with 34 lbs. per %Sft. or 1.72 Kg/Sq.m bitumen coating sand blinded i/c of polythene sheet 500 gauge	%Sft			0			0			0	883	8448.40	74636	883	74636	74636	-	
33	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm)	Each									0	88	679.30	59778	88	59778	59778	-	
34	Providing, laying, cutting, jointing, testing and disinfecting pipe line in trenches with PVC/ uPVC pipes of B.S.S. with 'D' Class working pressure complete in all respects:-4" dia	P.Rft									0	1015	657.40	667261	1015	667261	667261	-	
35	P/F PVC bend 4" dia "Class "D" working pressure	P.Rft										140	192.80	26992	140	26992	26992	-	
36	Extra for Beveling charges of marble edge in approved design complete in all respects i/c the cost of Carborandam discs approved and directed by the Engineer Incharge.(Page 76 item 48)	P.Rft	47.00	20.90	982	47.00	20.90	982	47	20.90	982	0	20.90	0	47	982	-	-	

DETAILED ESTIMATE FOR THE WORK REVAMPING OF EYE WARD AT THQ BUREWALA.

MRS. 1ST BI-ANNUAL-2022 (01.01.2022 to 30.06.2022)

1 Dismantling glazed or encaustic tiles, etc.

W.R	2 x	14.000 x	10.000		280.00 Cft.	
	1 x	8.000 x	14.000		112.00 Cft.	
D.O	1 x	16.000 x	14.000		224.00 Cft.	
Lab	1 x	9.000 x	8.000		72.00 Cft.	
ver	1 x	54.000 x	7.000		378.00 Cft.	
Store	1 x	18.000 x	8.000		144.00 Cft.	
IOT	1 x	12.000 x	9.750		117.00 Cft.	
sterliz	1 x	12.500 x	17.840		223.00 Cft.	
OT	1 x	18.000 x	20.000		360.00 Cft.	
xray	1 x	14.000 x	18.000		252.00 Cft.	
ultra s	2 x	3.750 x	4.660		34.95 Cft.	
Toilet	4 x	2.500 x	0.750		7.50 Cft.	
	10 x	3.500 x	0.750		26.25 Cft.	
Ver	2 x	4.330 x	0.750		6.50 Cft.	
	2 x	3.000 x	3.000		18.00 Cft.	
	1 x	4.000 x(	14.000 +	10.000)x	6.000	576.00
	1 x	2.000 x(	18.000 +	14.000)x	6.000	384.00 Sft
	1 x	2.000 x(	12.250 +	17.840)x	6.000	361.08
	1 x	2.000 x(	16.000 +	14.000)x	6.000	360.00
	1 x	2.000 x(	9.000 +	8.000)x	6.000	204.00
	1 x	2.000 x(	54.000 +	7.000)x	6.000	732.00
	1 x	2.000 x(	18.000 +	8.000)x	6.000	312.00
	1 x	2.000 x(	12.000 +	9.250)x	6.000	255.00
	1 x	2.000 x(	18.000 +	20.000)x	6.000	456.00
	1 x	2.000 x(	14.000 +	18.000)x	6.000	384.00
	1 x	2.000 x(	3.754 +	4.660)x	7.000	117.80
	2 x	4.000 x(	0.500 +	2.500)x	7.000	168.00
	1 x	2.000 x(	12.250 +	17.840)x	6.000	361.08
	10 x	2.000 x(	3.500 +	0.500)x	6.000	480.00
	1 x	4.000 x(	3.000 +	3.000)x	7.000	168.00
	1 x		12.000 x	8.000		96.00 Cft.
	1 x		18.000 x	18.000		324.00 Cft.
	1 x		14.000 x	5.000		70.00 Cft.
	1 x		77.250 x	7.000		540.75 Cft.
	2 x		4.500 x	3.750		33.75 Cft.
	1 x		4.000 x	10.000		40.00 Cft.
	1 x		36.500 x	7.750		282.88 Cft.

Total 8961.53 Sft
@ 1932.50 %Sft. Rs. 173181 /-

2 Dismantling cement concrete 1:2:4 plain.

W.R	2 x	14.000 x	10.000 x	0.125	35.00 Cft.	
sur off	1 x	8.000 x	14.000 x	0.125	14.00 Cft.	
D.O	1 x	16.000 x	14.000 x	0.125	28.00 Cft.	
Lab	1 x	9.000 x	8.000 x	0.125	9.00 Cft.	
ver	1 x	54.000 x	7.000 x	0.125	47.25 Cft.	
Store	1 x	18.000 x	8.000 x	0.125	18.00 Cft.	
IOT	1 x	12.250 x	17.840 x	0.125	27.32 Cft.	
steriliz	1 x	18.000 x	20.000 x	0.125	45.00 Cft.	
OT	1 x	12.000 x	9.750 x	0.125	14.63 Cft.	
xray	1 x	14.000 x	18.000 x	0.125	31.50 Cft.	
ultra s	2 x	3.750 x	4.660 x	0.125	4.37 Cft.	
Toilet	2 x	3.000 x	3.000 x	0.125	2.25 Cft.	
	10 x	3.500 x	0.750 x	0.125	3.28 Cft.	
	2 x	4.330 x	0.750 x	0.125	0.81 Cft.	
Ver	4 x	2.500 x	0.750 x	0.125	0.94 Cft.	
	1 x	12.000 x	8.000 x	0.125	12.00 Cft.	
	1 x	18.000 x	18.000 x	0.125	40.50 Cft.	
	1 x	14.000 x	5.000 x	0.125	8.75 Cft.	
	1 x	77.250 x	7.000 x	0.125	67.59 Cft.	
	2 x	4.500 x	3.750 x	0.125	4.22 Cft.	
	1 x	4.000 x	10.000 x	0.125	5.00 Cft.	
	1 x	36.500 x	7.750 x	0.125	35.36 Cft.	
	2.000 x(12.000 +	8.000)x	6.000 x	0.125	30.00 Cft.
	2.000 x(18.000 +	18.000)x	6.000 x	0.125	54.00
	2.000 x(14.000 +	5.000)x	6.000 x	0.125	28.50 Cft.
	2.000 x(77.250 +	7.000)x	6.000 x	0.125	126.38 Cft.
	2.000 x(4.500 +	3.750)x	6.000 x	0.125	12.38 Cft.
	2.000 x(14.000 +	10.000)x	6.000 x	0.125	36.00 Cft.
	2.000 x(36.500 +	7.750)x	6.000 x	0.125	66.38 Cft.

Total 808.39 Cft.
@ 9060.50 %Cft. Rs. 73244 /-

-4 x	2.500 x	7.000	-70.00 Cft.
-13 x	4.000 x	2.500	-130.00
Total			7263 Sft.

@ 2591.50 %Sft. Rs. 188215 /-

- 8 P/L watering and ramming brick ballast 1-1/2" to 2" gauge mixed with 25% sand, for floor foundation complete in all respect.
Take Qty. item No. 3

562.68 Cft.
@ 5161.30 %Cft. Rs. 29042 /-

- 9 Cement concrete plain i/c placing compaction finishing and curing complete (i/c screening and washing of stone aggregate) 1:2:4.
Take Qty. item No. 2

808.39 Cft.
Total 808.39 Cft.
@ 28918.55 %Cft. Rs. 233774 /-

- 10 Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive/bond over 3/4" thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full Body Glazed Tile (iii) 600mmx 1200 mm (Page 75)

1 x	12.000 x	8.000	96.00 Cft.
1 x	18.000 x	18.000	324.00 Cft.
1 x	14.000 x	5.000	70.00 Cft.
1 x	77.250 x	7.000	540.75 Cft.
1 x	14.000 x	10.000	140.00 Cft.
1 x	36.500 x	7.750	282.88 Cft.
2 x	14.000 x	10.000	280.00 Cft.
1 x	8.000 x	14.000	112.00 Cft.
1 x	16.000 x	14.000	224.00 Cft.
1 x	9.000 x	8.000	72.00 Cft.
1 x	54.000 x	7.000	378.00 Cft.
1 x	18.000 x	8.000	144.00 Cft.
1 x	12.000 x	9.750	117.00 Cft.
1 x	18.000 x	20.000	360.00 Cft.
1 x	14.000 x	18.000	252.00 Cft.
5 x	4.500 x	0.750	16.88 Cft.
2 x	3.500 x	0.750	5.25 Cft.
1 x	5.000 x	0.750	3.75 Cft.

Total 3419 Sft.

@ 461.10 P. Sft. Rs. 1576270 /-

- 11 Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting/dado of specified size, Color and Shade with adhesive/bond over 1/2" thick (1:2) cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full Body Glazed Tile (iii) 600mmx 1200 mm (Page 75)

1 x	2.000 x(	12.000 +	8.000)x	5.000	200 Sft
1 x	2.000 x(	18.000 +	18.000)x	5.000	360
1 x	2.000 x(	14.000 +	5.000)x	5.000	190
1 x	2.000 x(	77.250 +	7.000)x	5.000	843
1 x	2.000 x(	14.000 +	10.000)x	5.000	240
1 x	2.000 x(	36.500 +	7.750)x	5.000	443
2 x	2.000 x(	14.000 +	10.000)x	5.000	480
1 x	2.000 x(	8.000 +	14.000)x	5.000	220
1 x	2.000 x(	16.000 +	14.000)x	5.000	300
1 x	2.000 x(	9.000 +	8.000)x	5.000	170
1 x	2.000 x(	54.000 +	7.000)x	5.000	610
1 x	2.000 x(	18.000 +	8.000)x	5.000	260
1 x	2.000 x(	12.000 +	9.750)x	5.000	218
1 x	2.000 x(	18.000 +	20.000)x	5.000	380
1 x	2.000 x(	14.000 +	18.000)x	5.000	320
D/d	-2 x	4.000 x	5.000		-40.00 Cft.
	-5 x	2.670 x	5.000		-66.75 Cft.
	-5 x	4.250 x	5.000		-106.25 Cft.
	-2 x	3.250 x	5.000		-32.50 Cft.
	-1 x	7.000 x	5.000		-35.00 Cft.
	-1 x	11.000 x	5.000		-55.00 Cft.
	-1 x	7.000 x	5.000		-35.00 Cft.
	-1 x	7.750 x	5.000		-38.75 Cft.

Total 4823 Sft.

@ 461.10 P. Sft. Rs. 2224001 /-

- 12 Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy/Matt/Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1:2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge. i) 12"x18"/12"x24"/10"x24" /8"x24"/12"x36" (Page 72)

1 x	9.000 x	8.000	72 Sft.
2 x	4.500 x	3.750	34 Sft.
1 x	3.000 x	0.750	2 Sft.
2 x	2.500 x	0.500	3 Sft.

	1 x	5.000 x	4.000		20 Sft.
	2 x	5.000 x	5.000		50 Sft.
	2 x	4.000 x	5.000		40 Sft.
	1 x	0.500 x	5.000		3 Sft.
D/d	-1 x	2.000 x	5.000		-10 Sft.

Total 213 Sft.

@ 202.70 % Sft. Rs. 43175 /-

- 13 Providing and laying superb quality Ceramic tiles dado of Master brand of specified size, Glossy/Matt/Texture skirting/dado of approved Color and Shade with adhesive bond over 1/2" thick (1:2) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer Incharge i) 12"x18"/12"x24"/10"x24"/8"x24"/12"x36 (Page 72)

	1 x	2.000 x	(9.000 +	8.000)x	7.000	238 Sft.
	2 x	2.000 x	(4.500 +	3.750)x	7.000	231 Sft.

Total 469 Sft.

(-) 30.00

Net 439.00

D/d 2 x 2.500 x 6.000

@ 209.65 % Sft. Rs. 92036 /-

- 14 Providing and fixing false ceiling comprises of Gypsum board laminated sheet of size 2'x2'/2'x3'/3'x3' of specified design and thickness i/c cost of fixtures i.e. galvanized angle 1" x 1" at wall sides, galvanized tee 1 1/4" x 1" and 1 1/2" x 1" both at 4' c/c (made of Taiwan CKM or equivalent), hanging with G.I./Copper wire 16 SWG, G.I. hook, Rawal Plug etc. complete in all respects as approved and directed by the Engineer Incharge. 12mm thick. (Page 68)

1 x	12.000 x	8.000	96.00 Cft.
1 x	18.000 x	18.000	324.00 Cft.
1 x	14.000 x	5.000	70.00 Cft.
1 x	77.250 x	7.000	540.75 Cft.
1 x	14.000 x	10.000	140.00 Cft.
1 x	36.500 x	7.750	282.88 Cft.
2 x	14.000 x	10.000	280.00 Cft.
1 x	8.000 x	14.000	112.00 Cft.
1 x	16.000 x	14.000	224.00 Cft.
1 x	9.000 x	8.000	72.00 Cft.
1 x	54.000 x	7.000	378.00 Cft.
1 x	18.000 x	8.000	144.00 Cft.
1 x	12.000 x	9.750	117.00 Cft.
1 x	18.000 x	20.000	360.00 Cft.

Total 3141 Sft.

@ 89.35 P. Sft. Rs. 280615 /-

- 14 Providing and fixing mild steel chowkat of doors, windows, C.window, etc. including holdfast, making and threading holes for hinges, etc. complete:- a) M.S. angle iron 1 1/2"x 1 1/2"x 1/4" (40x40x6 mm) welded with M.S. flat 2"x 1/4" (50 mm x 6 mm)

1 x	4.500 x	3.500	38 Sft.
3 x	3.500 x	8.500	89 Sft.
1 x	3.000 x	8.500	26 Sft.
5 x	4.500 x	8.500	191 Sft.
7 x	3.500 x	8.500	208 Sft.
3 x	5.000 x	8.500	128 Sft.

Total 680 Sft.

@ 337.95 P. Sft. Rs. 229806 /-

- 15 P/F vertical blind of approved Quality and shade with all kind of mechanism complete in all respect.

14 x	3.000 x	2.000	84 Sft.
14 x	6.000 x	6.000	504 Sft.
8 x	6.000 x	6.000	288 Sft.

Total 876 Sft.

@ 474.00 P. Sft. Rs. 415224 /-

- 16 PVC Vinyl paneling of approved colour / screws i/c at top and bottom and other fixing material and labour charges etc complete in all respect

2 x	2.000 x	(14.000 +	10.000)x	4.750	456
1 x	2.000 x	(8.000 +	14.000)x	4.750	209
1 x	2.000 x	(16.000 +	14.000)x	4.750	285
1 x	2.000 x	(9.000 +	8.000)x	4.750	162
1 x	2.000 x	(54.000 +	7.000)x	4.750	580
1 x	2.000 x	(18.000 +	8.000)x	4.750	247
1 x	2.000 x	(12.000 +	9.750)x	4.750	207

1 x	2.000 x(	18.000 .+	20.000)x	4.750	361
1 x	2.000 x(	14.000 .+	18.000)x	4.750	304
1 x	2.000 x(	12.000 .+	8.000)x	4.750	190
1 x	2.000 x(	18.000 .+	18.000)x	4.750	342
1 x	2.000 x(	14.000 .+	5.000)x	4.750	181
1 x	2.000 x(	77.250 .+	7.000)x	4.750	800
1 x	2.000 x(	14.000 .+	10.000)x	4.750	228
1 x	2.000 x(	36.500 .+	7.750)x	4.750	420
D/d	-6 x	4.000 x	2.000		-48.00 Cft.
	-1 x	10.000 x	2.000		-20.00 Cft.
	-1 x	4.000 x	3.500		-14.00 Cft.
	-5 x	4.250 x	3.500		-74.38 Cft.

Total 4815 Sft.

@ 116.00 P. Sft. Rs. 558482 /-

- 17 Providing and fixing Vin board cabinet 3/4" thick with drawers 3" deep in Kitchen including termite proofing and polishing with synthetic enamel as specified, with handles hinges, screws etc., complete in all respects. (2' deep, with back)

5 x 7.000 x 7.000 245 Sft.

Total 245 Sft.

@ 1015.40 P. Sft. Rs. 248773 /-

- 18 Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge. (i) 3/8" Squar Bars (Page 208 item No.59)

6 x	4.000 x	5.500	132 Sft.
1 x	10.000 x	5.500	55 Sft.
4 x	3.000 x	4.000	48 Sft.
1 x	4.500 x	2.000	9 Sft.
1 x	6.000 x	4.000	24 Sft.
1 x	3.142 x	4.500	14 Sft.

Total 282 Sft.

@ 648.05 P. Sft. Rs. 182840 /-

- 19 Providing and fixing 2 mm thick Double glazed aluminium windows of anodized bronze colour partly fixed and partly sliding using deluxe section of 100mm x 40mm x2 mm using frame (70501) at bottom, (70502) at Top & Side made of Pakistan Cables/Alcop having Leaf Frame size 31mm x 60mm x2 mm (70506) at Top & Bottom, 35mm x 60mm x2 mm (70505) at center and 35mm x 60mm x2 mm (70503) at sides, fixing 5 mm thick imported tinted double glass and air tight using double tape, chemical strips, Silicon using approved latches, wheels for channel, stopper, brush channel angle joint and hardware etc. (excluding the cost of Fly Proofing). Complete in all respect as approved and directed by the Engineer Incharge. (Page 208 item No.56)

6 x	4.000 x	5.500	132 Sft.
1 x	10.000 x	5.500	55 Sft.
4 x	3.000 x	4.000	48 Sft.

Total 235 Sft.

@ 1336.10 P. Sft. Rs. 313984 /-

- 20 Providing and fixing Aluminum Fly screen comprising of Fiber/Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer brownze Colour/powder coated of size 1-1/2"x1/2" and 1.6mm thick with rubber gasket i/c cost of Hardware as approved and directed by the engineer in charge. complete in all respect. (Page 207 item No.53)

Take Qty item No.19 876.00 x 0.50 438 Sft.

Total 438 Sft.

@ 688.35 P. Sft. Rs. 301497 /-

- 21 P/F1- 1/2" thick solid flush door comprising of 2.5mm thick Commercial ply compressed over 2.5mm thick commercial ply over 1" thick packing wood in style and rails under proper pressure i/c the cost of nails, tower bolt, handles, glue, sawing charges, Painting charges, sand paper in gand 3/8" thick matching wooden lipping as approved and directed by the Engineer Incharge.

1 x	4.000 x	6.875	28 Rft
5 x	2.660 x	6.875	91 Rft
5 x	4.250 x	6.875	146 Rft
2 x	3.250 x	6.875	45 Rft
1 x	4.750 x	6.875	33 Rft
3 x	3.250 x	6.875	67 Rft
1 x	3.750 x	6.875	26 Rft

Total 435 Rft

@ 453.75 P. Rft Rs. 197466 /-

22 Providing and fixing floor trap of cast iron i/c concrete chamber all reoung and C.I grating 4"x3"

1 x 10.000 10 No

Total 10 No

@ 514.20 Each Rs. 5142 /-

23 Providing and fixing UPVC Door 38-mm thickness i/c Deluex matching color UPVC frame matt or Glossy Finish having color(white Gray Marble Gray Oak Wood Dard Oak Wood Coffee Wood Honey Pine Wood Mahogany Marry Gold Chocolate Brown Honey Dew i/c all accessories i/c locks complete in all respect as approved by the Engineer Incharge

2 x 2.500 x 6.500 33 Sft.

Total 33 Sft.

@ 750.00 P. Sft. Rs. 24375 /-

24 Providing and fixing automatic hydraulic operated door closer imported heavy duty complete in all respect as approved and directed by the Engineer Incharge.(Page 93 item No. 67)

1 x 12.000 12 No

Total 12 No

@ 2641.55 Each Rs. 31699 /-

25 P/F fancy type internal door lock imported best quality complete in all respect and as approved by the E.gineer incharge.

1 x 15.000 15 No

Total 15 No

@ 2800.00 Each Rs. 42000 /-

26 Pacca brick work in other than building 1:5 upto 10' height.

2 x 7.000 x 1.125 x 4.000 63.00 Cft.
2 x 3.000 x 0.750 x 3.000 13.50 Cft.
1 x 7.000 x 2.000 x 0.500 7.00

Total 83.50 Cft.

@ 22710.95 %Cft. Rs. 18964 /-

27 P/L reinforced cement concrete (i/c prestressed concrete) using coarse sand creened graded and washed aggregate in required shape and design i/c forme moulds huttering lifting compecting curing rendering and finishing exposed surface complete (but xclude the cost of steel reinforcement its fabrication and placing in poission etc.RCC in roof slab beams columns lintels girders and other structural members laid in situ or precast laid in position or prestressed members cost in situ complete foundation base slab of columns and retaining wall etc ratio 1:2:4

1 x 7.00 x 3.000 x 0.250 5.25 Cft.

@ 471.80 P.Cft 2477

28 Cement plaster 1:4 upto 20' height 1/2" thick.

2 x 2.00 x 7.000 x 4.000 112.00 Sft
2 x 7.00 x 3.000 42.00 Sft
2 x 2.00 x 3.000 x 3.000 36.00 Sft
3 x 7.00 x 1.125 23.63 Sft

213.63 Sft

@ 2591.50 %Sft. 5536

29 Fabrication of mild steel reinforcement for cement conc; i/c cutting bending laying in position making joints and fastenings for binding wire and labour charges for bending of steel reinforcement (also includes removal of rust from bars Deformed bars,40-G.

1/2" dia. 6 x 8.50 51 Rft.
14 x 4 56 Rft.

107 Rft.

107 x 0.667 x 0.4536 32.37 Kg.

32.37 Kg.

@ 25951.10 %Kg. 8401

30 Providing and laying 3/4" thick full width Prepolished Marble slab for Vanities/Shelves/Treads/Window Cills, having Uniform texture (Spotless) with adhesive bond over 3/4" thick (1:2) cement sand mortar i/c the cost of matching sealer complete in all respects as approved and directed by the Engineer Incharge.ii)

Ziarat White.(Page 76 item No. 47)

1 x 14.88 x 2.000 29.75 Rft
1 x 8.00 x 2.000 16.00 Rft
1 x 6.00 x 2.000 12.00 Rft
2 x 7.00 x 1.000 14.00 Rft
2 x 3.00 x 1.250 7.50 Rft

79.25 Rft

@ 1213.55 P.Rft 96174

31 Bitumen coating to plastered or cement concrete surface:- 34 LBS i/c polythene sheet 500 gauge

1 x	55.250 x	25.000	1381.25 Cft.
1 x	52.000 x	21.750	1131.00 Cft.
1 x	18.250 x	7.000	127.75 Cft.
1 x	7.250 x	7.000	50.75 Cft.
1 x	20.250 x	10.250	207.56 Cft.
1 x	7.250 x	7.000	50.75 Cft.
1 x	55.250 x	86.000	4751.50 Cft.
1 x	20.250 x	10.250	207.56 Cft.
1 x	7.250 x	7.000	50.75 Cft.
1 x	18.250 x	7.000	127.75 Cft.
1 x	7.250 x	7.000	50.75 Cft.
1 x	52.000 x	49.000	2548.00 Cft.
1 x	24.500 x	7.250	177.63 Cft.
1 x	18.250 x	5.750	104.94 Cft.
1 x	52.000 x	44.500	2314.00 Cft.
1 x	19.500 x	7.000	136.50 Cft.
1 x	54.000 x	49.000	2646.00 Cft.
1 x	14.000 x	2.500	35.00 Cft.
1 x	26.000 x	21.250	552.50 Cft.
1 x	66.000 x	44.000	2904.00 Cft.
1 x	14.000 x	6.250	87.50 Cft.
1 x	48.000 x	21.500	1032.00 Cft.
1 x	44.500 x	90.000	4005.00 Cft.
1 x	68.000 x	48.000	3264.00 Cft.
1 x	34.000 x	1.833	62.33 Cft.
1 x	20.000 x	18.250	365.00 Cft.
1 x	58.750 x	13.500	793.13 Cft.
1 x	38.250 x	13.500	516.38 Cft.
1 x	18.000 x	16.000	288.00 Cft.
1 x	50.500 x	37.250	1881.13 Cft.
1 x	15.250 x	10.500	205.88 Cft.
1 x	18.000 x	10.500	189.00 Cft.
1 x	35.000 x	2.250	78.75 Cft.
1 x	82.750 x	13.750	1137.81 Cft.
1 x	39.000 x	17.250	672.75 Cft.
1 x	10.000 x	4.250	42.50 Cft.
1 x	98.500 x	34.750	3422.88 Cft.
1 x	94.250 x	23.250	2191.31 Cft.
1 x	12.000 x	5.000	60.00 Cft.
1 x	13.250 x	9.250	122.56 Cft.
1 x	13.250 x	13.500	178.88 Cft.
2 x	19.000 x	9.000	342.00 Cft.
2 x	14.000 x	9.000	252.00 Cft.

Total

40746.71 Sft

1474.050 + 916.750 + 690.000

@ 3080.80 % Sft Rs. 1255325 /-

- Single layer of tiles 9"x4½"x1½" (225x113x40 mm) laid over 4" (100 mm) earth and 1" (25 mm) mud
 32 plaster without Bhoosa, grouted with cement sand 1:3 on top of RCC roof slab, provided with 34 lbs. per %Sft. or 1.72 Kg/Sq.m bitumen coating sand blinded i/c of polythene sheet 500 gauge

1 x	12.000 x	5.000	60.00 Cft.
1 x	13.250 x	9.250	122.56 Cft.
1 x	13.250 x	13.500	178.88 Cft.
2 x	19.000 x	9.000	342.00 Cft.
2 x	14.000 x	9.000	252.00 Cft.
D/d -18 x	2.000 x	2.000	72.00 Cft.

Total

883.44 Sft

@ 8448.40 %Sft. Rs. 74636 /-

- 33 Khuras on roof 2'x2'x6" (600 x 600 x 150 mm)

Total

88.00 No.

88.00 No.

@ 679.30 Each Rs. 59773 /-

- Providing, laying, cutting, jointing, testing and disinfecting pipe line in trenches with
 34 PVC/ uPVC pipes of B.S.S. with 'D' Class working pressure complete in all respects:-4" dia

= 1015 Rft
 Total = 1015 Rft

@ 657.40 P.Rft Rs. 667261 /-

- 35 P/F PVC bend 4" dia "Class "D" working pressure

Total

140.00 No.

140.00 No.

@ 192.80 Each Rs. 26992 /-

Extra for Bevelling charges of marble edge in approved design complete in all respects i/c the cost of Carborandum discas approved and directed by the Engineer Incharge. (Page 76 item 48)

5 x	7.00	35.00 Rft
4 x	3.00	12.00 Rft
		<u>47.00 Rft</u>
		@ 20.90 P.Rft

982

- 10 Providing and Laying Anti-microbial Floor (Gerflor Flooring), Anti-Bacterial, Anti-Static, Homogeneous, with best abrasion resistance, best indoor air quality, easy maintenance, No wax for life and high stain resistance, High performance homogeneous flooring, Resistant to main chemical products used in healthcare, Installed with Self leveling compound, complete in all respects and as approved by the Engineer Incharge.

	<u>20</u>	<u>20</u>	<u>400</u>
1.000 x	14.000 x	18.750	263 Sft
1.000 x	16.160 x	18.750	303 Sft

Total 262.50 Sft

@ 450.00 P. Sft Rs. 118,125

- 11 Providing And Laying Anti-microbial wall panelling/ cladding SPM Walls Panels that Can Resists to heavy impacts, Non-porous & 100% Antibacterial material suitable for high infection risk areas, Welded joints for perfect water tightness between panels or with vinyl flooring, Resists to standard cleaning, disinfection and antiseptic products, Heavy traffic resistant, Sustainable formulation complete in all respects and as approved by the Engineer Incharge.

180,000

	<u>20</u>	<u>+20</u>	<u>800</u>
1 x	2.000 x	14.000 +	18.750 x
1 x	2.000 x	16.160 +	18.750 x
D/d	-2.000 x	5.000 x	7.000
			10.0
			10.0
			655
			698
			-70

Total 1283.20 Sft 730 SFT

@ 1890.00 P. Sft Rs. 2,425,218

- 14 Supply and instalation of clip-in tile of specified thickness non porous aluminum false ceiling of specified size fitted with clip-in suspension system hanged on consealed T/Shiplap edge/runners@500 mm c/c i/c cutting charges of tiles to required size suspension rod and joints sealed with silicon if required DAMPA/Denmark as Complete In All Respect And As Approved By The Engineer Incharge b) Beveled edges & flanges 21.5 mm c) 600 mmX 600 mm

1,379,700

	<u>20</u>	<u>20</u>	<u>400</u>
1.000 x	14.000 x	18.750	263 Sft
1.000 x	16.160 x	18.750	303 Sft

Total 566 Sft 400

@ 550.00 P. Sft Rs. 311,025 /- 220,000

- 36 Making And Fixing Stainless Steel Edge Protector 2-1/2"X2-1/2" 18-Swg I/C Fixing With Screws On Porcelain Tile Dado Corners Complete In All Respects And As Approved By The Engineer Incharge

1 x	500.000 x	5.000	2500.00 Cft.
	<u>200</u>		

Total 2500 Sft. 1000 580,000

@ 580.00 P. Sft Rs. 1,460,000 /-

Total Rs. 12,093,150

D/d Cost of Old Material

Rs. 36000 /-

Total Rs. 14,004,848

12,057,150

Sub Divisional Officer
Buildings Sub Division
Burewala.

EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI

EYE WARD

Sr. No.	Description of Item's	Unit	As per Approved Rough Cost Estimate "A"			Amount of Work already allotted "B"			As per Revised Rough Estimate							Amount	Excess (17-9)	Saving (9-17)	Remarks
									Work Done/allotted			Work yet to be allotted /additional scope			Total				
			Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty (10+13)				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
I	S/E of PVC pipe for wiring recessed in walls, i/c inspection boxes, pull boxes, hooks, cutting jharries, and repairing surface, etc., complete with all specials i. 1/2" dia.	P.Rft	2000.00	69.40	138800	2000.00	69.40	138800	258	69.40	17905		69.40	0	258	17905	-	120895	
II	i. 1" dia.	P.Rft	2500.00	80.45	201125	2500.00	80.45	201125	270	80.45	21722		80.45	0	270	21722	-	179404	
III	i. 1-1/4" dia.	P.Rft		103.60	0	0.00	103.60	0		103.60	0	105	103.60	10878	105	10878	10878	-	
2	S/E of single core PVC insulated copper conductor cables in prelaid PVC pipe/M.S conduit/ G.I. pipe/ wooden strip battan/wooden casing and capping/G.I. wire/trenches (Rates for cable only)250/440 volts .i) 3/0.029".	P.Rft	12000.00	20.95	251400	12000.00	20.95	251400	7729	20.95	161923		20.95	0	7729	161923	-	89477	
	ii. 7/0.029".	P.Rft	8525.00	33.00	281340	8525.00	33.00	281340	4221	33.00	139293		33.00	0	4221	139293	-	142047	
III	ii. 7/0.036".	P.Rft	4500	43.50	195750	4500.00	43.50	195750	4500	43.50	195750	3637	43.50	158210	8137	353960	158210	-	
	ii. 7/0.036". (twin core)	P.Rft										1398	88.30	123443	1398	123443	123443	-	
III	ii. 7/0.044".	P.Rft	3000	60.60	181800	3000.00	60.60	181800	3000	60.60	181800		60.60	0	3000	181800	-	-	
IV	ii. 7/0.064".	P.Rft	2500.00	140.05	350125	2500.00	140.05	350125	2500	140.05	350125		140.05	0	2500	350125	-	-	
3	P/F PVC double layer Switch kit Faceplate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schneider, screws complete as approved and directed by the Engineer incharge (One gange Small)	Each	30.00	343.80	10314	30.00	343.80	10314	30	343.80	10314	191	343.80	65666	221	75980	65666	-	
II	--do-- large size 6-gange	Each	25.00	1259.40	31485	25.00	1259.40	31485	25	1259.40	31485		1259.40	0	25	31485	-	-	
4	Providing and Fixing Floriscent Tube Light (2'x2') Philips / Pak Made simple in false ceiling comprising of 4-Nos. Starters, 4-Nos. Chowkes 20 watts and 4-Nos. Tube rods 20 watts with fancy grill etc. complete in all respects as approved by the	Each	16.00	10900.00	174400	16.00	10900.00	174400	16	10900.00	174400	22	10900.00	239800	38	414200	239800	-	
5	Providing and fixing Copper winded Exhaust fan with louver and shutter made of Pak/Younas/G.F.C. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer incharge 12" sweep	Each	10	2201.85	22019	10.00	2201.85	22019	10	2201.85	22019		2201.85	0	10	22019	-	-	
6	P/F wall mounted DB (Distribution Board) made with 16SWG Sheet Recessed/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights,Thimble, Copper Comb, Wiring, Natural & Earth Bar, Door,Earthing, Digital	Each	4.00	41912.65	167651	4.00	41912.65	167651	4	41912.65	167651		41912.65	0	4	167651	-	-	
7	S/o ceiling fan 56"sweep (GFC / Pak made) i/c accessories ccomplete in all respects as approved by the Engineer Incharge.	Each	20	5500.00	110000	20.00	5500.00	110000	20	5500.00	110000		5500.00	0	20	110000	-	-	
8	Erection of ceiling fan alongwith regulator (all sizes), including carriage from local Railway Station/Store to site of work,electric wire/cable for suspension rod and board connection, and	Each	20	384.35	7687	20.00	384.35	7687	20	384.35	7687		384.35	0	20	7687	-	-	
9	Providing and Fixing of Bracket fan 18" sweep (G.F.C / Pak / Younus) with electric connection complete in ail respects as approved by the Engineer Incharge.	Each	5.00	3600.00	18000	5.00	3600.00	18000	5	3600.00	18000		3600.00	0	5	18000	-	-	
10	S/E of 3/8" dia M.s bar fan hook placed at the time of casting of slab i/c sheet box 7"x4"	Each	20	368.25	7365	20.00	368.25	7365	20	368.25	7365		368.25	0	20	7365	-	-	
Total					2149260			2149250			1617437			597997		2215434	597997	531823	

Sub Divisional Officer
Buildings Sub Division
Burewala.

EXECUTIVE ENGINEER
BUILDINGS DIVISION
[Signature]

Electric Installation

MRS, 1ST BI-ANNUAL-2022 (01.01.2022 to 30.06.2022)

S/E of PVC pipe for wiring recessed in walls, i/c inspection boxes, pull boxes,					
1	hooks, cutting jharries, and repairing surface, etc., complete with all specials i. ¾" dia.				
		258 Rft			
		@ 69.40	P. Rft	Rs.	17905 /-
i.	1" dia.	270 Rft			
		@ 80.45	P. Rft	Rs.	21722 /-
i.	1-1/4" dia.	105 Rft			
		@ 103.60	P. Rft	Rs.	10878 /-
2	S/E of single core PVC insulated copper conductor cables in prelaid PVC pipe/M.S conduit/ G.I. pipe/ wooden strip battan/wooden casing and capping/G.I. wire/trenches (Rates for cable only)250/440 volts .i) 3/0.029".				
		7729 Rft			
		@ 20.95	P. Rft	Rs.	161923 /-
ii.	7/0.029".	4221 Rft			
		@ 33.00	P. Rft	Rs.	139293 /-
iii.	7/0.036".	8137 Rft			
		@ 43.50	P. Rft	Rs.	353960 /-
iii.	7/0.036".twin core	1398 Rft			
		@ 88.30	P. Rft	Rs.	123443 /-
iv.	7/0.044".	3000 Rft			
		@ 60.60	P. Rft	Rs.	181800 /-
v.	7/0.064".	2500 Rft			
		@ 140.05	P. Rft	Rs.	350125 /-
3	P/F PVC double layer Switch kit Faceplate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge (One gange Small)				
		221 Nos.			
		@ 343.80	Each.	Rs.	75980 /-
ii.	---do--- large size 6-gange				
	1.000 x 25.000	25 Nos.			
		@ 1259.40	Each.	Rs.	31485 /-
4	Providing and Fixing Florisent Tube Light (2'x2') Philips / Pak Made simple in false ceiling comprising of 4-Nos. Starters, 4-Nos. Chowkes 20 watts and 4-Nos. Tube rods 20 watts with fancy grill etc. complete in all respects as approved by the Engineer Incharge.				
	1.000 x 38.000	38 Nos.			
		@ 10900.00	Each.	Rs.	414200 /-
7	Providing and fixing Copper winded Exhaust fan with louver and shutter made of Pak/Younas/G.F.C. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge.12" sweep (Page 189 item No.102)				
	1 x 10.000	10 No			
Total		10 No			
		@ 2201.85	Each	Rs.	22019 /-

- 8 P/F wall mounted DB (Distribution Board) made with 16SWG Sheet Recessed/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights, Thimble, Copper Comb, Wiring, Neutral & Earth Bar, Door Earthing, Digital Voltmeter, Digital Ammeter, Volt Selector Switch, Ammeter selector switch, Current Transformers and Controls Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately). (i) 20~60A (18"x24"x6") **(Page 184 item No. 90)**

4 Nos.
@ 41912.65 Each. Rs. 167651 /-

- 9 S/o ceiling fan 56" sweep (GFC / Pak made) i/c accessories complete in all respects as approved by the Engineer Incharge.

20 Nos.
@ 5500.00 Each. Rs. 110000 /-

- 10 Erection of ceiling fan alongwith regulator (all sizes), including carriage from local Railway Station/Store to site of work, electric wire/cable for suspension rod and board connection, and cutting, threading on the rod, where necessary.

20 Nos.
@ 384.35 Each. Rs. 7687 /-

- 11 Providing and Fixing of Bracket fan 18" sweep (G.F.C / Pak / Younus) with electric connection complete in all respects as approved by the Engineer Incharge.

1 x 5.000

5 No

Total

5 No
@ 3600.00 Each. Rs. 18000 /-

- 12 S/E of 3/8" dia M.s bar fan hook placed at the time of casting of slab i/c sheet box 7"x4"

1 x 30.000

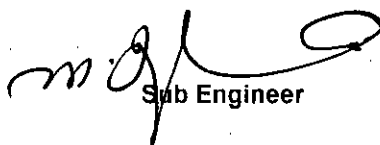
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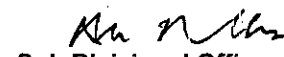
Total

20 No
@ 368.25 Each. Rs. 7365 /-

Total

Rs. 2215434 /-


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Burewala


EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI

Sanitary Installation

MRS. 1ST BI-ANNUAL-2022 (01.01.2022 to 30.06.2022)

1	P/F glazed earthen ware water closet squatter type (Orisa pattern) combined with foot rest.(Coloured)	1 x 7.000	7 No		
			Total	7 No	
				@ 2174.70	Each Rs. 15223 /-
2	P/F "P" trap 4" dia glazed.	1 x 36.000	36 No		
			Total	36 No	
				@ 218.35	Each Rs. 7861 /-
3	Providing and fitting glazed earthen ware wash hand basin 22"x16" i.e. bracket set waste pipe and waste coupling etc. i) colour with pedestal.	1 x 6.000	6 No		
			Total	6 No	
				@ 4587.90	Each Rs. 27527 /-
4	Providing and fitting plastic made low down flushing cistern 3 gallons capacity i.e. bracket set copper connection etc. complete (white).	1 x 7.000	7 No		
			Total	7 No	
				@ 2379.65	Each Rs. 16658 /-
5	Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of 3-No Tee stop cocks, lever type Basin Mixer, double Bib Cock, open wall shower, Muslim shower,waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge. (i) 3 No Tee Stop Cock (ii) Lever Type Basin Mixer (iii) Double Bib Cock (iv) Open Type Wall Shower (v) Muslim shower (vi) Waste Coupling (vii) Bottle Trap.(Page No.134)	1 x 1.000	1 No		
			Total	1 No	
				@ 32650.85	Each Rs. 32651 /-
6	Providing and fixing BATHROOM ACCESSORIES (7-piece set) MASTER BRAND - One Cosmetic Shelf, One Towel rod with bracket, One soap dish, One double hook, One towel ring, brush holder, toilet paper holder & looking glass i/c the cost of hardwares etc complete in all respect as approved and directed by the Engineer incharge.(Page 129)	1 x 3.000	3 No		
			Total	3 No	
				@ 6600.00	Each Rs. 19800 /-
7	Providing and fixing 1/2" dia Muslim Shower of Faisal / Master comprising of 1/2" dia one-meter long rubber/CP flexible pipe and hand shower set complete in all respects as approved and directed by the Engineer Incharge	1 x 3.000	3 No		
			Total	3 No	
				@ 2016.60	Each Rs. 6050 /-
8	P/F c.p tee stop cock 1/2".	1 x 22.000	22 No		
			Total	22 No	
				@ 886.20	Each Rs. 19496 /-
9	P/F C.P fixing mixing valve for WHB complete	1 x 2.000	2 No		
			Total	2 No	
				@ 1977.75	Each Rs. 3956 /-

PUBLIC HEALTH EYE WARD

Sr. No.	Description of Item's	Unit	As per Approved Rough Cost Estimate "A"			Amount of Work already allotted "B"			As per Revised Rough Estimate							Amount	Excess (17-9)	Saving (9-17)	Remarks
									Work Done/allotted			Work yet to be allotted /additional scope			Total				
			Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty (10+13)				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	P/F glazed earthen ware water closet squatter type (Orisa pattern) combined with foot rest.(Coloured)	Each	3.00	2174.70	6524	3.00	2174.70	6524	3	2174.70	6524	4	2174.70	8699	7	15223	8699	-	
2	P/F "P" trap 4" dia glazed.	Each	3.00	218.35	655	3.00	218.35	655	3	218.35	655	33	218.35	7206	36	7861	7206	-	
3	Providing and fitting glazed earthen ware wash hand basin 22"x16" i.e. bracket set waste pipe and waste coupling etc. i) colour with pedestal.	Each	4.00	4587.90	18352	4.00	4587.90	18352	4	4587.90	18352	2	4587.90	9176	6	27527	9176	-	
4	Providing and fitting plastic made low down flushing cistern 3 gallons capacity i.e. bracket set copper connection etc. complete (white).	Each	3.00	2379.65	7139	3.00	2379.65	7139	3	2379.65	7139	4	2379.65	9519	7	16658	9519	-	
5	Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of 3-No Tee stop cocks, lever type Basin Mixer, double Bib Cock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge. (i) 3 No Tee Stop Cock (ii) Lever Type Basin Mixer (iii) Double Bib Cock (iv) Open Type Wall Shower (v) Muslim shower (vi) Waste Coupling (vii) Bottle Trap. (Page No.134)	Each	1.00	32650.85	32651	1.00	32650.85	32651	1	32650.85	32651		32650.85	0	1	32651	-	-	
6	Providing and fixing BATHROOM ACCESSORIES (7-piece set) MASTER BRAND - One Cosmetic Shelf, One Towel rod with bracket, One soap dish, One double hook, One towel ring, brush holder, toilet paper holder & looking glass i/c the cost of hardwares etc complete in all respect as approved and directed by the Engineer incharge. (Page 129)	Each	3	6600.00	19800	3.00	6600.00	19800	3	6600.00	19800		6600.00	0	3	19800	-	-	
7	Providing and fixing 1/2" dia Muslim Shower of Faisal / Master comprising of 1/2" dia one-meter long rubber/CP flexible pipe and hand shower set complete in all respects as approved and directed by the Engineer Incharge	Each	3	2016.60	6050	3.00	2016.60	6050	3	2016.60	6050		2016.60	0	3	6050	-	-	
8	P/F c.p tee stop cock 1/2".	Each	6.00	886.20	5317	6.00	886.20	5317		886.20	0	22	886.20	19496	22	19496	14179	-	
9	P/F C.P fixing mixing valve for WHB complete	Each	2.00	1977.75	3956	2.00	1977.75	3956	2	1977.75	3956		1977.75	0	2	3956	-	-	
10	P/F C.P bib cock 1/2" dia.	Each	6.00	466.20	2797	6.00	466.20	2797	6	466.20	2797	20	466.20	9324	26	12121	9324	-	
11	P/F double bib cock 1/2" dia.	Each	3.00	1681.55	5045	3.00	1681.55	5045	3	1681.55	5045		1681.55	0	3	5045	-	-	
12	Providing and fixing chromium plated pillar-cock, heavy:- 3/4" dia											6	1486.20	8917	6	8917	8917	-	
13	Polypropylene Random Copolymer (PPRC) (Dadex Beta/ BBJ) Specials with fusion / threaded joints. P/Laying polythene pipe (Dadex/Beta/BBJ) 25-MM	P.Rft	500	46.60	23300	500.00	46.60	23300	274	46.60	12768		46.60	0	274	12768	-	10532	
ii	32-MM	P.Rft	800	75.20	60160	800.00	75.20	60160	542	75.20	40758		75.20	0	542	40758	-	19402	
iii	40-MM												75.20	0					
14	Providing, laying, cutting, jointing, testing and disinfecting pipe line in trenches with PVC/ uPVC pipes of B.S.S. with 'D' Class working pressure complete in all respects:-2" dia											151	103.60	15644	151	15644	15644	-	
												353	177.15	62534	353	62534	62534	-	

15	Providing, laying, cutting, jointing, testing and disinfecting pipe line in trenches with PVC/ uPVC pipes of B.S.S. with 'D' Class working pressure complete in all respects:-1-1/4" dia											52	103.60	5387	52	5387	5387	-	
16	Providing, laying, cutting, jointing, testing and disinfecting pipe line in trenches with PVC/ uPVC pipes of B.S.S. with 'D' Class working pressure complete in all respects:-3" dia											52	390.90	20327	52	20327	20327	-	
17	Providing, laying, cutting, jointing, testing and disinfecting pipe line in trenches with PVC/ uPVC pipes of B.S.S. with 'D' Class working pressure complete in all respects:-4" dia											482	657.40	316867	482	316867	316867	-	
18	P/F PVC bend 4" dia "D" Class											42	676.55	28415	42	28415	28415	-	
19	P/F PVC socket 4" dia "D" Class											10	449.85	4499	10	4499	4499	-	
20	Providing and fitting European Coupled set of Water Closet (WC) and flushing Cistern of PORTA brand (full size) i/c the cost of CP/rubber connection, thimble, seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge. (Page 127 item No. 3)											2	13915.80	27832	2	27832	27832	-	
21	Providing/fixing Electric water heater (Geyser) comprising of tank of 14 SWG, GI sheet and external cover of 22 SWG MS sheet, insulated with 4" thick high density glass wool, imported thermostat i/c electric rod, safety valve (Ambassador / Canon) i/c cost of accessories & making connection complete in all respect as approved and directed by Engineer Incharge. ii) 20 Gal capacity (Page 134 item No.55)	Each	3.00	19567.80	58703	3.00	19567.80	58703	3	19567.80	58703		19567.60	0	3	58703			
Total				250448			250448			215198			553840		769038	548523	29933		

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Sub Divisional Officer
Buildings Sub Division
Burewala.


[Handwritten signature]
EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI

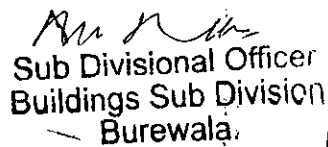
**DETAILED ESTIMATE FOR THE WORK REVAMPING OF GYNE WARD AT THQ
BUREWALA.**

ABSTRACT

MRS. 1ST BI-ANNUAL-2022 (01.01.2022 to 30.06.2022)

Sr. No.	Description of Items.	Work done/ allotted	Work yet to be allotted /additional scope	Total
1	Building Portion	9794940	5927447 3438095	15722388 13207036
2	Electric Installation	919716	19638	939354
3	Sanitary Installation	250448	0	250448
	Total.	10965105	5947085	16912490 14396838


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Burewala


EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI

Gyne Ward

Sr. No.	Description of Item's	Unit	As per Approved Rough Cost Estimate "A"			Amount of Work already allotted "B"			As per Revised Rough Estimate						Amount	Excess (17-9)	Saving (9-17)	Remarks	
			Qty.	Rate	Amount	Qty.	Rate	Amount	Work Done/allotted			Work yet to be allotted /additional scope							Total Qty (10+13)
									Qty.	Rate	Amount	Qty.	Rate	Amount					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Dismantling glazed or encaustic tiles, etc.	%Sft	7915.64	1932.50	152970	7915.64	1932.50	152970	7916	1932.50	152970	1956	1932.50	37793	9871	190763	37793	-	
2	Dismantling of pacca brick work lime or cement mortar	%Cft			0			0			0	313	3500.65	10945	313	10945	10945	-	
3	Dismantling cement concrete 1:2:4 plain.	%Cft	3399.49	9060.50	308011	3399.49	9060.50	308011	1234	9060.50	111799		9060.50	0	1234	111799	-	196212	
4	Dismantling cement concrete with brick aggregate.	%Cft	849.87	2471.05	21001	849.87	2471.05	21001	850	2471.05	21001		2471.05	0	850	21001	0	-	
5	Removing cement or lime plaster.	%Sft	4426	343.20	15190	4426	343.20	15190	4426	343.20	15190	1294	343.20	4441	5720	19631	4441	-	
6	Cement plaster 1:4 upto 20' (6.00 m) height:-½" (13 mm) thick	%Sft	4426	2591.50	114701	4426	2591.50	114701	4426	2591.50	114702		2591.50	1	4426	114702	1	-	
7	Removing of door with chwokat	Each	10.00	362.35	3624	10.00	362.35	3624	10	362.35	3624		362.35	0	10	3624	-	-	
8	Removing windows and sky lights with chowkat.	Each	34.00	283.15	9627	34.00	283.15	9627	34	283.15	9627		283.15	0	34	9627	-	-	
9	P/L watering and ramming brick ballast 1-1/2" to 2" gauge mixed with 25% sand, for floor foundation complete in all respect.	%Cft.	850	5161.30	43864	850	5161.30	43864	40	5161.30	2048		5161.30	0	40	2048	-	41816	
10	Providing and laying topping of cement concrete 1:2:4 including surface finishing and dividing in panels @ 1-1/2 inch thick.											151	5595.95	8471	151	8471	8471	-	
11	Cement concrete plain i/c placing compaction finishing and curing complete (i/c screening and washing of stone aggregate) 1:2:4.	%Cft.	3399	28918.55	983083	3399	28918.55	983083	1234	28918.55	356830		28918.55	0	1234	356830	-	626253	
12	Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive/bond over 3/4" thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full Body Glazed Tile (iii) 600mmx 1200 mm (Page 75)	P.Sft	3379	461.10	1558057	3379	461.10	1558057	3379	461.10	1558057	635	461.10	292943	4014	1850999	292943	-	
13	Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting/dado of specified size, Color and Shade with adhesive/bond over 1/2" thick (1:2) cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full Body Glazed Tile (iii) 600mmx 1200 mm (Page 75)	P.Sft	4426	461.10	2040829	4426	461.10	2040829	4426	461.10	2040829	786	461.10	362194	5212	2403023	362194	-	
14	Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy/Matt/Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1:2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge. i) 12"x18"/12"x24"/10"x24" /8"x24"/12"x36" (Page 72)	P.Sft	20	202.70	4054	20	202.70	4054	20	202.70	4054	170	202.70	34510	190	38564	34510	-	

5	Providing and laying superb quality Ceramic tiles dado of Master brand of specified size, Glossy/Matt/Texture skirting/dado of approved Color and Shade with adhesive bond over 1/2" thick (1:2) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer Incharge i) 12"x18"/12"x24"/10"x24" /8"x24"/12"x36 (Page 72)	P.Sft	80.00	209.65	16772	80.00	209.65	16772	80	209.65	16772	799	209.65	167406	879	184178	167406	-	-
6	Providing and fixing false ceiling comprises of Gypsum board laminated sheet of size 2'x2'/2'x3'/ 3'x3' of specified design and thickness i/c cost of fixtures i.e galvanized angle 1" x 1" at wall sides, galvanized tee 1 1/4" x 1" and 1 1/2" x 1" both at 4' c/c (made of Taiwan CKM or equivalent), hanging with G.I/Copper wire 16 SWG, G.I hook, Rawal Plug etc: complete in all respects as approved and directed by the Engineer Incharge. 12mm thick. (Page 68)	P.Sft	3399	89.35	303701	3399	89.35	303701	3399	89.35	303744		89.35	0	3399	303744	44	-	-
7	P/Fixing vertical blind curtain i/c all mechanism of approved coloured and shade etc i/c fixing charges complete in all respect as approved by the Engineer incharge.	P.Sft	876.00	474.00	415224	876.00	474.00	415224	876	474.00	415224		474.00	0	876	415224	-	-	-
8	PVC Vinyel paneling of approved colour / screws i/c at top and bottom and other fixing material and labour charges etc complete in all respect	P.Sft	6196	116.00	718791	6196	116.00	718791	6196	116.00	718791		116.00	0	6196	718791	-	-	-
9	Providing and fixing Vin board cabinet 3/4" thick with drawers 3" deep in Kitchen including termite proofing and polishing with synthetic enamel as specified, with handles hinges, screws etc., complete in all respects. (2" deep, with back)	P.Sft	245.00	1015.40	248773	245.00	1015.40	248773	245	1015.40	248773		1015.40	0	245	248773	-	-	-
10	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge. (ii) 1/2" Squar Bars (Page 208 item No.59)	P.Sft	876.00	648.05	567692	876.00	648.05	567692	251	648.05	162337		648.05	0	251	162337	-	405355	-
11	Providing and fixing 2 mm thick Double glazed aluminium windows of anodized bronze colour partly fixed and partly sliding using deluxe section of 100mm x 40mm x2 mm using frame (70501) at bottom, (70502) at Top & Side made of Pakistan Cables/Alcop having Leaf Frame size 31mm x 60mm x2 mm (70506) at Top & Bottom, 35mm x 60mm x2 mm (70505) at center and 35mm x 60mm x2 mm (70503) at sides, fixing 5 mm thick imported tinted double glass and air tight using double tape, chemical strips, Silicon using approved latches, wheels for channel, stopper, brush channel angle joint and hardware etc. (excluding the cost of Fly Proofing). Complete in all respect as approved and directed by the Engineer Incharge. (Page 208 item No.56)	P.Sft	876.00	1336.10	1170424	876.00	1336.10	1170424	876	1336.10	1170424		1336.10	0	876	1170424	-	-	-
12	Providing and fixing Aluminum Fly screen comprising of Fiber/Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer brownze Colour/powder coated of size 1-1/2"x1/2" and 1.6mm thick with rubber gasket i/c cost of Hardwares as approved and directed by the engineer in charge. complete in all respect. (Page 207 item No.53)	P.Sft	438.00	688.35	301497	438.00	688.35	301497	438	688.35	301497		688.35	0	438	301497	-	-	-
13	P/F 1- 1/2" thick solid flush door comprising of 2.5mm thick Commercial ply compressed over 2.5mm thick commercial ply over 1" thick packing wood in style and rails under proper pressure i/c the cost of nails, tower bolt, handles, glue, sawing charges, Painting charges, sand paper in gand 3/8" thick matching wooden lipping as approved and directed by the Engineer Incharge.	P.Sft	245.00	453.75	111169	245.00	453.75	111169	245	453.75	111169		453.75	0	245	111169	-	-	-

24	Providing and fixing floor trap of cast iron i/c concrete chamber all reoung and C.I grating 4"x3"	Each	11.00	514.20	5656	11.00	514.20	5656	11	514.20	5656		514.20	0	11	5656			
25	Providing and fixing UPVC Door 38-mm thickness i/c Delux matching color UPVC frame matt or Glossy Finish having color(white Gray Marble Gray Oak Wood Dard Oak Wood Coffee Wood Honey Pine Wood Mahagony Marry Gold Chocolate Brown Honey Dew i/c all accessories i/c locks complete in all respect as approved by the Engineer Incharge	P.Sft	35.00	750.00	26250	35.00	750.00	26250	35	750.00	26250		750.00	0	35	26250			
26	Single layer of tiles 9"x4 1/2"x1 1/2" (225x113x40 mm) laid over 4"(100 mm) earth and 1" (25 mm) mud plaster without Bhoosa, grouted with cement sand 1:3 on top of RCC roof slab, provided with 34 lbs. per %Sft. or 1.72 Kg/Sq.m bitumen coating sand blinded i/c of polythene sheet 500 guage	%Sft	19800.00	8448.20	1672744	19800.00	8448.20	1672744	19800	8448.20	1672744	17	8448.20	1394	19817	1674138	1394		
27	Brick tile of size (9"x4-1/2"x1-1/2") laid flat in cement mortar 1:3 on top of bed (Labour rate only)											40747	3478.20	1417252	40747	1417252	1417252		
28	Providing and fixing automatic hydraulic operated door closer imported heavy duty complete in all respect as approved and directed by the Engineer Incharge.(Page 93 item No. 67)	Each	12.00	2641.55	31699	12.00	2641.55	31699	12	2641.55	31699		2641.55	0	12	31699			
29	P/F fancy type internal door lock imported best quality complete in all respect and as approved by the E.gineer incharge.	Each	15.00	2800.00	42000	15.00	2800.00	42000	15	2800.00	42000		2800.00	0	15	42000			
30	Pacca brick work in other than building 1:4 upto 10' height.	%Cft.	83.50	22710.95	18964	83.50	22710.95	18964	84	22710.95	18964	769	22710.95	174704	853	193668	174704		
31	Pacca brick work in other than building 1:5 upto 10' height.	%Cft.			0			0				31	23378.15	7150	31	7150	7150		
32	P/L reinforced cement concrete (i/c prestressed concrete) using coarse sand creened graded and washed aggregate in required shape and design i/c forme moulds huttering lifting compacting curing rendering and finishing exposed surface complete (but xclude the cost of steel reinforcement its fabrication and placing in position etc.RCC in roof slab beams columns lintels girders and other structural members laid in situ or precast laid in position or prestressed members cost in situ complete foundation base slab of columns and retaining wall etc ratio 1:2:4	P.Cft	5.25	471.80	2477	5.25	471.80	2477	5	471.80	2477	35	471.80	16631	41	19108	16631		
33	Providing and fixing mild steel chowkat of doors, windows, C.window, etc. including holdfast, making and threading holes for hinges, etc. complete:- a) M.S. angle iron 1 1/2"x 1 1/2"x 1/2" (40x40x6 mm) welded with M.S. flat 2"x 1/2" (50 mm x 6 mm)	P.Sft										383	337.95	129519	383	129519	129519		
34	Cement plaster 1:4 upto 20' height 1/2" thick.	%Sft	213.63	2591.50	5536	213.63	2591.50	5536	214	2591.50	5536	7166	2591.50	185713	7380	191249	185713		
35	Fabrication of mild steel reinforcement for cement conc; i/c cutting bending laying in position making joints and fastenings for binding wire and labour charges for bending of steel reinforcement (also includes removal of rust from bars Deformed bars 40-G.	%Kg	32.37	25951.10	8401	32.37	25951.10	8401	32	25951.10	8401	66	25951.10	17033	98	25433	17032		
36	Providing and laying 3/4" thick full width Prepolished Marble slab for Vanities/Shelves/Treads/Window Cills, having Uniform texture (Spotless) with adhesive bond over 3/4" thick (1:2) cement sand mortar i/c the cost of matching sealer complete in all respects as approved and directed by the Engineer Incharge.i.iZiarat White.(Page 76 item No. 47)	P.Rft	116.00	1213.55	140772	116.00	1213.55	140772	116	1213.55	140772		1213.55	0	116	140772			
37	Extra for Bevelling charges of marble edge in approved design complete in all respects i/c the cost of Carborandum discas approved and directed by the Engineer Incharge.(Page 76 item 48)	P.Rft	47.00	20.90	982	47.00	20.90	982	47	20.90	982		20.90	0	47	982			

DETAILED ESTIMATE FOR THE WORK REVAMPING OF GYNE WARD AT THQ

MRS. 1ST BI-ANNUAL-2022 (01.01.2022 to 30.06.2022)

1 Dismantling glazed or encaustic tiles, etc.

1 x	33.750 x	18.000		607.50 Cft.
1 x	32.000 x	18.000		576.00 Cft.
1 x	21.750 x	14.250		309.94 Cft.
1 x	5.750 x	3.750		21.56 Cft.
1 x	12.000 x	10.500		126.00 Cft.
1 x	10.000 x	14.250		142.50 Cft.
1 x	5.750 x	3.750		21.56 Cft.
1 x	10.000 x	14.250		142.50 Cft.
1 x	6.000 x	4.000		24.00 Cft.
2 x	5.500 x	4.000		44.00 Cft.
1 x	6.500 x	4.000		26.00 Cft.
1 x	10.000 x	15.000		150.00 Cft.
1 x	13.000 x	14.250		185.25 Cft.
1 x	8.500 x	8.000		68.00 Cft.
1 x	8.000 x	5.000		40.00 Cft.
1 x	13.000 x	18.000		234.00 Cft.
1 x	8.000 x	9.750		78.00 Cft.
1 x	8.000 x	9.000		72.00 Cft.
1 x	69.000 x	7.000		483.00 Cft.
1 x	21.000 x	7.000		147.00 Cft.
1 x	69.000 x	7.250		500.25 Cft.
1 x	21.000 x	7.250		152.25 Cft.
1 x	2.000 x(33.750 +	18.000)x 5.000		517.50 Sft
1 x	2.000 x(32.750 +	18.000)x 5.000		507.50
1 x	2.000 x(21.750 +	14.250)x 5.000		360.00
1 x	2.000 x(5.750 +	3.750)x 5.000		95.00
1 x	12.000 x	5.000		60.00 Cft.
2 x	10.500 x	5.000		105.00 Cft.
1 x	2.000 x(10.000 +	14.250)x 5.000		242.50
1 x	2.000 x(6.000 +	4.000)x 5.000		100.00
1 x	2.000 x(15.000 +	0.000)x 5.000		150.00
1 x	10.000 x	5.000		50.00 Cft.
1 x	2.000 x(13.000 +	14.250)x 5.000		272.50
1 x	2.000 x(8.000 +	14.250)x 5.000		222.50
1 x	2.000 x(13.000 +	18.000)x 5.000		310.00
1 x	2.000 x(8.000 +	9.750)x 5.000		177.50
1 x	2.000 x(8.000 +	9.000)x 5.000		170.00
1 x	2.000 x(69.000 +	7.000)x 5.000		760.00
1 x	2.000 x(21.000 +	7.000)x 5.000		280.00
1 x	2.000 x(69.000 +	7.250)x 5.000		762.50
1 x	2.000 x(21.000 +	7.250)x 5.000		282.50
2 x	2.000 x(5.500 +	4.000)x 5.000		190.00
1 x	2.000 x(6.500 +	4.000)x 5.000		105.00

Total 9871.31 Sft

@ 1932.50 %Sft. Rs 190763 /-

2 Dismantling of pacca brick work lime or cement mortar

1 x	18.000 x	0.750 x	5.000	67.50 Cft.
1 x	8.000 x	0.750 x	7.500	45.00 Cft.
4 x	2.000 x	0.375 x	1.500	4.50 Cft.
3 x	5.000 x	0.375 x	7.000	39.38 Cft.
1 x	7.000 x	0.750 x	8.500	44.63 Cft.
3 x	5.000 x	0.750 x	8.500	95.63 Cft.
1 x	6.000 x	0.375 x	4.000	9.00 Cft.
1 x	2.500 x	0.375 x	7.500	7.03 Cft.

Total 312.66 Cft.

@ 3500.65 %Cft. Rs 10945 /-

2 Dismantling cement concrete 1:2:4 plain.

Same Qty item No. 1 9871.31 x 0.125 1233.91

Total 1233.91 Cft.

@ 9060.50 %Cft. Rs 111799 /-

3 Dismantling cement concrete with brick aggregate.

L.R	1 x	14.330 x	21.750 x	0.250	77.92 Cft.
W.R	1 x	12.000 x	14.330 x	0.250	42.99 Cft.
D/NUR	2 x	14.330 x	10.000 x	0.250	71.65
ROM					
D.R	1 x	14.330 x	8.500 x	0.250	30.45
OFFI	1 x	14.330 x	13.000 x	0.250	46.57
LOCKER	1 x	8.000 x	9.250 x	0.250	18.50 Cft.
VER	1 x	89.000 x	7.000 x	0.250	155.75 Cft.
Inducton r	1 x	18.750 x	24.500 x	0.250	114.84
gyne w	1 x	18.750 x	40.375 x	0.250	189.26 Cft.
xray	1 x	18.750 x	13.000 x	0.250	60.94
D.Room	1 x	8.000 x	8.000 x	0.250	16.00 Cft.
Store	1 x	8.000 x	10.000 x	0.250	20.00 Cft.
Toilet	1 x	5.000 x	4.000 x	0.250	5.00 Cft.

Total 849.87 Cft.

@ 2471.05 %Cft. Rs 21001 /-

4 Removing cement or lime plaster.

1 x	2.000 x(	33.750 +	18.000)x	5.000	517.50 Sft
1 x	2.000 x(	32.750 +	18.000)x	5.000	507.50
1 x	2.000 x(	21.750 +	14.250)x	5.000	360.00
1 x	2.000 x(	5.750 +	3.750)x	5.000	95.00
1 x		12.000 x	5.000		60.00 Cft.
2 x		10.500 x	5.000		105.00 Cft.
1 x	2.000 x(	10.000 +	14.250)x	5.000	242.50
1 x	2.000 x(	6.000 +	4.000)x	5.000	100.00
1 x	2.000 x(	15.000 +	0.000)x	5.000	150.00
1 x		10.000 x	5.000		50.00 Cft.
1 x	2.000 x(	13.000 +	14.250)x	5.000	272.50
1 x	2.000 x(	8.000 +	14.250)x	5.000	222.50
1 x	2.000 x(	13.000 +	18.000)x	5.000	310.00
1 x	2.000 x(	8.000 +	9.750)x	5.000	177.50
1 x	2.000 x(	8.000 +	9.000)x	5.000	170.00
1 x	2.000 x(	69.000 +	7.000)x	5.000	760.00
1 x	2.000 x(	21.000 +	7.000)x	5.000	280.00
1 x	2.000 x(	69.000 +	7.250)x	5.000	762.50
1 x	2.000 x(	21.000 +	7.250)x	5.000	282.50
2 x	2.000 x(	5.500 +	4.000)x	5.000	190.00
1 x	2.000 x(	6.500 +	4.000)x	5.000	105.00

Total 5720 Sft.

@ 343.20 %Sft Rs 19631 /-

5 Cement plaster 1:4 upto 20' (6.00 m) height:-1/2" (13 mm) thick

1 x	2.000 x(	14.330 x	21.750)x	5.000	361 Sft
1 x	2.000 x(	12.000 x	14.330)x	5.000	263
2 x	2.000 x(	14.330 x	10.000)x	5.000	487
1 x	2.000 x(	14.330 x	8.500)x	5.000	228
1 x	2.000 x(	14.330 x	13.000)x	5.000	273
1 x	2.000 x(	8.000 x	9.250)x	5.000	173
1 x	2.000 x(	89.000 x	7.000)x	5.000	960
1 x	2.000 x(	18.750 x	24.500)x	5.000	433
1 x	2.000 x(	18.750 x	40.375)x	5.000	591
1 x	2.000 x(	18.750 x	13.000)x	5.000	318
1 x	2.000 x(	8.000 x	8.000)x	5.000	160
1 x	2.000 x(	8.000 x	10.000)x	5.000	180

Total 4426 Sft.

@ 2591.50 %Sft Rs 114701 /-

6 Removing of door with chowkat

1 x	10.000				10 No
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Total 10 No

@ 362.35 Each Rs 3624 /-

7 Removing windows and sky lights with chowkat.

1 x	34.000				34 No
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Total 34 No

@ 283.15 Each Rs 9627 /-

8 P/L watering and ramming brick ballast 1-1/2" to 2" gauge mixed with 25% sand, for floor foundation complete in all respect.

1 x	20.750 x	2.000 x	0.330	13.70
1 x	6.250 x	4.500 x	0.330	9.28 Cft.
1 x	6.750 x	7.500 x	0.330	16.71 Cft.

Total 39.68 Cft.

@ 5161.30 %Cft. Rs 2048 /-

- 9 Providing and laying topping of cement concrete 1:2:4 including surface finishing and dividing in panels @ 1-1/2 inch thick.

1 x	20.750 x	3.500	72.63
1 x	6.250 x	4.500	28.13 Cft.
1 x	6.750 x	7.500	50.63 Cft.

Total 151.38 Cft.

@ 5595.95 %Cft. Rs 8471 /-

- 9 Cement concrete plain i/c placing compaction finishing and curing complete (i/c screening and washing of stone aggregate) 1:2:4.

Take Qty. item No. 2

1233.91 Cft.

Total 1233.91 Cft.

@ 28918.55 %Cft. Rs 356830 /-

- 10 Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive/bond over 3/4" thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full Body Glazed Tile (iii) 600mmx 1200 mm (Page 75)

1 x	33.750 x	18.000	607.50 Cft.
1 x	32.000 x	18.000	576.00 Cft.
1 x	21.750 x	14.250	309.94 Cft.
1 x	12.000 x	10.500	126.00 Cft.
2 x	10.000 x	14.250	285.00 Cft.
1 x	10.000 x	15.000	150.00 Cft.
1 x	13.000 x	14.250	185.25 Cft.
1 x	8.500 x	8.000	68.00 Cft.
1 x	13.000 x	18.000	234.00 Cft.
1 x	8.000 x	9.750	78.00 Cft.
1 x	8.000 x	9.000	72.00 Cft.
1 x	69.000 x	7.000	483.00 Cft.
1 x	21.000 x	7.250	152.25 Cft.
1 x	69.000 x	7.250	500.25 Cft.
1 x	21.000 x	7.250	152.25 Cft.
7 x	3.500 x	0.750	18.38 Cft.
2 x	5.000 x	0.750	7.50 Cft.
1 x	4.000 x	0.750	3.00 Cft.
2 x	2.500 x	0.750	3.75 Cft.
1 x	3.000 x	0.750	2.25 Cft.

Total 4014 Sft.

@ 461.10 P. Sft. Rs 1850999 /-

- 11 Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting/dado of specified size, Color and Shade with adhesive/bond over 1/2" thick (1:2) cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full Body Glazed Tile (iii) 600mmx 1200 mm (Page 75)

1 x	2.000 x(	33.750 +	18.000)x	5.000	518 Sft
1 x	2.000 x(	32.000 +	18.000)x	5.000	500
1 x	2.000 x(	21.750 +	14.250)x	5.000	360
1 x	2.000 x(	12.000 +	10.500)x	5.000	225
2 x	2.000 x(	10.000 +	14.250)x	5.000	485
1 x	2.000 x(	10.000 +	15.000)x	5.000	250
1 x	2.000 x(	13.000 +	14.250)x	5.000	273
1 x	2.000 x(	8.500 +	8.000)x	5.000	165
1 x	2.000 x(	13.000 +	18.000)x	5.000	310
1 x	2.000 x(	8.000 +	9.750)x	5.000	178
1 x	2.000 x(	8.000 +	9.000)x	5.000	170
1 x	2.000 x(	69.000 +	7.000)x	5.000	760
1 x	2.000 x(	21.000 +	7.250)x	5.000	283
1 x	2.000 x(	69.000 +	7.250)x	5.000	763
1 x	2.000 x(	21.000 +	7.250)x	5.000	283

D/d

-17 x	4.000 x	2.000	-136.00 Cft.
-7 x	3.500 x	5.000	-122.50 Cft.
-2 x	5.000 x	5.000	-50.00 Cft.

Total 5212 Sft.

@ 461.10 P. Sft. Rs 2403023 /-

12 Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy/Matt/Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1:2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge. i) 12"x18"/12"x24"/10"x24" /8"x24"/12"x36" (Page 72)

2 x	5.750 x	3.750	43 Sft.
1 x	6.000 x	4.000	24 Sft.
2 x	5.500 x	4.000	44 Sft.
1 x	6.500 x	4.000	26 Sft.
1 x	8.000 x	5.000	40 Sft.
7 x	2.500 x	0.750	13 Sft.

Total 190 Sft.

@ 202.70 % Sft. Rs 38564 /-

13 Providing and laying superb quality Ceramic tiles dado of Master brand of specified size, Glossy/Matt/Texture skirting/dado of approved Color and Shade with adhesive bond over 1/2" thick (1:2) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer Incharge i) 12"x18"/12"x24"/10"x24" /8"x24"/12"x36" (Page 72)

2 x	2.000 x(	5.750 +	3.750)x	7.000	266 Sft.
1 x	2.000 x(	6.000 +	4.000)x	7.000	140 Sft.
2 x	2.000 x(	5.500 +	4.000)x	7.000	266 Sft.
1 x	2.000 x(	8.000 +	5.000)x	7.000	182 Sft.
1 x	2.000 x(	6.500 +	4.000)x	7.000	147 Sft.

Total 1001 Sft.

(-) 122.50

Net 878.50

D/d 7 x 2.500 x 7.000

@ 209.65 % Sft. Rs 184178 /-

14 Providing and fixing false ceiling comprises of Gypsum board laminated sheet of size 2'x2 1/2'x3' / 3'x3' of specified design and thickness i/c cost of fixtures i.e galvanized angle 1" x 1" at wall sides, galvanized tee 1 1/4" x 1" and 1 1/2" x 1" both at 4' c/c (made of Taiwan CKM or equivalent), hanging with G.I/Copper wire 16 SWG, G.I hook, Rawal Plug etc. complete in all respects as approved and directed by the Engineer Incharge. 12mm thick. (Page 68)

L.R	1 x	14.330 x	21.750	311.68 Cft.
W.R	1 x	12.000 x	14.330	171.96 Cft.
D/NUR ROM	2 x	14.330 x	10.000	286.60 Cft.
D.R	1 x	14.330 x	8.500	121.81 Cft.
OFFI	1 x	14.330 x	13.000	186.29 Cft.
LOCKER	1 x	8.000 x	9.250	74.00 Cft.
VER	1 x	89.000 x	7.000	623.00 Cft.
Induction r gyne w	1 x	18.750 x	24.500	459.38 Cft.
xray	1 x	18.750 x	40.375	757.03 Cft.
D.Room	1 x	18.750 x	13.000	243.75 Cft.
Store	1 x	8.000 x	8.000	64.00 Cft.
Toilet	1 x	8.000 x	10.000	80.00 Cft.
		5.000 x	4.000	20.00 Sft.

Total 3399 Sft.

@ 89.35 P. Sft. Rs 303744 /-

15 P/F vertical blind of approved Quality and shade with all kind of mechanism complete in all respect.

14 x	3.000 x	2.000	84 Sft.
14 x	6.000 x	6.000	504 Sft.
8 x	6.000 x	6.000	288 Sft.

Total 876 Sft.

@ 474.00 P. Sft. Rs 415224 /-

16 PVC Vinyl paneling of approved colour / screws i/c at top and bottom and other fixing material and labour charges etc complete in all respect

1 x	2.000 x(	14.330 +	21.750)x	7.000	505 Sft
1 x	2.000 x(	12.000 +	14.330)x	7.000	369
2 x	2.000 x(	14.330 +	10.000)x	7.000	681
1 x	2.000 x(	14.330 +	8.500)x	7.000	320
1 x	2.000 x(	14.330 +	13.000)x	7.000	383
1 x	2.000 x(	8.000 +	9.250)x	7.000	242
1 x	2.000 x(	89.000 +	7.000)x	7.000	1344

1 x	2.000 x(	18.750 .+	24.500)x	7.000	606
1 x	2.000 x(	18.750 .+	40.375)x	7.000	828
1 x	2.000 x(	18.750 .+	13.000)x	7.000	445
1 x	2.000 x(	8.000 .+	8.000)x	7.000	224
1 x	2.000 x(	8.000 .+	10.000)x	7.000	252
1			4.000		

Total 6196 Sft.

@ 116.00 P. Sft. Rs 718791 /-

- 17 Providing and fixing Vin board cabinet 3/4" thick with drawers 3" deep in 'Kitchen including termite proofing and polishing with synthetic enamel as specified, with handles hinges, screws etc., complete in all respects. (2' deep, with back)

5 x	7.000 x	7.000	245 Sft.
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Total 245 Sft.

@ 1015.40 P. Sft. Rs 248773 /-

- 18 Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge. (i) 3/8" Squar Bars (Page 208 item No.59)

1 x	7.250 x	8.000	58 Sft.
1 x	7.250 x	8.000	58 Sft.
1 x	7.250 x	8.000	58 Sft.
1 x	5.000 x	9.000	45 Sft.
1 x	3.500 x	9.000	32 Sft.

Total 251 Sft.

@ 648.05 P. Sft. Rs 162337 /-

- 19 Providing and fixing 2 mm thick Double glazed aluminium windows of anodized bronze colour partly fixed and party sliding using deluxe section of 100mm x 40mm x2 mm using frame (70501) at bottom, (70502) at Top & Side made of Pakistan Cables/Alcop having Leaf Frame size 31mm x 60mm x2 mm (70506) at Top & Bottom, 35mm x 60mm x2 mm (70505) at center and 35mm x 60mm x2 mm (70503) at sides , fixing 5 mm thick imported tinted double glass and air tight using double tape, chemical strips, Silicon using approved latches, wheels for channel, stopper, brush channel angle joint and hardware etc.(excluding the cost of Fly Proofing). Complete in all respect as approved and directed by the Engineer Incharge. (Page 208 item No.56)

14 x	3.000 x	2.000	84 Sft.
14 x	6.000 x	6.000	504 Sft.
8 x	6.000 x	6.000	288 Sft.

Total 876 Sft.

@ 1336.10 P. Sft. Rs 1170424 /-

- 20 Providing and fixing Aluminum Fly screen comprising of Fiber/Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer brownze Colour/powder coated of size 1-1/2"x1/2" and 1.6mm thick with rubber gasket i/c cost of Hardwares as approved and directed by the engineer in charge. complete in all respect. (Page 207 item No.53)

Take Qty item No.19 876.00 x 0.50 438 Sft.

Total 438 Sft.

@ 688.35 P. Sft. Rs 301497 /-

- 21 P/F1- 1/2" thick solid flush door comprising of 2.5mm thick Commercial ply compressed over 2.5mm thick commercial ply over 1" thick packing wood in style and rails under proper pressure i/c the cost of nails, tower bolt, handles, glue, sawing charges, Painting charges, sand paper in gand 3/8" thick matching wooden lipping as approved and directed by the Engineer Incharge.

10 x	3.500 x	7.000	245 Sft.
------	---------	-------	----------

Total 245 Sft

@ 453.75 P. Sft Rs 111169 /-

- 22 Providing and fixing floor trap of cast iron i/c concrete chamber all reoung and C.I grating 4"x3"

1 x	11.000	11 No
-----	--------	-------

Total 11 No

@ 514.20 Each Rs 5656 /-

- 23 Providing and fixing UPVC Door 38-mm thickness i/c Delux matching color UPVC frame matt or Glossy Finish having color(white Gray Marble Gray Oak Wood Dard Oak Wood Coffee Wood Honey Pine Wood Mahogany Marry Gold Chocolate Brown Honey Dew i/c all accessories i/c locks complete in all respect as approved by the Engineer Incharge

2 x 2.500 x 7.000 35 Sft.

Total 35 Sft.

@ 750.00 P. Sft. Rs 26250 /-

- 24 Single layer of tiles 9"x 4 1/2"x 1 1/2" laid over 4" earth and 1" mud plaster without Bhoosa, grouted with cement sand 1:3 on top of RCC roof slab, provided with 34 lbs. Per %sft. Or 1.72 Kg/Sq.m bitumen coating sand blinded i/c polythene sheet 500 guage

1 x	66.000 x	44.000	2904.00 Cft.
1 x	14.000 x	6.500	91.00 Cft.
1 x	48.000 x	21.500	1032.00 Cft.
1 x	44.500 x	90.000	4005.00 Cft.
1 x	20.000 x	18.250	365.00 Cft.
1 x	58.750 x	13.500	793.13 Cft.
1 x	38.250 x	13.500	516.38 Cft.
1 x	18.000 x	16.000	288.00 Cft.
1 x	50.500 x	37.250	1881.13 Cft.
1 x	15.250 x	13.500	205.88 Cft.
1 x	18.000 x	10.500	189.00 Cft.
1 x	35.000 x	2.250	78.75 Cft.
1 x	82.750 x	13.750	1137.81 Cft.
1 x	39.000 x	17.250	672.75 Cft.
1 x	10.000 x	4.250	42.50 Cft.
1 x	98.500 x	34.750	3422.88 Cft.
1 x	94.250 x	23.250	2191.31 Cft.

Net Total = 19817 Sft

@ 8448.20 %Sft. Rs 1674138 /-

- 5 Brick tile of size (9"x4-1/2"x1-1/2") laid flat in cement mortar 1:3 on top of bed (Labour rate only)

1 x	55.250 x	25.000	1381.25 Cft.
1 x	52.000 x	21.750	1131.00 Cft.
1 x	18.250 x	7.000	127.75 Cft.
1 x	7.250 x	7.000	50.75 Cft.
1 x	20.250 x	10.250	207.56 Cft.
1 x	7.250 x	7.000	50.75 Cft.
1 x	55.250 x	86.000	4751.50 Cft.
1 x	20.250 x	10.250	207.56 Cft.
1 x	7.250 x	7.000	50.75 Cft.
1 x	18.250 x	7.000	127.75 Cft.
1 x	7.250 x	7.000	50.75 Cft.
1 x	52.000 x	49.000	2548.00 Cft.
1 x	24.500 x	7.250	177.63 Cft.
1 x	18.250 x	5.750	104.94 Cft.
1 x	52.000 x	44.500	2314.00 Cft.
1 x	19.500 x	7.000	136.50 Cft.
1 x	54.000 x	49.000	2646.00 Cft.
1 x	14.000 x	2.500	35.00 Cft.
1 x	26.000 x	21.250	552.50 Cft.
1 x	66.000 x	44.000	2904.00 Cft.
1 x	14.000 x	6.250	87.50 Cft.
1 x	48.000 x	21.500	1032.00 Cft.
1 x	44.500 x	90.000	4005.00 Cft.
1 x	68.000 x	48.000	3264.00 Cft.
1 x	34.000 x	1.833	62.33 Cft.
1 x	20.000 x	18.250	365.00 Cft.
1 x	58.750 x	13.500	793.13 Cft.
1 x	38.250 x	13.500	516.38 Cft.
1 x	18.000 x	16.000	288.00 Cft.
1 x	50.500 x	37.250	1881.13 Cft.
1 x	15.250 x	13.500	205.88 Cft.
1 x	18.000 x	10.500	189.00 Cft.
1 x	35.000 x	2.250	78.75 Cft.
1 x	82.750 x	13.750	1137.81 Cft.

1 x	39.000 x	17.250	672.75 Cft.
1 x	10.000 x	4.250	42.50 Cft.
1 x	98.500 x	34.750	3422.88 Cft.
1 x	94.250 x	23.250	2191.31 Cft.
1 x	12.000 x	5.000	60.00 Cft.
1 x	13.250 x	9.250	122.56 Cft.
1 x	13.250 x	13.500	178.88 Cft.
2 x	19.000 x	9.000	342.00 Cft.
2 x	14.000 x	9.000	252.00 Cft.
Total			40746.71 Sft
			@ 3478.20 % Sft Rs 1417252 /-

25 Providing and fixing automatic hydraulic operated door closer imported heavy duty complete in all respect as approved and directed by the Engineer Incharge. (Page 93 item No. 67)

1 x	12.000	12 No	
		Total	12 No
		@ 2641.55	Each Rs 31699 /-

26 P/F fancy type internal door lock imported best quality complete in all respect and as approved by the E.gineer incharge.

1 x	15.000	15 No	
		Total	15 No
		@ 2800.00	Each Rs 42000 /-

26 Pacca brick work in other than building 1:4 upto 10' height.

1 x	6.000 x	0.375 x	4.000	9.00 Cft.
8 x	2.000 x	0.375 x	1.875	11.25 Cft.
4 x	1.875 x	0.375 x	1.375	3.87 Cft.
3 x	2.000 x	0.375 x	2.875	6.47
Total				30.59 Cft.
				@ 23378.15 %Cft. Rs 7150 /-

26 Pacca brick work in other than building 1:5 upto 10' height.

1 x	18.000 x	0.750 x	5.000	67.50 Cft.
2 x	5.000 x	0.750 x	8.500	63.75 Cft.
3 x	4.500 x	0.750 x	7.000	70.88 Cft.
1 x	8.000 x	0.750 x	12.000	72.00 Cft.
2 x	1.125 x	0.750 x	7.000	11.81 Cft.
1 x	7.500 x	0.750 x	4.000	22.50 Cft.
2 x	4.000 x	0.750 x	4.000	24.00
1 x	7.500 x	0.750 x	1.500	8.44
2 x	4.000 x	0.750 x	1.500	9.00 Cft.
2 x	3.500 x	0.750 x	8.500	44.63 Cft.
1 x	1.500 x	0.750 x	8.500	9.56 Cft.
2 x	2.000	1.125 x	8.500	28.69
1 x	10.000 x	2.000 x	0.500	10.00 Cft.
1 x	10.000 x	1.000 x	0.500	5.00 Cft.
1 x	10.000 x	0.750 x	1.500	11.25 Cft.
6 x	35.000 x	0.750 x	2.500	393.75 Cft.
Total				852.75 Cft.
				@ 22710.95 %Cft. Rs 193668 /-

- 29 Fabrication of mild steel reinforcement for cement conc; i/c cutting bending laying in position making joints and fastenings for binding wire and labour charges for bending of steel reinforcement (also includes removal of rust from bars Deformed bars.40-G.

- 27 P/L reinforced cement concrete (i/c prestressed concrete) using coarse sand creened graded and washed aggregate in required shape and design i/c forme moulds huttering lifting compecting curing rendering and finishing exposed surface complete (but xclude the cost of steel reinforcement its fabrication and placing in poission etc RCC in roof slab beams columns lintels girders and other structural members laid in situ or precast laid in position or prestressed members cost in situ complete foundation base slab of columns and retaining wall etc ratio 1:2:4

1 x	3.500 x	0.750 x	0.500	1.31
1 x	6.500 x	0.750 x	0.500	2.44 Cft.
1 x	4.500 x	0.750 x	0.500	1.69 Cft.
1 x	7.500 x	5.000 x	0.375	14.06
1 x	15.000 x	2.000 x	0.250	7.50 Cft.
1 x	8.000 x	2.000 x	0.250	4.00 Cft.
1 x	6.000 x	2.000 x	0.250	3.00 Cft.
1 x	13.000 x	2.000 x	0.250	6.50 Cft.
Total				40.50 Cft.

@ 471.80 P.Cft

19108

- 28 Providing and fixing mild steel chowkat of doors, windows, C.window, etc. including holdfast, making and threading holes for hinges, etc. complete M.S. angle iron 1½"x 1½"x ¼" (40x40x6 mm) welded with M.S. flat 2"x ¼".

2 x	5.00 x	8.500	85.00 Sft
7 x	3.50 x	8.500	208.25 Sft
1 x	4.00 x	8.500	34.00 Sft
2 x	2.50 x	7.000	35.00 Sft
1 x	3.00 x	7.000	21.00 Sft
			383.25 Sft

@ 337.95 %Sft.

129519

- 28 Cement plaster 1:4 upto 20' height 1/2" thick.

1 x	2.000 x(	33.750 .+	18.000)x	5.000	517.50 Sft
1 x	2.000 x(	32.750 .+	18.000)x	5.000	507.50
1 x	2.000 x(	21.750 .+	14.250)x	5.000	360.00
1 x	2.000 x(	5.750 .+	3.750)x	5.000	95.00
1 x		12.000 x	5.000		60.00 Cft.
2 x		10.500 x	5.000		105.00 Cft.
1 x	2.000 x(	10.000 .+	14.250)x	5.000	242.50
1 x	2.000 x(	6.000 .+	4.000)x	5.000	100.00
1 x	2.000 x(	15.000 .+	0.000)x	5.000	150.00
1 x		10.000 x	5.000		50.00 Cft.
1 x	2.000 x(	13.000 .+	14.250)x	5.000	272.50
1 x	2.000 x(	8.000 .+	14.250)x	5.000	222.50
1 x	2.000 x(	13.000 .+	18.000)x	5.000	310.00
1 x	2.000 x(	8.000 .+	9.750)x	5.000	177.50
1 x	2.000 x(	8.000 .+	9.000)x	5.000	170.00
1 x	2.000 x(	69.000 .+	7.000)x	5.000	760.00
1 x	2.000 x(	21.000 .+	7.000)x	5.000	280.00
1 x	2.000 x(	69.000 .+	7.250)x	5.000	762.50
1 x	2.000 x(	21.000 .+	7.250)x	5.000	282.50
2 x	2.000 x(	5.500 .+	4.000)x	5.000	190.00
1 x	2.000 x(	6.500 .+	4.000)x	5.000	105.00
1 x	2.000 x	6.00 x	4.000		48.00 Sft
8 x	2.000 x	2.00 x	1.875		60.00 Sft
4 x	2.000 x	1.88 x	1.375		20.63 Sft
3 x	2.000 x	2.00 x	2.875		34.50 Sft
1 x	2.000 x	18.00 x	5.000		180.00 Sft
2 x	2.000 x	1.13 x	8.500		38.25 Sft
3 x	1.000 x	4.50 x	7.000		94.50 Sft
1 x	2.000 x	8.00 x	12.000		192.00 Sft
2 x	2.000 x	1.13 x	7.000		31.50 Sft
2 x	1.000 x	6.00 x	4.000		48.00 Sft
2 x	1.000 x	4.00 x	4.000		32.00 Sft
1 x	1.000 x	7.50 x	5.500		41.25 Sft
2 x	1.000 x	5.50 x	5.500		60.50 Sft
2 x	1.000 x	6.00 x	2.250		27.00 Sft
2 x	1.000 x	4.00 x	2.250		18.00 Sft
2 x	2.000 x	3.50 x	8.500		119.00 Sft
1 x	2.000 x	1.50 x	8.500		25.50 Sft
2 x	2.000 x	1.13 x	8.500		38.25 Sft
2 x	1.000 x	10.00 x	1.000		20.00 Sft
2 x	1.000 x	6.00 x	0.500		6.00 Sft
6 x	1.000 x	35.00 x	2.500		525.00 Sft
					7379.88 Sft

@ 2591.50 %Sft.

191249

36 Making And Fixing Stainless Steel Edge Protector 2-1/2"X2-1/2" 18-Swg I/C Fixing With Screws On Porcelain Tile Dado Corners Complete In All Respects And As Approved By The Engineer Incharge

1 x

200
500.000 x

5.000

1000
2500.00 Cft.

Total

2500 Sft.

@ 580.00

P. Sft.

Rs

580,000
1450000 /-

Total

Rs. 13243036
1572388 /-

D/d Cost of Old Material

Rs 36000 /-

Total

Rs. 15686388

13207,036


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Burewala


EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI

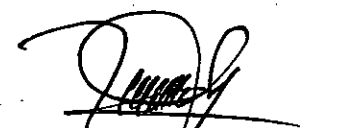
Electric installation (Gyne Ward)

Sr. No.	Description of Item's	Unit	As per Approved Rough Cost Estimate "A"			Amount of Work already allotted "B"			As per Revised Rough Estimate							Amount	Excess (17-9)	Saving (9-17)	Remarks
									Work Done/alltoted			Work yet to be allotted /additional scope			Total				
			Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty (10+13)				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
I	S/E of PVC pipe for wiring recessed in walls, i/c inspection boxes, pull boxes, hooks, cutting jhamies, and repairing surface, etc., complete with all specials i. 1/2" dia.	P.Rft	2000.00	69.40	138800	2000.00	69.40	138800	152	69.40	10549		69.40	0	152	10549	-	128251	
II	i. 1" dia.	P.Rft	2500.00	80.45	201125	2500.00	80.45	201125	652	80.45	52453		80.45	0	652	52453	-	148672	
III	i. 1-1/4" dia.	P.Rft		103.60	0	0.00	103.60	0		103.60	0		103.60	0	0	0	-	-	
2	S/E of single core PVC insulated copper conductor cables in pre-laid PVC pipe/M.S conduit/ G.I. pipe/ wooden strip battan/wooden casing and capping/G.I. wire/trenches (Rates for cable only) 250/440 volts .i) 3/0.029".	P.Rft	12000.00	20.95	251400	12000.00	20.95	251400	4058	20.95	85015		20.95	0	4058	85015	-	166385	
	ii. 7/0.029".	P.Rft	8525.00	33.00	281325	8525.00	33.00	281325	3082	33.00	101706		33.00	0	3082	101706	-	179619	
III	ii. 7/0.036".	P.Rft	4500	43.50	195750	4500.00	43.50	195750	2357	43.50	102530		43.50	0	2357	102530	-	93221	
III	ii. 7/0.044".	P.Rft	3000	60.60	181800	3000.00	60.60	181800	202	60.60	12241		60.60	0	202	12241	-	169559	
IV	ii. 7/0.064".	P.Rft	2500.00	140.05	350125	2500.00	140.05	350125	45	140.05	6302		140.05	0	45	6302	-	343823	
3	Supply and erection of M.S. sheet box of 16 SWG, 10 cm (4") 38.1 deep, with 4.75 mm thick (3/16") bakelite sheet top, for to recessed wiring, including making holes for regulators, 4"x4"											53	224.65	11906	53	11906	11906	-	
4	Supply and erection of M.S. sheet box of 16 SWG, 10 cm (4") 38.1 deep, with 4.75 mm thick (3/16") bakelite sheet top, for to recessed wiring, including making holes for regulators, 7"x4"											23	311.10	7155	23	7155	7155	-	
5	Supply and erection of M.S. sheet box of 16 SWG, 10 cm (4") 38.1 deep, with 4.75 mm thick (3/16") bakelite sheet top, for to recessed wiring, including making holes for regulators, 8"x10"											1	576.20	576	1	576	576	-	
6	P/F PVC double layer Switch kit Faceplate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge (One gange Small)	Each	30.00	343.80	10314	30.00	343.80	10314	30	343.80	10314		343.80	0	30	10314	-	-	
7	--do-- large size 6-gange	Each	25.00	1259.40	31485	25.00	1259.40	31485	25	1259.40	31485		1259.40	0	25	31485	-	-	
8	Providing and Fixing Floriscent Tube Light (2'x2') Philips / Pak Made simple in false ceiling comprising of 4-Nos. Starters, 4-Nos. Chowkes 20 watts and 4-Nos. Tube rods 20 watts with fancy grill etc. complete in all respects as approved by the Engineer Incharge.	Each	16.00	10900.00	174400	16.00	10900.00	174400	16	10900.00	174400		10900.00	0	16	174400	-	-	
9	Providing and fixing Copper winded Exhaust fan with louver and shutter made of Pak/Younas/G.F.C. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge. 12" sweep (Page 189 item No.102)	Each	10	2201.85	22019	10.00	2201.85	22019	10	2201.85	22019		2201.85	0	10	22019	-	-	

10	P/F wall mounted DB (Distribution Board) made with 16SWG Sheet Reccssded/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights, Thimble, Copper Comb, Wiring, Netural & Earth Bar, Door Earthing, Digital Voltmeter, Digital Ammeter, Volt Selector Switch, Ammeter selector switch, Current Transformers and Conroles Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately). (i) 20-60A (18"x24"x6") (Page 184 item No. 90)	Each	4.00	41912.65	167651	4.00	41912.65	167651	4	41912.65	167651		41912.65	0	4	167651	-	-	
11	S/o ceiling fan 56" sweep (GFC / Pak made) i/c accessories ccomplete in all respects as approved by the Engineer Incharge.	Each	20	5500.00	110000	20.00	5500.00	110000	20	5500.00	110000		5500.00	0	20	110000	-	-	
12	Erection of ceiling fan alongwith regulator (all sizes), including carriage from local Railway Station/Store to site of work, electric wire/cable for suspension rod and board connection, and cutting, threading on the rod, where necessary.	Each	20	384.35	7687	20.00	384.35	7687	20	384.35	7687		384.35	0	20	7687	-	-	
13	Providing and Fixing of Bracket fan 18" sweep (G.F.C / Pak / Younus) with electric connection complete in all respects as approved by the Engineer Incharge.	Each	5.00	3600.00	18000	5.00	3600.00	18000	5	3600.00	18000		3600.00	0	5	18000	-	-	
14	S/E of 3/8" dia M.s bar fan hook placed at the time of casting of slab i/c sheet box 7"x4"	Each	20	368.25	7365	20.00	368.25	7365	20	368.25	7365		368.25	0	20	7365	-	-	
Total					2149245			2149245			919716			19638		939354	19638	1229529	



Sub Divisional Officer
Buildings Sub Division
Burewala.



EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI

- 7 Providing and fixing Copper winded Exhaust fan with louver and shutter made of Pak/Younas/G.F.C. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge. 12" sweep (Page 189 item No.102)

1 x 10.000

10 No

Total

10 No

@ 2201.85 Each Rs. 22019 /-

- 8 P/F wall mounted DB (Distribution Board) made with 16SWG Sheet Recessed/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights, Thimble, Copper Comb, Wiring, Netural & Earth Bar, Door Earthing, Digital Voltmeter, Digital Ammeter, Volt Selector Switch, Ammeter selector switch, Current Transformers and Controles Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately). (i) 20~60A (18"x24"x6") (Page 184 item No. 90)

4 Nos.

@ 41912.65 Each Rs. 167651 /-

- 9 S/o ceiling fan 56" sweep (GFC / Pak made) i/c accessories ccomplete in all respects as approved by the Engineer Incharge.

20 Nos.

@ 5500.00 Each Rs. 110000 /-

- 10 Erection of ceiling fan alongwith regulator (all sizes), Including carriage from local Railway Station/Store to site of work, electric wire/cable for suspension rod and board connection, and cutting, threading on the rod, where necessary.

20 Nos.

@ 384.35 Each Rs. 7687 /-

- 11 Providing and Fixing of Bracket fan 18" sweep (G.F.C / Pak / Younus) with electric connection complete in all respects as approved by the Engineer Incharge.

1 x 5.000

5 No

Total

5 No

@ 3600.00 Each Rs. 18000 /-

- 12 S/E of 3/8" dia M.s bar fan hook placed at the time of casting of slab.

1 x 30.000

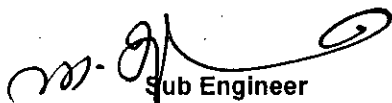
20 No

Total

20 No

@ 368.25 Each Rs. 7365 /-

Total Rs. 939354 /-


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Burewala


EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI

Public Health (Gyne Ward)

Sr. No.	Description of Item's	Unit	As per Approved Rough Cost Estimate "A"			Amount of Work already allotted "B"			As per Revised Rough Estimate							Amount	Excess (17-9)	Saving (9-17)	Remarks
									Work Done/allotted			Work yet to be allotted /additional scope			Total				
			Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty (10+13)				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	P/F glazed earthen ware water closet squatter type (Orisa pattern) combined with foot rest. (Coloured)	Each	3.00	2174.70	6524	3.00	2174.70	6524	3.00	2174.70	6524		2174.70	0	3.00	6524	-	-	
2	P/F "P" trap 4" dia glazed.	Each	3.00	218.35	655	3.00	218.35	655	3.00	218.35	655		218.35	0	3.00	655	-	-	
3	Providing and fitting glazed earthen ware wash hand basin 22"x16" i.e. bracket set waste pipe and waste coupling etc. i) colour with pedestal.	Each	4.00	4587.90	18352	4.00	4587.90	18352	4.00	4587.90	18352		4587.90	0	4.00	18352	-	-	
4	Providing and fitting plastic made low down flushing cistern 3 gallons capacity i.e. bracket set copper connection etc. complete (white).	Each	3.00	2379.65	7139	3.00	2379.65	7139	3.00	2379.65	7139		2379.65	0	3.00	7139	-	-	
5	Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of 3-No Tee stop cocks, lever type Basin Mixer, double Bib Cock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge. (i) 3 No Tee Stop Cock (ii) Lever Type Basin Mixer (iii) Double Bib Cock (iv) Open Type Wall Shower (v) Muslim shower (vi) Waste Coupling (vii) Bottle Trap. (Page No.134)	Each	1.00	32650.85	32651	1.00	32650.85	32651	1.00	32650.85	32651		32650.85	0	1.00	32651	-	-	
6	Providing and fixing BATHROOM ACCESSORIES (7-piece set) MASTER BRAND - One Cosmetic Shelf, One Towel rod with bracket, One soap dish, One double hook, One towel ring, brush holder, toilet paper holder & looking glass i/c the cost of hardware etc complete in all respect as approved and directed by the Engineer incharge. (Page 129)	Each	3	6600.00	19800	3	6600.00	19800	3	6600.00	19800		6600.00	0	3.00	19800	-	-	
7	Providing and fixing 1/2" dia Muslim Shower of Faisal / Master comprising of 1/2" dia one-meter long rubber/CP flexible pipe and hand shower set complete in all respects as approved and directed by the Engineer Incharge	Each	3	2016.60	6050	3	2016.60	6050	3	2016.60	6050		2016.60	0	3.00	6050	-	-	
8	P/F c.p tee stop cock 1/2"	Each	6.00	886.20	5317	6.00	886.20	5317	6.00	886.20	5317		886.20	0	6.00	5317	-	-	
9	P/F C.P fixing mixing valve for WHB complete	Each	2.00	1977.75	3956	2.00	1977.75	3956	2.00	1977.75	3956		1977.75	0	2.00	3956	-	-	
10	P/F C.P bib cock 1/2" dia.	Each	6.00	466.20	2797	6.00	466.20	2797	6.00	466.20	2797		466.20	0	6.00	2797	-	-	
11	P/F double bib cock 1/2" dia.	Each	3.00	1681.55	5045	3.00	1681.55	5045	3.00	1681.55	5045		1681.55	0	3.00	5045	-	-	
12	Polypropylene Random Copolymer (PPRC) (Dadex Beta/ BBJ) Specials with fusion / threaded joints. P/Laying polythene pipe (Dadex/Beta/BBJ) 25-MM	P.Rft	500	46.60	23300	500	46.60	23300	500	46.60	23300		46.60	0	500.00	23300	-	-	
ii	32-MM	P.Rft	800	75.20	60160	800	75.20	60160	800	75.20	60160		75.20	0	800.00	60160			
15	Providing/fixing Electric water heater (Geyser) comprising of tank of 14 SWG, GI sheet and external cover of 22 SWG MS sheet, insulated with 4" thick high density glass wool, imported thermostat i/c electric rod, safety valve (Ambassador / Canon) i/c cost of accessories & making connection complete in all respect as approved and directed by Engineer Incharge. ii) 20 Gal capacity (Page 134 item No.55)	Each	3.00	19567.80	58703	3.00	19567.80	58703	3.00	19567.80	58703		19567.80	0	3.00	58703	-	-	
Total					250448			250448			250448			0		250448	0	0	


Sub Divisional Officer
Buildings Sub Division
Burewala.

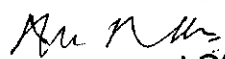
EXECUTIVE ENGINEER
BUILDINGS DIVISION

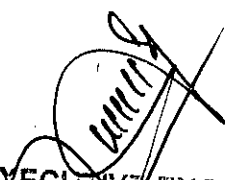
CONSTRUCTION OF BOUNDARY WALL WITH GATE & GATE PILLARS & RAZOR CUT WIRE
AT THO HOSPITAL BUREWALA.

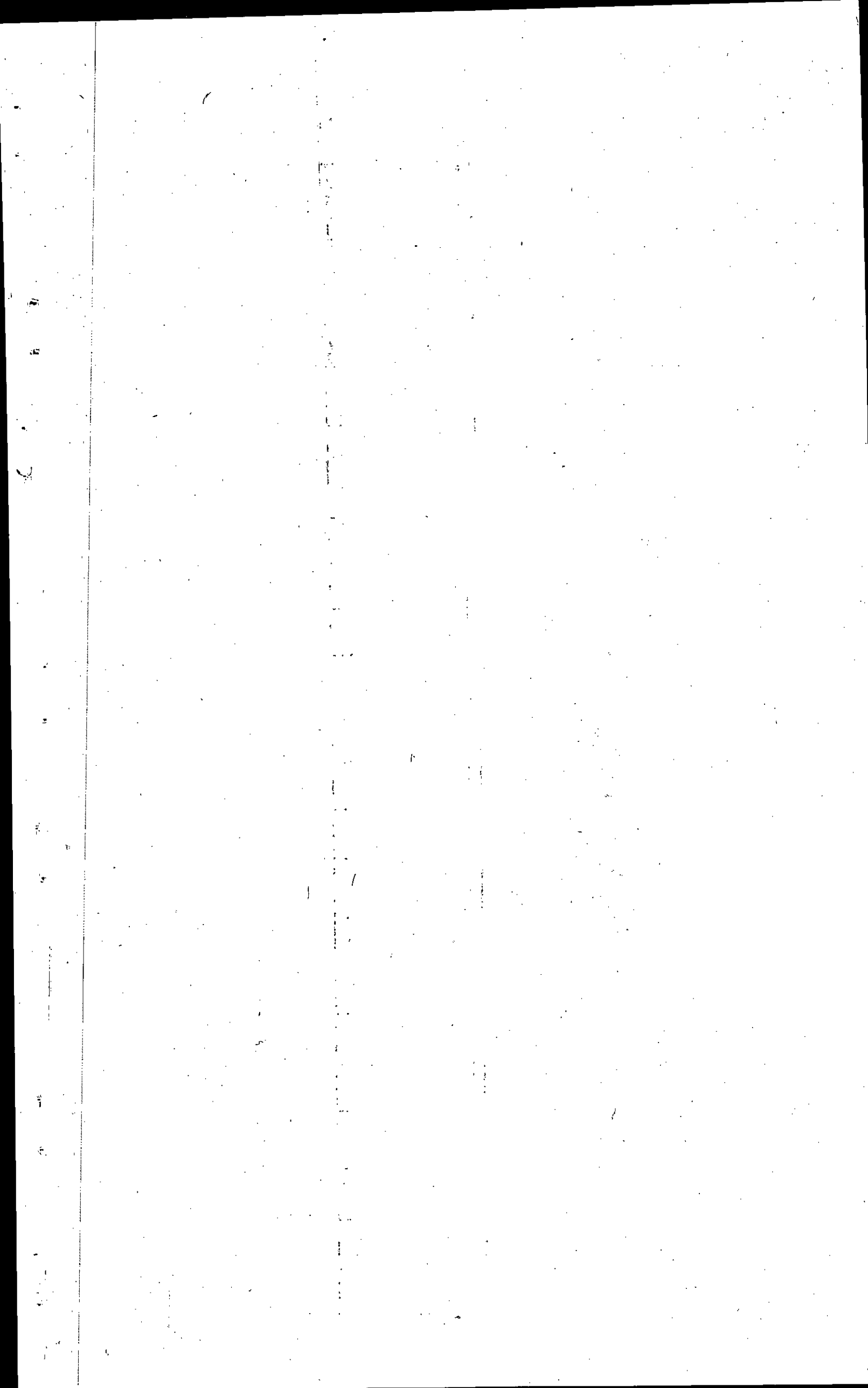
MRS 1st Bi Annual 2022

Sr. No.	Description of Items.	Work done/ alloted	Work yet to be alloted /additional scope	Total
1	Const: of Boundary Wall 9" Thick, 6' High Above DPC Level" - P.Rft 3317	8133902	929410	9063312
2	Construction of Gate & Gate Pillar (2-Nos	870895	0	870895
3	Provision of Razor Cut Wire (3317-Rft @Rs.322.55/- P.Rft)	1069898	0	1069898
4	Cost of Dismanling	374751	0	374751
Total.		10449447	929410	11378857
	D/d Cost of Old Material	371961	0	371961
	Net Total	10077486	929410	11006896


SUB ENGINEER


Sub Divisional Officer
Buildings Sub Division
Burewala.


EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI



EYE WARD

Sr. No.	Description of Item's	Unit	As per Approved Rough Cost Estimate "A"			Amount of Work already allotted "B"			As per Revised Rough Estimate							Amount	Excess (17-9)	Saving (9-17)	Remarks
									Work Done/allotted			Work yet to be allotted /additional scope			Total				
			Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty (10+13)				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Excavation in foundation of buildings and other structure i/c dagbelling dressing around structure with excavated earth watering and ramming lead upto one chain and lift upto 5ft in ordinary soil.	%Cft	16585.00	8727.85	144751	16585.00	8727.85	144751	14996	8727.85	130881		8727.85	0	14996	130881	-	13871	
2	Dry rammed brick or stone ballast 1-1/2" to 2" gauge.	%Cft	4146.25	4474.80	185536	4146.25	4474.80	185536	4061	4474.80	181733		4474.80	0	4061	181733	-	3804	
3	Pacca brick work in F&P and plinth, ratio 1:5.	%Cft	12438.75	21823.80	2714608	12438.75	21823.80	2714608	12439	21823.80	2714608	3225	21823.80	703797	15664	3418405	703797	-	
4	Cement concrete plain i/c placing compaction finishing and curing complete (i/c screening and washing of stone aggregate) 1:2:4.	%Cft	466.45	28918.55	134891	466.45	28918.55	134891	466	28918.55	134891	383	28918.55	110702	849	245593	110702	-	
5	Pacca brick work in other than building 1:5 upto 10' height.	%Cft	16040.25	22710.95	3642893	16040.25	22710.95	3642893	16040	22710.95	3642893	506	22710.95	114910	16546	3757803	114910	-	
6	Cement pointing struck joint on wall upto 20' height (Ratio 1:2) i/c Extra cost of labour and material for red oxide pigment in cement pointing to match with the colour of bricks.	%Sft	34803	3388.40	1179265	34803	3388.40	1179265	29559	3388.40	1001590		3388.40	0	29559	1001590	-	177674	
7	Cement plaster 1:4 upto 20' height 1/2" thick.	%Sft	19420	2591.50	503269	19420	2591.50	503269	12630	2591.50	327306		2591.50	0	12630	327306			
Total					8505208			8505208			8133902			929410		9063312	929410	195349	

Sub Divisional Officer
Buildings Sub Division
Burewala.

EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI

7 Cement plaster 1:4 upto 20' height 1/2" thick.

1 x	1945.00 x	6.000
1 x	1945.00 x	0.750
1 x	326.00 x	6.000
34 x	0.38 x	6.000

11670.00 Cft.
1458.75
1956.00 Cft.
76.50 Cft.

Total 15161.25 Sft

D/d 375 x 1.125 x 6.000

(-) 2531.25

Net.

12630 Sft
@ 2591.50 %Sft.

Rs. 327306 /-

Total

Rs. 9063312 /-


m. g.


An N. H.
Sub Divisional Officer
Buildings Sub Division
Burewala.

[Signature]
EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI

GATE & GATE PILLARS

Sr. No.	Description of Item's	Unit	As per Approved Rough Cost Estimate "A"			Amount of Work already allotted "B"			As per Revised Rough Estimate							Amount	Excess (17-9)	Saving (9-17)	Remarks
									Work Done/allotted			Work yet to be allotted /additional scope			Total				
			Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty (10+13)				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Excavation in foundation of buildings and other structure i/c dagbelling dressing around structure with excavated earth watering and ramming lead upto one chain and lift upto 5ft in ordinary soil.	%Cft	132.00	8727.85	1152	132.00	8727.85	1152	132.00	8727.85	1152		8727.85	0	132.00	1152			
2	Cement concrete brick or stone ballast 1-1/2" to 2" gauge 1:6:12.	%Cft	56.00	14069.10	7914	56.00	14069.10	7914	56.00	14069.10	7914		14069.10	0	56.00	7914			
3	Pacca brick work in F&P and plinth, ratio 1:4.	%Cft	108.90	22491.00	24493	108.90	22491.00	24493	108.90	22491.00	24493		22491.00	0	108.90	24493			
4	Pacca brick work in other than buildings upto 10' height in cement sand 1:5	%Cft	182.25	22710.95	41391	182.25	22710.95	41391	182.25	22710.95	41391		22710.95	0	182.25	41391			
5	Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and other structural members other than those mentioned in 5(a) (i) above not requiring form work (i.e. horizontal shuttering) complete.	P.Cft	97.88	350.30	34286	97.88	350.30	34286	97.88	350.30	34286		350.30	-1	97.88	34286			
6	Fabrication of mild steel reinforcement for cement conc; i/c cutting bending laying in position making joints and fastenings for binding wire and labour charges for bending of steel reinforcement (also includes removal of rust from bars Deformed bars	%Kg	94	25951.10	24439	94	25951.10	24439	94	25951.10	24439		25951.10	1	94	24439			
7	Cement concrete plain i/c placing compaction finishing and curing complete (i/c screening and washing of stone aggregate) 1:2:4.	%Cft	7	28918.55	1952	7	28918.55	1952	7	28918.55	1952		28918.55	0	7	1952			
8	Preparing surface and painting to doors and windows any type three coats on new surface.	%Sft	208	2453.15	5103	208	2453.15	5103	208	2453.15	5103		2453.15	0	208	5103			
9	Providing and laying superb quality Ceramic tiles dado of Master brand of specified size, Glossy /Matt /Texture skirting / dado of approved Color and Shade with adhesive bond over 1/2" thick (1:2) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer Incharge. i) 12"x18"/12"x24"/10"x24" /8"x24"/12"x36"	P.Sft	396	209.65	83021	396	209.65	83021	396	209.65	83021		209.65	0	396	83021			
10	Making and fixing steel grated door with 1/16" thick (1.5mm) sheeting, including angle iron frame 2"x2"x3/8" (50x50x10 mm) and 3/4" (20 mm) square bars 4" (100 mm) centre to centre, with locking arrangement.	P.Sft	104	2035.55	211697	104	2035.55	211697	104	2035.55	211697		2035.55	0	104	211697			
Total					435447			435447			435447					435447	0	0	


 Sub Divisional Officer
 Buildings Sub Division
 Burewala.


 EXES ENGINEER
 BUILDINGS DIVISION
 VEHARI

- 6 Providing, laying, watering and ramming brick ballast 1½" to 2" (40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects.

1	x	40	x	22.25	x	0.5	=	445	Sft
1	x	206	x	16	x	0.5	=	1648	Sft
1	x	69	x	25.75	x	0.5	=	888	Sft
2	x	40	x	10	x	0.5	=	400	Sft
1	x	35	x	11.5	x	0.5	=	201	Sft
1	x	16	x	10.5	x	0.5	=	84	Sft
1	x	52	x	12.75	x	0.5	=	332	Sft
1	x	28	x	17	x	0.5	=	238	Sft
1	x	500	x	15	x	0.5	=	3750	Sft
Total								3750	2986 Sft
@								5161.30	%Cft

412188
193,537

- 7 P/L of tuff paver tile 60mm thick having minimum crushing strength of 7000 PSI over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to required slope complete in all respect as approved by the Engineer Incharge. **60-MM**

1	x	40	x	22.25	=	890	Sft
1	x	206	x	16	=	3296	Sft
1	x	69	x	25.75	=	1777	Sft
2	x	40	x	10	=	800	Sft
1	x	35	x	11.5	=	403	Sft
1	x	16	x	10.5	=	168	Sft
1	x	52	x	12.75	=	663	Sft
1	x	28	x	17	=	476	Sft
1	x	500	x	15	=	7500	Sft

At front of main OPD

Total 15972 Sft 948,000
@ 126.15 7500 P.Sft 2014899

- 8 1/2" thick cement plaster as the ratio 1:4.

2	x	315	x	2.5	=	1575	Sft
1	x	126	x	2.5	=	315	Sft
							1890 Cft
@							2591.50 %Cft

48979

- 9 Cement concrete plain 1:2:4

2	x	315	x	1.125	x	0.125	=	89	Sft
1	x	126	x	0.75	x	0.125	=	12	Sft
								100	Cft
								@ 28918.55	%Cft

29036

Total 4496648

3,208,098

Sub Engineer

Sub Divisional Officer
Buildings Sub Division
Burewala

Executive Engineer
Buildings Division
Vehari

WATER SUPPLY

Sr. No.	Description of Item's	Unit	As per Approved Rough Cost Estimate "A"			Amount of Work already allotted "B"			As per Revised Rough Estimate							Amount	Excess (17-9)	Saving (9-17)	Remarks
									Work Done/allotted			Work yet to be allotted /additional scope			Total				
			Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty (10+13)				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Excavation of trenches in all kind of soil except shingle gravel or rock for w/s pipe line.	%Cft	2335.00	6204.00	14491	2335.00	6204.00	14491	2336	6204.00	14491		6204.00		2336	14491	-	0	
2	Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe made of (Dadex/Popular/Beta/BBJ) with specified pressure rating PN (PRESSURE NOMINAL) and conforming to DIN8077-8078 code/cost of solvent, specials, making jharies complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned). PN-16 pipe 3" DIA	P.Rft	630.00	933.80	588294	630.00	933.80	588294	630	933.80	588294		933.80	0	630	588294	-	-	
II	2" DIA	P.Rft	320.00	262.30	83936	320.00	262.30	83936	320	262.30	83936		262.30	0	320	83936	-	-	
III	1-1/2" DIA	P.Rft	210.00	172.55	36236	210.00	172.55	36236	210	172.55	36236		172.55	0	210	36236	-	-	
IV	1" DIA	P.Rft	400.00	75.20	30080	400.00	75.20	30080	400	75.20	30080		75.20	0	400	30080	-	-	
V	3/4" DIA	P.Rft	800.00	46.60	37280	800.00	46.60	37280	800	46.60	37280		46.60	0	800	37280	-	-	
3	Providing, laying, testing and commissioning u-PVC (Unplasticized Polyvinyl Chloride) Schedule pipe of nominal diameter, made (Dadex /Popular/ Beta/ BBJ) for water supply i/c the cost of solvent and specials complete as approved and directed by the Engineer Incharge. (viii) 4" dia	P.Rft	800	657.40	525920	800	657.40	525920	800	657.40	525920		657.40	0	800	525920	-	-	
4	Providing and fixing, sluice valve of B.S.S. quality and weight, for Asbestos cement pipe line, with comet joint and rubber ring, complete (including cost of jointing materials): -3" dia	Each	10	9028.05	90281	10	9028.05	90281	10	9028.05	90281		9028.05	0	10	90281	-	-	
II	4" dia	Each	10	10344.75	103448	10	10344.75	103448	10	10344.75	103448		10344.75	0	10	103448	-	-	
5	Providing and fixing gun metal pest/gate valve (screwed): -1-1/2" dia	Each	10	5667.30	56673	10	5667.30	56673	10	5667.30	56673		5667.30	0	10	56673	-	-	
6	Providing and fixing CP heavy duty brass Ball valve with CP handle of specified diameter made of Faisal/Sonex/Master best quality or equivalent complete in all respect as approved and directed by the Engineer Incharge. 3/4" dia	Each	50	1381.20	69060	50	1381.20	69060	6	1381.20	8287		1381.20	0	6	8287	-	60773	
II	1" DIA	Each	30	1621.20	48636	30	1621.20	48636	15	1621.20	24318		1621.20	0	15	24318	-	24318	
III	1-1/2" DIA	Each	30	2077.20	62316	30	2077.20	62316	30	2077.20	62316		2077.20	0	30	62316	-	-	
IV	2" DIA	Each	20	2497.20	49944	20	2497.20	49944	20	2497.20	49944		2497.20	0	20	49944	-	-	

7	Providing, laying, cutting, jointing, testing and disinfecting P.V.C. pipes of B.S.S. with 'D' Class working pressure complete in all respects:-3" dia	P.Rft	2000	390.90	781800	2000	390.90	781800	2000	390.90	781800		390.90	0	2000	781800			
8	Rehandling of earthwork lead upto a single throw of kassi phaorah or shovel.	%oCft	2336	2059.20	4810	2336	2059.20	4810	2336	2059.20	4810		2059.20	0	2336	4810			
Total					2583203			2583203			2498112					2498112		85090	

m. qf

Ran N. Kh.
Sub Divisional Officer
Buildings Sub Division
Burewala.

Quar
EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI

Water Supply

- 1 Excavation of trenches in all kind of soil except shingle gravel or rock for w/s pipe line.

1	(	150	+	165	)	1.5	x	1.5	=	709	Cft
1	(	140 + 50	+	130	)	1.5	x	1.5	=	720	Cft
1	(	90+35+50+35+50+60			)	1.5	x	1.5	=	907	Cft
		+70+80+100+100									

Total **2336** **Cft**

@ 6204.00

%0Cft

14491

Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe made of (Dadex/Popular/Beta/BBJ) with specified pressure rating PN 2 (PRESSURE NOMINAL) and conforming to DIN8077-8078 code/cost of solvent, specials, making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned). **PN-16 pipe** -

3" dia

2 x	(40	+	110	+	20	+	100+45)	=	630	Rft
-----	---	----	---	-----	---	----	---	---------	---	-----	-----

Total **630** **Rft**

@ 933.80

P.Rft

588294

ii 2" dia	140	+	50	+	130				=	320	Rft
-----------	-----	---	----	---	-----	--	--	--	---	-----	-----

Total **320** **Rft**

@ 262.30

P.Rft

83936

iii 1-1/2" dia	90	+	35	+	50 + 35				=	210	Rft
----------------	----	---	----	---	---------	--	--	--	---	-----	-----

Total **210** **Rft**

@ 172.55

Each

36236

iv 1" dia									=	400	Rft
-----------	--	--	--	--	--	--	--	--	---	-----	-----

Total **400** **Rft**

@ 75.20

Each

30080

v 3/4" dia									=	800	Rft
------------	--	--	--	--	--	--	--	--	---	-----	-----

Total **800** **Rft**

@ 46.60

Each

37280

Providing, laying, testing and commissioning μ -PVC (Unplasticized Polyvinyl Chloride) Schedule pipe of nominal diameter, made (Dadex /Popular/ Beta/ BBJ) for water supply i/c the cost of solvent and specials complete as approved and directed by the Engineer Incharge. (viii) 4" dia

= 800 Rft

@ Rs: 657.40 P.Rft

525920

- 4 Providing and fixing, sluice valve of B.S.S. quality and weight, for Asbestos cement pipe line, with comet joint and rubber ring, complete (including cost of jointing materials):-3" dia

= 10 No.

Total **10** **No.**

@ 9028.05

Each

90281

ii 4".dia

= 10 No.

Total **10** **No.**

@ 10344.75

Each

103448

- 5 Providing and fixing gun metal peet/gate valve (screwed):-1-1/2" dia

= 10 No.

Total **10** **No.**

@ 5667.30

Each

56673

SEWERAGE

Sr. No.	Description of Item's	Unit	As per Approved Rough Cost Estimate "A"			Amount of Work already allotted "B"			As per Revised Rough Estimate							Amount	Excess (17-9)	Saving (9-17)	Remarks
									Work Done/allotted			Work yet to be allotted /additional scope			Total				
			Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty (10+13)				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Earthwork excavation in open cutting for sewers and manholes as shown in drawings i/c shuttering and timbering dressing to correct section and dimensions according to templates and levels and removing surface water 0 to 7.	%oCft	5992.00	6750.85	40451	5992.00	6750.85	40451	14956	6750.85	100966		6750.85	0	14956	100966	60515	-	
2	P/L RCC pipe moulded with cement concrete 1:1-1/2:3 with spigot socket or collar joint, etc i/c cost of reinforcement conforming to B.S.5911 Part-I, 1981 Class-L i/c carriage of pipe from factory to site of work lowering in trenches complete in all respect 6" dia	P.Rft	1000.00	226.95	226950	1000.00	226.95	226950	1000	226.95	226950		226.95	0	1000	226950	-	-	
ii	9" dia	P.Rft	1500.00	436.75	655125	1500.00	436.75	655125	1500	436.75	655125		436.75	0	1500	655125	-	-	
iii	12" dia	P.Rft	416.00	637.05	265013	416.00	637.05	265013	416	637.05	265013	876	637.05	558056	1292	823069	558056	-	
iv	18" dia	P.Rft	616.00	1035.35	637776	616.00	1035.35	637776	616	1035.35	637776		1035.35	0	616	637776	-	-	
3	Construction of manhole. 4'x2.50	Each	37	32688.00	1209456	37	32688.00	1209456	1	186728.50	186729		32688.00	0	1	186729	-	1022727	
4	Construction of Circular manhole.	Each			0			0			0	1	1131290.85	1131291	1	1131291	1131291	-	
ii	Construction of septic tank.	Each	15	71246.00	1068690	15	71246.00	1068690	5	71246.00	356230		71246.00	0	5	356230	-	712460	
1, 5	Rehandling of earthwork lead upto a single throw of kassi phaoorah or shovel.	%oCft	5992	2059.20	12339	5992	2059.20	12339	5992	2059.20	12339	8964	2059.20	18459	14956	30797	18459	-	
Total					4115785			4115798			2441126			1707805		4148930	1749861	1022727	

Sub Divisional Officer
Buildings Sub Division
Burewala.

EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI

Sewerage-System

Earthwork excavation in open cutting for sewers and manholes as shown in drawings
 1 i/c shuttering and timbering dressing to correct section and dimensions according to templates and levels and removing surface water 0 to 7'.

2	x(	100+100+50+60+65+70+80+100	)x	2	x	2	=	2500	Cft
2	x(	100+100+50+60+65+70+80+100	)x	2	x	2	=	2500	Cft
1	x(	100+100+30+66+100+100	)x	1	x	2	=	992	Cft
1	x(	100+100+100+100+100+100+147	)x	3	x	4	=	8964	Cft

Total	14956	Cft	
@ 6750.85	%0Cft		100966

- 2 P/L RCC pipe moulded with cement concrete 1:1-1/2:3 with spigot socket or collar joint, etc i/c cost of reinforcement conforming to B.S.5911 Part-I, 1981 Class-L i/c carriage of pipe from factory to site of work lowering in trenches complete in all respect 6" dia

Total	= <u>1000</u> ✓	Rft	
@ 226.95	1000	Rft	226950
	P.Rft		

ii 9" dia

Total	= <u>1500</u> ✓	Rft	
@ 436.75	1500	Rft	655125
	P.Rft		

iii 12" dia

792 + 500 = 1292 ✓ Rft

Total	1292	Rft	
@ 637.05	P.Rft		823069

iv 18" dia

40+45+19+45+40+20+36+40+36+45+30+20+100+100 = 616 ✓ Rft

Total	616	Rft	
@ 1035.35	P.Rft		637776

- 3 Construction of manhole. 4'x2.50

Total	= <u>1</u>	Job	
@ 186729	1	No.	186729
	Each		

- 3 Construction of Circular manhole.


Total	= <u>1</u>	Job	
@ 1131291	1	No.	1131291
	Each		


- 4 Construction of septic tank.


Total	= <u>5</u>	No.	
@ 71246	5	No.	356228
	Each		

5. Rehhandling of earthwork lead upto a single throw of kassi phaorah or shovel.

Total	= <u>14956</u>	Cft	
@ 2059.20	14956	Cft	30797
	%0Cft		4148930


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Burewala


Executive Engineer
Buildings Division
Vehari

ANALYSIS OF RATE FOR MAN HOLE 4'X2-1/2'X4'

MRS. 1ST BI-ANNUAL-2022 (01.01.2022 to 30.06.2022)

- 1 Earth work excavation in open cutting for sewer and manhole as shown in drawing i/c shuttering and tambering gressign to correct section and dimensions according to templates and levels and removign surface water in all type of soil except shingle gravel and rock 0 to 7 depth.

4 x	6 x	4.50 x	4.00
4 x	4.50 x	4.50 x	4.00

	432 Cft	
	324 Cft	
Total	756 Cft	
	@ 6750.85	%Cft Rs 5104 /-

- 2 Cement concrete brick or stone ballest 1-1/2" to 2" gauge 1:4:8.

4 x	6 x	4.50 x	0.50
4 x	4.50 x	4.50 x	0.50

	54 Cft	
	41 Cft	
Total	95 Cft	
	@ 16698.30	%CFt Rs 15780 /-

- 3 Pacca brick work other than 10' hight sand mortar 1:3.

4 x	2 x(	5.50 +	2.50)x	0.75 x	4.00
4 x	2 x(	5.50 +	4.00)x	0.75 x	4.00

	192 Cft	
	228 Cft	
Total	420 Cft	
	@ 24390.21	%CFt Rs 102439 /-

- 4 Cement concrete plain i/c placing , compacting, finishing and curing complete 1:2:4.

4 x	4 x	2.50 x	0.17
4 x	4 x	4.00 x	0.17
10 x	1.83 x	1.83 x	0.17
10 x	6.66 x	0.38 x	1.50

	7 Cft	
	11 Cft	
	6 Cft	
	37 Cft	
	60 Cft	
	@ 28918.55	%CFt Rs 17434 /-

- 5 1/2" thick cement plaster 1:4 20' height

1 x	2 x(	4 +	2.50)x	4.00
1 x	2 x(	5.5 +	4.00)x	1.50
4 x	2 x(	5.5 +	2.50)x	0.75
4 x	2 x(	5.5 +	4.00)x	0.75

	52 SFt	
	29 SFt	
	48 SFt	
	57 SFt	
Total	186 SFt	
	@ 2591.50	%SFt Rs 4807 /-

- 6 R.C.C in slab of rafts / strip foundation base slab of column complete in all respect. 1:2:4.

4 x	5.50 x	4.00 x	0.250
4.00 x	5.50 x	5.50 x	0.250
10.00 x	1.83 x	1.83 x	0.250

	22.00 Cft	
	30.25	
	8.37	
Net Total	60.62	
	@ 350.30	P.Cft Rs 21236 /-

- 7 Fabrication of mild steel reinforcement for cement concrete, i/c cutting bending laying in position Defarms bars.

	54 Kg	
	@ 25951.10	%Kg Rs 14014 /-

- 8 Extra for making and finishing benching floor work in manhole chamber with 1/8" thick cement finish.

1 x	4 x	2.50
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	10 SFt	
	@ 2308.90	% SFt Rs 231 /-

- 9 Providing and fixing, 6" (150 mm) thick R.C.C. manhole cover for 22" as per standard drawing STD/PD No. 6 of 1977, complete in all respects.

	1 Nos	
	@ 5684.65	Each Rs 5685 /-

Total Rs. 186729 /-

Sub Divisional Officer
Buildings Sub Division
Burewala

Executive Engineer
Buildings Division
Vehari

ANALYSIS OF RATE FOR MAN HOLE Circular Masonary

MRS. 1ST BI-ANNUAL-2022 (01.01.2022 to 30.06.2022)

- 1 Earth work excavation in open cutting for sewer and manhole as shown in drawing i/c shuttering and tambering gressign to correct section and dimensions according to templates and levels and removign surface water in all type of soil except shingle gravel and rock 0 to 7 depth.

30 x	3.142 x	7 x	7.00 x	0.25 x	6.00	6928 Cft
Total						6928 Cft

@ 6750.85 %0Cft Rs 46771 /-

- 2 Cement concrete brick or stone ballest 1-1/2" to 2" gauge 1:4:8.

30 x	3.142 x	7 x	7.00 x	0.25 x	0.50	577 Cft
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Total 577 Cft

@ 16698.30 %CFt Rs 96406 /-

- 3 Pacca brick work other than 10' high sand mortar 1:4:

30 x	3.142 x	4.625 x	1.125 x	x	1.00	490 Cft
30 x	3.142 x	3.415 x	0.750 x	x	3.25	785 Cft

Total 1275 Cft

@ 24390.21 %CFt Rs 310993 /-

- 4 Cement concrete plain i/c placing , compacting, finishing and curing complete 1:2:4.

30 x	3.142 x	3.50 x	3.50 x	0.25 x	0.50	144 Cft	
30 x	3.142 x	3.50 x	3.50 x	0.25 x	0.67	193 Cft	
30 x	3.142 x	2.580 x	0.750 x	x	0.50	91 Cft	
D/d	-30 x	3.142 x	1.330 x	1.330 x	0.25 x	0.50	-21 Cft

408 Cft

@ 28918.55 %CFt Rs 118017 /-

- 5 1/2" thick cement plaster 1:4 20' height

30 x	3.14 x	5.75 x	0.17			90 Cft
30 x	3.14 x	4.17 x	3.25			1276 Cft
1 x	2 x(	5.5 +	4.00)x	1.50		29 SFt

Total 1394 SFt

@ 2591.50 %SFt Rs 36136 /-

- 8 Extra for making and finishing benching floor work in manhole chamber with 1/8" thick cement finish.

30 x	3.142 x	3.500 x	3.500 x	x	0.25	289 Cft
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@ 2308.90 % SFt Rs 6665 /-

- 9 Providing and fixing, 6" (150 mm) thick R.C.C. manhole cover for 22" as per standard drawing STD/PD No. 6 of 1977, complete in all respects.

30 Nos
@ 13405.75 Each Rs 402173 /-

- 10 Rehandling of earthwork lead upto a single throw of kassi phaorah or shovel.

6928.11 x 80 / 100

= 5542 Cft

Total 5542 Cft

@ 2059.20 %0Cft 114131

Total Rs. 1131291 /-

Sub-Divisional Officer
Buildings Sub Division
Burewala

Executive Engineer
Buildings Division
Vehari

SEPTIC TANK

MRS, 1ST BI-ANNUAL-2022 (01.01.2022 to 30.06.2022)

- 1 Earthwork excavation in open cutting for sewers and manholes as shown in drawings including shuttering and timbering, dressing to correct section and dimensions according to templates and levels, and removing surface water, in all types of soil except shingle, gravel and rock 0 ft. to 7.0 ft. (0 to 2.10 m) depth.

2 x	9.250 x	5.000 x	3.500	324 Cft.
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	324 Cft.		
@ 6750.85	%Cft.	Rs.	2186 /-

- 3 Dry rammed brick or stone ballast 1-1/2" to 2" gauge.

2 x	9.250 x	5.000 x	0.500	46 Cft.
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	46 Cft.		
@ 4474.80	%Cft.	Rs.	2070 /-

- 4 Pacca brick work in other than building, ratio 1:4.

2 x	2(8.25+2.50).75	x	4.500	145 Cft.
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2 x	2.000 x	2.500 x	0.375 x	4.500
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	17 Cft.		
@ 23378.15	%Cft.	Rs.	37873 /-

- 5 Cement concrete plain i/c placing compaction finishing and curing complete i/c screening and washing of stone aggregate 1:2:4.

2 x	2.000 x	3.000 x	2.500 x	0.167
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	5 Cft.		
@ 28918.55	%Cft.	Rs.	1449 /-

R.C.C. in slab of rafts/strip foundation, base slab of column and retaining walls; etc. and other

- 6 structural members other than those mentioned in 5(a)(i) above not requiring form work (i.e. horizontal shuttering) complete in all respects type C (nominal 1:2:4).

3 x	2.000 x	2.750 x	4.000 x	0.250
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	16.50 Cft.		
@ 350.30	P. Cft.	Rs.	5780 /-

Fabrication of mild steel reinforcement for cement conc; i/c cutting bending laying in position

- 7 making joints and fastenings for binding wire and labour charges for bending of steel reinforcement (also includes removal of rust from bars Deformed bars.

	48 Kg		
@ 25951.10	% Kg.	Rs.	12457 /-

- 8 Cement plaster 1:4 upto 20' height 1/2" thick.

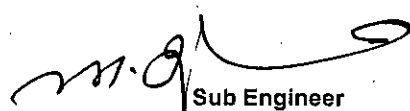
3 x	2x2(2+2.50)	x	4.333	234 Cft.
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2 x	2(8.25+2.50)	x	0.750	32
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2 x	2(8.25+4)	x	2.000	98 Cft.
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	364 Cft.		
@ 2591.50	P. Cft.	Rs.	9433 /-

	Total		71246 /-
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Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Burewala


EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI

**DETAILED ESTIMATE FOR THE WORK PROVISION OF ELECTRICATION, ELECTRIC ROOM,
DISTRIBUTION PANEL AT T.H.Q HOSPITAL AT BUREWALA.**

MRS 1st BI 2022 (1st January 2022 to 30th June 2022)

T.H.Q HOSPITAL BUREWALA					
Provision/Installation of Power Wiring					
S.#	Description	Qty	Unit	Rate	Amount
A	L.T. (L.V) SUB-STATION EQUIPMENT				
1	P/F floor mounted Electric Panel board of required depth and size, fabricated with 14SWG M.S sheet (Indoor/Outdoor Type), derusting, zinc Phosphated, finish with electro static powder coating in approved colour i/c the cost of Lock, Indication lights, thimbles, Copper Comb. Wiring, Neutral & Earth Bar, glands, Current Transformers of specified capacity, Door Earthing, Brass glands, bus bars, controls complete in all respects as approved and directed by the Engineer Incharge (Breakers will be Paid Separately).				
	Main DB (for ACs (1 for Old Building, 1 for ICU Extension))				
	Incoming from Main Panel/ATS				
	(i) L.T Switchboards				
	a) 2.50 Ft deep				
	(ii) 400A (3.0"x6"x2.5") (02 No)	90	cft	3492.7	314343
	Incoming Breaker for Main DB (for ACs (1 for Old Building, 1 for ICU Extension))				
	1 Supplying, Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/ABB SWITZERLAND (with adjustable Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.				
	(a) Tripole Pole 400A (36 KA)	2	each	62417.8	124836
	Outgoing Breakers for Main DB (for ACs (1 for Old Building, 1 for ICU Extension))				
	1 Supplying, Installation and commissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / SIEMEN GERMANY/TERASAKI JAPAN/ ABB SWITZERLAND in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.				
	(a) Tripole Pole 63A (10 KA) (2"x7"x14)	14	each	7998	111969
	(b) Single Pole 32A (10 KA) (2"x10"x20)	20	each	1136	22728
	(c) Single Pole 20A (10 KA) (2"x10"x20)	20	each	1136	22728
2	P/F PFI PLANT (Power Factor Improvement Plant) comprising of components of required ratings, in MS box of 14 SWG i/c the cost of 3mm thick Backlite sheet (Safety Sheet) Lock, thimbles, Copper Comb. Wiring, Neutral & Earth Bar, Door Earthing, brass glands, Indication lights, Push buttons, CTs, Contactors, Controlole MCB, Surge Suppressors, Auto/Manual Switches, Exhaust Fan, Temp regulators as per WAPDA standards complete in all respects as approved and directed by the Engineer Incharge				
	(iii) 150KVAR	1	each	433374	433374
B	L.T POWER CABLE				
	Supply and erection of non armoured copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc. (rate for cable only):-				
	1 120 mm sq (37/0.083") PVC insulated, PVC sheathed 4 core, 600/1000 volts. copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc (for Main DB (for ACs (1 for Old Building, 1 for ICU Extension)))	500	rft	4541.35	2270675
	2 7/12 mm (7/0.044") PVC insulated, PVC sheathed twin core, 250/440 volts. copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc (for ACs)	700	rft	128.7	90090
	3 3/0.74 mm (3/0.029") single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing on capping/G.I. wire/trenches	2000	rft	20.95	41900
	4 7/0.74 mm (7/0.029") single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing on capping/G.I. wire/trenches	2000	rft	33	66000
	TOTAL				3498642

ii 1" dia

Total = 4000 Rft
Rs: 390.90 P.Rft
Rs: 1563600

Total = 1000 Rft
Rs: 70.50 P.Rft
Rs: 70500

5 Supplying ,Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip.) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge. (vii) 300-630 Amp (50 KA). (Electric Installation P.182)

8 Nos
Rs: 88337.80 Each
Rs: 706702

6 Providing and fixing cable tray with straight flange fabricated with perforated G.I. Sheet of specified guage, size and depth duly supported on painted brackets of MS angle Iron of 1-1/2"x1-1/2"x3/16" and MS patti of 1-1/2"x3/16" size @ 3 ft C/C, hangers i/c the cost of hardwares as approved and directed by the Engineer Incharge. (viii) 24"x4" (Page 188 Item No.99 A)

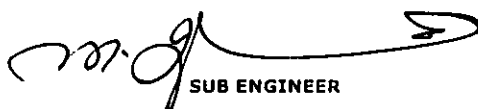
450 Rft
Rs: 1224.20 P.Rft
Rs: 550890

7 Providing and fixing cable tray with straight flange fabricated with perforated G.I. Sheet of specified guage, size and depth duly supported on painted brackets of MS angle Iron of 1-1/2"x1-1/2"x3/16" and MS patti of 1-1/2"x3/16" size @ 3 ft C/C, hangers i/c the cost of hardwares as approved and directed by the Engineer Incharge. (viii) 12"x4" (Page 188 Item No.99 A)

600 Rft
Rs: 845.80 P.Rft
Rs: 422900

Total 24945650

4,049,532

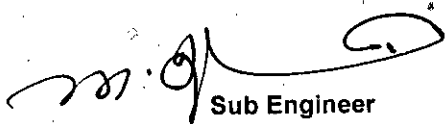

SUB ENGINEER


SUB DIVISIONAL OFFICER
Buildings Sub Division
Burewala

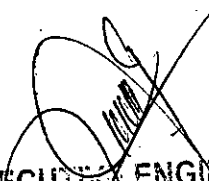
**DETAILED ESTIMATE FOR THE WORK MISCELLANEOUS REPAIR & PAINT WORK AT THQ
HOSPITAL BUREWALA**

MRS, 1ST BI-ANNUAL-2022 (01.01.2022 to 30.06.2022) DISTRICT VEHARI

Sr. No.	Description of Items.	Amount.
1	Paint work	Rs. 2443707 /-
Total.		Rs. 2443707 /-


Sub Engineer


Sub Divisional Officer
Buildings Sub Division,
Burewala


EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI

DETAILED ESTIMATE FOR THE WORK MISCELLANEOUS REPAIR & PAINT WORK THQ HOSPITAL BUREWAL

MRS. 1ST BI-ANNUAL-2022 (01.01.2022 to 30.06.2022)

1 Petty repair to main room

1 x 15

= 15 No.

Total = 15 No.

@Rs: 896.95 Each 13454

2 Petty repair to small room

1 x 20

= 20 No.

Total = 20 No.

@Rs: 448.10 Each 8962

3 Petty repair to verandha

1 x 5

= 5 No.

Total = 5 No.

@Rs: 856.70 Each 4284

4 Preparing surface and painting with Matt/Glossy high chemical resistant/hardwearing Polyurethane paint (EpoxyPaint) by sprayer/Brush/cthe cost of Primer coat, all material and labour complete in all respects as approved and directed by the Engineer Incharge.

Room	1	x	15-3/4	x	17-4/25	=	270	Sft
"	1	x	21 75	x	17-4/25	=	17	Sft
"	1	x	11	x	13	=	143	Sft
"	1	x	22-1/4	x	17-1/4	=	384	Sft
"	1	x	15	x	18-3/4	=	281	Sft
"	1	x	14-1/4	x	18-3/4	=	267	Sft
Hall	1	x	27	x	29	=	783	Sft
Doctor Off	1	x	22-3/4	x	21-1/4	=	483	Sft
Dialases Room	1	x	22-1/4	x	35	=	779	Sft
Nursing station	1	x	15	x	10-1/4	=	154	Sft
RO Room	1	x	15-1/2	x	11-1/4	=	174	Sft
Entrance	1	x	46-1/2	x	29	=	1349	Sft
L.R	1 x		14.330	x	21.750		312	Sft
W.R	1 x		12.000	x	14.330		172	Sft
D/NUR ROM	2 x		14.330	x	10.000		287	Sft
D.R	1 x		14.330	x	8.500		122	Sft
OFFI	1 x		14.330	x	13.000		186	Sft
LOCKER	1 x		8.000	x	9.250		74	Sft
VER	1 x		89.000	x	7.000		623	Sft
Induction r	1 x		18.750	x	24.500		459	Sft
gyne w	1 x		18.750	x	40.375		757	Sft
xray	1 x		18.750	x	13.000		244	Sft
D.Room	1 x		8.000	x	8.000		64	Sft
Store	1 x		8.000	x	10.000		80	Sft
Toilet	1 x		5.000	x	4.000		20	Sft

Total = 8484 Sft

5 Emulsion Paint two coat on old surface (CRP)

1 x	2	x(	15-3/4	+	17-4/25	)x	11.500	757	Sft
1 x	2	x(	21 75	+	17-4/25	)x	11.500	472	Sft
1 x	2	x(	11	x	13	)x	11.500	552	Sft
1 x	2	x(	22-1/4	+	17-1/4	)x	11.500	909	Sft
1 x	2	x(	15	+	18-3/4	)x	11.500	776	Sft
1 x	2	x(	14-1/4	x	18-3/4	)x	11.500	759	Sft
1 x	2	x(	27	+	29	)x	11.500	1288	Sft
1 x	2	x(	22-3/4	+	21-1/4	)x	11.500	1012	Sft
1 x	2	x(	22-1/4	x	35	)x	11.500	1317	Sft
1 x	2	x(	15	x	10-1/4	)x	11.500	581	Sft
1 x	2	x(	15-1/2	x	11-1/4	)x	11.500	615	Sft
1 x	2	x(	46-1/2	x	29	)x	11.500	1737	Sft

Total = 10774 Sft

6 Emulsion Paint two coat on old surface (Gyne ward)

1 x	2.000 x(	14.330 .+	21.750)x	11.500	830 Sft
1 x	2.000 x(	12.000 .+	14.330)x	11.500	606
2 x	2.000 x(	14.330 .+	10.000)x	11.500	1119
1 x	2.000 x(	14.330 .+	8.500)x	11.500	525
1 x	2.000 x(	14.330 .+	13.000)x	11.500	629
1 x	2.000 x(	8.000 .+	9.250)x	11.500	397
1 x	2.000 x(	89.000 .+	7.000)x	11.500	2208
1 x	2.000 x(	18.750 .+	24.500)x	11.500	995
1 x	2.000 x(	18.750 .+	40.375)x	11.500	1360
1 x	2.000 x(	18.750 .+	13.000)x	11.500	730
1 x	2.000 x(	8.000 .+	8.000)x	11.500	368
1 x	2.000 x(	8.000 .+	10.000)x	11.500	414

Total **10180 Sft.**
G Total **29438 Sft.**

@Rs: 39.10 P.Sft 1151019

7 Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect:.

old Building	2	x	128	x	16	=	4096	Sft
"	2	x	56	x	16	=	1792	Sft
Cardiac ward	2	x	150	x	16	=	4800	Sft
"	2	x	45	x	16	=	1440	Sft
	2	x	130	x	32	=	8320	Sft
	2	x	50	x	32	=	3200	Sft

Total **= 23648 Sft**

@Rs: 4685.25 %Sft 1107968

8 Painting to doors and windows two coat on old surface after scraping old paint

38	x	2	x	3-1/2	x	7	=	1862	Sft
14	x	2	x	3	x	7	=	588	Sft
22	x	2	x	2-1/2	x	7	=	770	Sft
6	x	4	x	4		7	=	672	Sft
4	x	2	x	4-3/4	x	7	=	266	Sft
16	x	2	x	5	x	7	=	1120	Sft

Total **= 5278 Sft**

@Rs: 2993.95 %Sft 158021

TOTAL RS. 2443707

[Signature]
Sub Divisional Officer
Buildings Sub Division
Burewala.

[Signature]
**EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI**


DETAILED ESTIMATE FOR THE WORK "CONSTRUCTION OF FILTRATION PLANT

ABSTRACT OF COST

MRS, 1ST BI-ANNUAL-2022 (01.01.2022 to 30.06.2022

Sr. No.		Work Done / allotted	Work yet to be done /Alloted	Total
1	Building Portion	84467	82590	167057
2 ^o	Electric Installation	70650	0	70650
3	Saintary Installation	32006	188505	220511
4	Providing and Fixing Filtration R/O Plant	2,027,788		2027788
5	Provision of Submercibale Pump	593292		593292
	Total.	2808202	271095	3079297




Sub Divisional Officer
Buildings Sub Division
Burewala.


EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI

FILTRATION PLANT

Sr. No.	Description of Item's	Unit	As per Approved Rough Cost Estimate "A"			Amount of Work already alloted "B"			As per Revised Rough Estimate							Amount	Excess (17-9)	Saving (9-17)	Remarks
									Work Done/alltoted			Work yet to be alloted /additional scope			Total				
			Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty (10+13)				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive/bond over 3/4" thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge 400x400	P.Sft	155.25	202.70	31469	155.25	202.70	31469	155	260.70	40474	74	260.70	19404	230	59878	28408	-	
2	Providing and laying superb quality Porcelain glazed tiles dado / skirting of MASTER brand of specified size in approved design, Color and Shade with adhesive/bond over 3/4" thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge 400x400	P.Sft	168.75	209.65	35378	168.75	209.65	35378	169	260.70	43993	242	260.70	63186	411	107179	71801	-	
Total					66848			66848			84467			82590		167057	100209	0	

Sub Divisional Officer
Buildings Sub Division
Burewala.

EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI

DETAILED ESTIMATE FOR THE WORK "CONSTRUCTION OF FILTRATION PLANT

MRS. 1ST BI-ANNUAL-2022 (01.01.2022 to 30.06.2022)

- 1 Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive/bond over 3/4" thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge 400x400

1 x	12.000 x	10.000	120.00 Sft.
1 x	13.500 x	7.310	98.69
2 x	7.330 x	0.750	11.00

Total 229.68 Sft.
@ 260.70 P.Sft

Rs. 59878 /-

- 2 Providing and laying superb quality Porcelain glazed tiles dado / skirting of MASTER brand of specified size in approved design, Color and Shade with adhesive/bond over 3/4" thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge 400x400

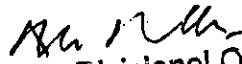
2 x(	12.000 +	10.000)x	4.000	176.00 Sft.
1 x		13.500 x	10.330	139.46 Sft.
2 x		5.910 x	3.330	39.36
12 x		3.333 x	1.000	40.00
1 x		2.330 x	7.000	16.31

Total 411.12
@ 260.70 P.Sft

Rs. 107179 /-

Total Rs. 167057 /-




Sub Divisional Officer
Buildings Sub Division
Burewala.


EXECUTIVE ENGINEER
BUILDINGS DIVISION
VLARI

30 BED

Sr. No.	Description of Item's	Unit	As per Approved Rough Cost Estimate "A"			Amount of Work already allotted "B"			As per Revised Rough Estimate							Amount	Excess (17-9)	Saving (9-17)	Remarks	
			Qty.	Rate	Amount	Qty.	Rate	Amount	Work Done/alltoted			Work yet to be allotted /additional scope			Total					
									Qty.	Rate	Amount	Qty.	Rate	Amount	Qty (10+13)					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	14	17	18	19	20
1	S/E of PVC pipe for wiring recessed in walls, i/c inspection boxes, pull boxes, hooks, cutting jhamies, and repairing surface, etc., complete with all specials i. ¾" dia.	P.Rft	100.00	69.40	6940	100.00	69.40	6940	72	69.40	4997		69.40	0	72	69.40	4997	-	1943	
II	i. 1" dia.	P.Rft	20.00	80.45	1609	20.00	80.45	1609	20	80.45	1609		80.45	0	20	80.45	1609	-	-	
2	S/E of single core PVC insulated copper conductor cables in prelaidd PVC pipe/M.S conduit/ G.I. pipe/ wooden strip battan/wooden casing and capping/G.I. wire/trenches (Rates for cable only)250/440 volts .i) 3/0.029".	P.Rft	400.00	20.95	8380	400.00	20.95	8380	400	20.95	8380		20.95	0	400	20.95	8380	-	-	
II	ii. 7/0.029".	P.RR	100.00	33.00	3300	100.00	33.00	3300	100	33.00	3300		33.00	0	100	33.00	3300	-	-	
III	ii. 7/0.044".	P.Rft	200	60.60	12120	200	60.60	12120	200	60.60	12120		60.60	0	200	60.60	12120	-	-	
3	S/E of LED Light 18-Watts Philips Made	Each	6	580.00	3480	6	580.00	3480	6	580.00	3480		580.00	0	6	580.00	3480	-	-	
4	S/E of 3/8" dia M.s bar fan hook placed at the time of casting of slab i/c sheet box 7"x4"	Each	2	368.25	737	2	368.25	737	3	368.25	1105		368.25	0	3	368.25	1105	368	-	
5	S/E of button holder bakelite	Each	6	35.45	213	6	35.45	213	6	35.45	213		35.45	0	6	35.45	213	-	-	
6	S/E of switch 10/15 Ampere recessed type	Each	8	73.70	590	8	73.70	590	8	73.70	590		73.70	0	8	73.70	590	-	-	
7	Earthing of iron clad/aluminum switches, etc. with G.I. wire No. 8 SWG in G.I. pipe 15 mm (½") dia, recessed or on surface of wall and floor, complete with 1.5 metre long G.I. pipe, 50 mm (2") dia with reducing socket 4 to 5 metre below ground level and 2 metre away from building plinth.	Each	1.00	8020.05	8020	1.00	8020.05	8020	1	8020.05	8020		8020.05	0	1	8020.05	8020	-	-	
8	Supplying,Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/ABB SWITZERL(with adjustable Thermal-Magnetic Trip) in prelaidd DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.(i) 25-100 Amp(25 KA).	Each	1.00	26837.00	26837	1.00	26837.00	26837	1	26837.00	26837		26837.00	0	1	26837.00	26837	-	-	
Total					72225			72225			70650			0			70650	368	1943	

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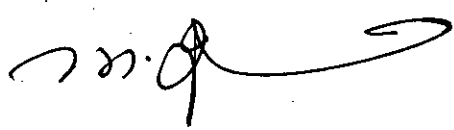
Sub Divisional Officer
Buildings Sub Division
Burewala.

EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI

Electric Installation

M.R.S Annual Period B-1 (1st January 2022 to 30th June 2022)

1	S/E of PVC pipe for wiring recessed in walls, i/c inspection boxes, pull boxes, hooks, cutting jharries, and repairing surface, etc., complete with all specials i. ¾" dia.	72 Rft @ 69.40	P. Rft Rs.	4997 /-
	i. 1" dia.	20 Rft @ 80.45	P. Rft Rs.	1609 /-
2	S/E of single core PVC insulated copper conductor cables in prelaid PVC pipe/M.S conduit/ G.I. pipe/ wooden strip battan/wooden casing and caping/G.I. wire/trenches (Rates for cable only)250/440 volts .i) 3/0.029".	400 Rft @ 20.95	P. Rft Rs.	8380 /-
	ii. 7/0.029".	100 Rft @ 33.00	P. Rft Rs.	3300 /-
	ii. 7/0.044" (twin core)	200 Rft @ 60.60	P. Rft Rs.	12120 /-
3	S/E of LED Light 18-Watts Philips Made	6 Nos. @ 580.00	Each. Rs.	3480 /-
4	S/E of 3/8" thick fan bar hool with sheet box 7"x4"	3 Nos. @ 368.25	Each. Rs.	1105 /-
5	S/E of button holder bakelite 1.000 x 6.000	6 Nos. @ 35.45	Each. Rs.	213 /-
8	S/E of switch 10/15 Ampere recessed type	8 Nos. 8 Nos. @ 73.70	Each. Rs.	590 /-
20	Earthing of i ron clad/aluminum switches, etc. with G.I. wire No. 8 SWG in G.I. pipe 15 mm (½") dia, recessed or on-surface of wall and floor, complete with 1.5 metre long G.I. pipe, 50 mm (2") dia with reducing socket 4 to 5 metre below ground level ,and 2 metre away from building plinth.	1 Nos. @ 8020.05	Each. Rs.	8020 /-
21	Supplying,Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/ABB SWITZERL(with adjustable Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.(i) 25-100 Amp(25 KA).	1 Nos. @ 26837.00	Each. Rs.	26837 /-
Total			Rs.	70650 /-


Sub Divisional Officer
Buildings Sub Division
Burewala.


EXECUTIVE ENGINEER
BUILDINGS DIVISION
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FILTRATION PLANT SANITARY

Sr. No.	Description of Item's	Unit	As per Approved Rough Cost Estimate "A"			Amount of Work already allotted "B"			As per Revised Rough Estimate							Amount	Excess (17-9)	Saving (9-17)	Remarks
									Work Done/alltoted			Work yet to be allotted /additional scope			Total				
			Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty (10+13)				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
I	Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) with specified pressure rating PN (PRESSURE NOMINAL) and conforming to DIN 8077-8078 code i/c cost of solvent, special s, making jharies complete in all respect as approved and directed by Engineer Incharge. (Internal /External Diameters mentioned). (PN-16) 1-1/2" dia	P.Rft	80.00	172.55	13804	80.00	172.55	13804	80	172.55	13804	783	172.55	135107	863	148911	135107		
II	Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) with specified pressure rating PN (PRESSURE NOMINAL) and conforming to DIN 8077-8078 code i/c cost of solvent, special s, making jharies complete in all respect as approved and directed by Engineer Incharge. (Internal /External Diameters mentioned). (PN-16) 2-1/2" dia	P.Rft	20.00	628.55	12571	20.00	628.55	12571	20	628.55	12571	78	628.55	49027	98	61598	49027		
2	Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) with specified pressure rating PN (PRESSURE NOMINAL) and conforming to DIN 8077-8078 code i/c cost of solvent, special s, making jharies complete in all respect as approved and directed by Engineer Incharge. (Internal /External Diameters mentioned). (PN-16) 25mm	P.Rft			0			0			0	94	46.50	4371	94	4371	4371		
3	Providing and fitting C.P bib cock 3/4" dia	Each	8.00	466.20	3730	8.00	466.20	3730	8	466.20	3730		466.20	0	8	3730			
4	Providing and fitting "P" trap:- ii) 10 cm (4") glazed.	Each	4.00	218.35	873	4.00	218.35	873	4	218.35	873		218.35	0	4	873			
5	Providing and fixing, floor trap of cast iron, including concrete chamber all round, and C.I. grating:- ii) 10x7.5 cm (4"x3")	Each	2	514.20	1028	2	514.20	1028	2	514.20	1028		514.20	0	2	1028			
Total					32006			32006			32006			188505		220511	188505	0	

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An N. N.
Sub Divisional Officer
Buildings Sub Division
Burewala.

[Signature]
EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI

SANITARY INSTALLATION

MRS, 1ST BI-ANNUAL-2022 (01.01.2022 to 30.06.2022)

1	Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) with specified pressure rating PN (PRESSURE NOMINAL)and conforming to DIN 8077-8078 code i/c cost of solvent, special s,making jharries complete in all respect as approved and directed by Engineer Incharge.(Internal /External Diameters mentioned). (PN-16) 1-1/2" dia	=	863 Rft		
		@	172.55 P.Rft	=	148911 /-
ii	Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) with specified pressure rating PN (PRESSURE NOMINAL)and conforming to DIN 8077-8078 code i/c cost of solvent, special s,making jharries complete in all respect as approved and directed by Engineer Incharge.(Internal /External Diameters mentioned). (PN-16) 2-1/2" dia	=	98 Rft		
		@	628.55 P.Rft	=	61598 /-
1	Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) with specified pressure rating PN (PRESSURE NOMINAL)and conforming to DIN 8077-8078 code i/c cost of solvent, special s,making jharries complete in all respect as approved and directed by Engineer Incharge.(Internal /External Diameters mentioned). (PN-16) 25mm	=	94 Rft		
		@	46.50 P.Rft	=	4371 /-
2	Providing and fitting C.P bib cock 3/4" dia	=	8 Nos.		
		@	466.20 Each	=	3730 /-
3	Providing and fitting "P" trap:- ii) 10 cm (4") glazed.	=	4 Nos.		
		@	218.35 Each	=	873 /-
4	Providing and fixing, floor trap of cast iron, including concrete chamber all round, and C.I. grating:- ii) 10x7.5 cm (4"x3")	=	2 Nos.		
		@	514.20 Each	=	1028 /-
Total:-					220511

Sub Divisional Officer
Buildings Sub Division
Burewala.

EXECUTIVE ENGINEER
BUILDINGS DIVISION
VERARI

SUBMERCIBLE PUMP WITH BORE ETC COMPLETE IN ALL RESPECT

- 1 Boring for tubewell in all types of soil except shingle and rock, from ground level to 100 ft. (30 m) depth, including sinking and withdrawing of casing pipe, complete: 6" dia

1 x 100

@ Rs: 731.10

P.Rft

=
Total 100

Rft
Rs:
Rs: 73110

- 2 Boring for tubewell in all types of soil except shingle and rock, from ground level to 100 ft to 200 . (30 m to 30m) depth, including sinking and withdrawing of casing pipe, complete:-6" dia

1 x 100

@ Rs: 1136.45

P.Rft

=
Total 100

Rft
Rs:
Rs: 113645

- 3 Boring for tubewell in all types of soil except shingle and rock, from ground level to 200 ft to 300 (60 m to 90m) depth, including sinking and withdrawing of casing pipe, complete: 6" dia

1 x 50

@ Rs: 1456.80

P.Rft

=
Total 50

Rft
Rs:
Rs: 72840

- 4 Providing and installing P.V.C. blind pipe, B.S.S. Class 'B', in tubewell bore hole, including sockets and solvents and jointing with strainer, etc. complete. 4" DIA

1 x 130

@ Rs: 418.35

P.Rft

=
Total 130

Rft
Rs:
Rs: 54386

- 5 Providing and installing P.V.C. strainer B.S.S. Class 'D', in tubewell bore hole, including sockets and solvent, complete:- 2" dia

1 x 120

@ Rs: 114.35

P.Rft

=
Total 120

Rft
Rs:
Rs: 13722

- 6 Providing and installing P.V.C. blind pipe, B.S.S. Class 'D', in tubewell bore hole, including sockets and solvents and jointing with strainer, etc. complete 2" DIA

1 x 130

@ Rs: 199.10

P.Rft

=
Total 130

Rft
Rs:
Rs: 25883

- 7 Providing and installing P.V.C. Bail/End plug, in tubewell, bore hole:- Class D 2" DIA

1 x 1

@ Rs: 84.40

Each

=
Total 1

No.
No.
Rs: 84

- 8 P/I PVC reducer 4" to 2" dia Class D

1 x 1

@ Rs: 350.00

Each

=
Total 1

No.
No.
Rs: 350

- 9 P/F of Clamp with foundation of pcc around the pipe

1 x 1

@ Rs: 850.00

Each

=
Total 1

No.
No.
Rs: 850

7 30

- Providing, laying, cutting, jointing, testing and disinfecting G I) pipeline in trenches/ Ressed, with socket joints, using G I, Pipes of bss 1387-1967 complete in all respect with specials and valves complete in all respects, with specials and valves Medium quality 3/4" dia

1 x 120

= 120 Rft
Total 120 Rft

@ Rs: 188.55 P.Rft Rs: 22626

- 11 P/F of submercible pump best quality made with 02-BHP electric motor with suction and delivery pipe 1-1/4"x1-1/2" complete in all respect

1 x 1

= 1 No
Total 1 No

@ Rs: 38025.00 Each Rs: 38025

- 12 Supply and erection of copper conductor cables for service connection, in prelaidd pipe/G.I. wire/trenches, etc. (rate for cable only):-3-core 7/0.044" dia

1 x 220

= 220 Rft
Total 220 Rft

@ Rs: 205.80 P.Rft Rs: 45276

- 14 Providing, laying, cutting, jointing, testing and disinfecting G I) pipeline in trenches/ Ressed, with socket joints, using G I, Pipes of bss 1387-1967 complete in all respect with specials and valves complete in all respects, with specials and valves M- quality 2" dia

1 x 89

= 89 Rft
Total 89 Rft

@ Rs: 573.30 P.Rft Rs: 51024

- 14 Providing, laying, cutting, jointing, testing and disinfecting G I) pipeline in trenches/ Ressed, with socket joints, using G I, Pipes of bss 1387-1967 complete in all respect with specials and valves complete in all respects, with specials and valves M- quality 4" dia

1 x 60

= 60 Rft
Total 60 Rft

@ Rs: 1357.85 P.Rft Rs: 81471
593292

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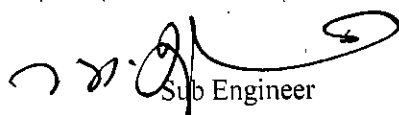
Mr. N. B.
Sub Divisional Officer
Buildings Sub Division
Burewala.

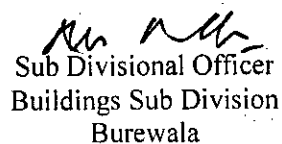
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EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI

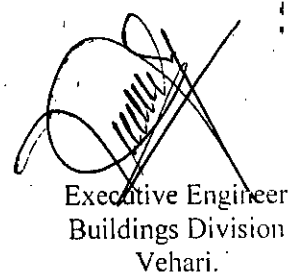
**ROUGH COST ESTIMATE FOR THE WORK INSTALLATION OF FILTERTION
PLANT**

1st Bi-Annual-2022

Sr. No.	Description of Items	Amount
1	Providing and Fixing Filtration R/O Plant	Rs 1,934,888
2	Provision of Plastic Water Tank 2x500 @ Rs 92.90 P.Gln	Rs 92,900
	Total Rs:	2,027,788


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Burewala


Executive Engineer
Buildings Division
Vehari.

DETAIL FOR PLINTH PROTECTION

M.R.S Annual Period B-1 (1st January 2022 to 30th June 2022)

- 1 Excavation in foundation of buildings and other structure i/c dagbelling dressing around structure with excavated earth watering and ramming lead upto one chain and lift upto 5ft in ordinary soil.

2 x	49.750 x	1.500 x	1.000	149.25 Cft.
2 x	31.125 x	1.500 x	1.000	93.38 Cft.
2 x	1.875 x	1.500 x	1.000	5.63 Cft.

Total 248.25

@ 8727.85 %oCft. Rs. 2167 /-

- 2 Dry rammed brick or stone ballast 1-1/2" to 2" gauge.

2 x	49.750 x	1.500 x	0.500	74.63 Cft.
2 x	31.125 x	1.500 x	0.500	46.69 Cft.
2 x	1.875 x	1.500 x	0.500	2.81 Cft.

Total 124.13

@ 4474.80 %Cft. Rs. 5554 /-

- 3 Pacca brick work in F&P and plinth, ratio 1:6.

2 x	49.000 x	0.750 x	3.500	257.25 Cft.
2 x	32.625 x	0.750 x	3.500	171.28 Cft.
2 x	1.875 x	0.750 x	3.500	9.84 Cft.

Total 438.38

@ 21322.20 %Cft. Rs. 93471 /-

- 4 Filling water and ramming earth under floors with surplus earth from foundation etc.

Take 2/3 of Qty item No. 1. 0.67 x 248.25 165.50 Cft.

@ 4197.60 0%Cft. Rs. 695 /-

- ii. with new earth excavated from outside lead upto 3 mile.

1 x	55.500 x	2.250 x	1.125	140.48 Cft.
2 x	26.750 x	2.250 x	1.125	135.42 Cft.

Total 275.91 Cft.

D/d

Surplus earth

(-) 165.50 Cft.

Net 110.41 Cft.

@ 13228.60 0%Cft. Rs. 1461 /-

- 5 Supplying and filling sand under floor; or plugging in wells.

1 x	47.500 x	2.250 x	0.250	26.72 Cft.
2 x	30.375 x	2.250 x	0.250	34.17 Cft.

Total 60.89 Cft.

@ 2743.20 %Cft. Rs. 1670 /-

- 6 P/L watering and ramming brick ballast 1-1/2" to 2" gauge mixed with 25% sand, for floor foundation complete in all respect.

Take qty. above item No. 5

60.89 Cft.
@ 5161.30 %Cft. Rs. 3143 /-

- 7 P/F marble strip of any shade for dividing the mosaic flooring into panel. 1/2" x 3/8"

1 x	38.000 x	3.000		114.00 Rft.
-----	----------	-------	--	-------------

Total 114.00 Rft.

@ 15.85 P. Rft. Rs. 1807 /-

- 8 P/L conglomerate flooring (two coat work) with top layer of 1/2" thick wearing surface, consisting of one part of cement and 2 parts of stone chips passing 3/16" sieve, over bottom layer of C.C. 1:3:6 i/c surface finishing and dividing in panels complete in all respects 1-1/2" thick

1 x	49.000 x	3.000		147.00 Rft.
2 x	33.375 x	3.000		200.25 Rft.

Total 347.25 Sft

@ 6049.75 %Sft. Rs. 21008 /-

9 Cement pointing struck joint on wall upto 20' height (Ratio 1:2)

1 x	49.000 x	2.000
1 x	33.375 x	2.000
1 x	3.000 x	2.000

98.00
66.75
6.00 Sft

Total

170.75

@ 3388.40

%Sft.

Rs. 5786 /-

Total

Rs. 136761 /-

Mr. N. K.
Sub Divisional Officer
Buildings Sub Division
Burewala.


EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI

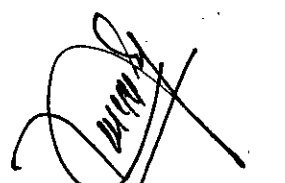
Provision of 1/2 Cusec Turbine i/c Boring & Lowering and Pumping Chamber

1st Bi-Annual-2022

Sr. No.	Description of Items	Work done	Work yet to be done	Amount
1	PROVISION OF PUMP HOUSE(12'x12')	665778	799684	Rs 1,465,462
2	BORING OF TUBE WELL I/C PUMPING MACHINERY	3887751	0	Rs 3,887,751
3	Provision of OHR	6000000	0	Rs 6,000,000
	Total Rs:	10,553,529	799,684	11,353,213


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Burewala.


Executive Engineer
Buildings Division
Vehari.

PUMPING MACHINERY

Sr. No.	Description of Item's	Unit	As per Approved Rough Cost Estimate "A"			Amount of Work already allotted "B"			As per Revised Rough Estimate							Amount	Excess (17-9)	Saving (9-17)	Remarks
									Work Done/allotted			Work yet to be allotted /additional scope			Total				
			Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty.	Rate	Amount	Qty (10+13)				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Direct rotary/reverse rotary drilling of bore for tubewell in all types of soil except shingle gravel and rock.(a) From ground level to 250 ft. below ground level.15" to 18" dia	P.Rft	250.00	635.20	158800	250.00	635.20	158800	250.00	635.20	158800		635.20	0	250	158800	-	-	
2	250 to 450ft depth	P.Rft	100.000	635.20	63520	100.000	635.20	63520	100.000	635.20	63520		635.20	0	100	63520	-	-	
3	Furnishing samples of water from bore hole (per set of two bottles)	Each	3.00	174.00	522	3.00	174.00	522	3.00	174.00	522		174.00	0	3	522	-	-	
4	Providing and installing Fiber glass reinforced Polypropylene (FRP) strainer of specifid wall thickness having slot 09 to 1mm in tubewell borehole complete in all respect.10" dia	P.Rft	100.00	2467.95	246795	100.00	2467.95	246795	100.00	2467.95	246795		2467.95	0	100	246795	-	-	
5	Providing and installing MS blind pipe socket /welded joints M.S. reducer (where necessary) in tube well bore hole including jointing welding with strainer etc. complete 12" dia 1/4" Thick.	P.Rft	120.00	3901.40	468168	120.00	3901.40	468168	120.00	3901.40	468168		3901.40	0	120	468168	-	-	
6	10" Dia Pipe	P.Rft	130.00	3310.80	430404	130.00	3310.80	430404	130.00	3310.80	430404		3310.80	0	130	430404	-	-	
7	Shrouding with graded pea gravel 3/8" to 1/8" dia. around tubewell in borehole. 350x3.142x0.25x1.5x1.5 =618.58 Cft Deduction.350x3.142x0.25x1.04x1.04 =297.35 Cft	P.Cft	321.00	119.10	38231	321.00	119.10	38231	321.00	119.10	38231		119.10	0	321	38231	-	-	
8	Testing and developing of tubewell of size 6" (150 mm)/d and above continuously.(i) upto 1.5Cusec discharge.	P.H	72.00	1475.20	106214	72.00	1475.20	106214	72.00	1475.20	106214		1475.20	0	72	106214	-	-	
9	Testing of strata and water samples from PHE Department laboratory complete with all charges.	Each	1.00	8000.00	8000	1.00	8000.00	8000	1.00	8000.00	8000		8000.00	0	1	8000	-	-	
10	Providing and fixing MS well cap on tubewell 12" dia	Each	1.00	2000.00	2000	1.00	2000.00	2000	1.00	2000.00	2000		2000.00	0	1	2000	-	-	
11	Providing and fixing MS suspension clamp in PCC 1:4 for 12 inch dia pipe including all cost of labour and material, complete in all respect (N.S).	Each	1.00	2500.00	2500	1.00	2500.00	2500	1.00	2500.00	2500		2500.00	0	1	2500	-	-	
11	Providing strong substantially built box of deodar wood 4ft. x 2-1/2 ft. x 9in.(1200x750x225 mm) with compartments, lock and locking arrangement for preserving samples of strata from bore hole	P.Job	1.00	25975.15	25975	1.00	25975.15	25975	1.00	25975.15	25975		25975.15	0	1	25975	-	-	
12	Providing and installing MS Bail Plug in Tubewell Bore hole 10" dia	Each	1.00	5715.15	5715	1.00	5715.15	5715	1.00	5715.15	5715		5715.15	0	1	5715	-	-	
13	Fabrication of Mild steel for Reinforcement of Cement Concrete i/c cutting bending laying in position Demformed Bar.G-40 1/2" dia 4x100x0.667x0.4536	%Kg	121.00	25951.10	31401	121.00	25951.10	31401	121.00	25951.10	31401		25951.10	0	121	31401	-	-	
14	Providing, installation and testing of vertical turbine pumping unit (KSB) made capable to give a discharge of 0.5-Cusec of clear water against a total dynamic head of 180 feet with 100 feet column pipe directly coupled with vertical 3 phase 20 BHP AC electric motor (Siemen Made) Approved electric motor 50 cycle 380/440 volts with following accessories complit in all respect. i/d all taxes & contractor porofit B8B/9-stages (Quotation Attached).	P.Job	1	2299500.00	2299500	1	2299500.00	2299500	1	2299500.00	2299500		2299500.00	0	1	2299500	-	-	
Total					3887751			3887751			3887751			5		3887751			


M. G.


Sub Divisional Officer
Buildings Sub Division
Burewala


EXECUTIVE ENGINEER
BUILDING DIVISION
VEHARI
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BORING OF TUBE WELL I/C PUMPING MACHINERY

Sr.No.	Description	Quantity	Unit	Rate	Amount
1	Chapter No. 23 Item No. 5 (P-129)				
	Direct rotary/reverse rotary drilling of bore for tubewell in all types of soil except shingle gravel and rock.(a) From ground level to 250 ft. below ground level.15" to 18" dia	250	Rft	635.2	158800
ii	250 to 450ft depth	100	Rft	635.2	63520
2	Chapter No. 23 Item No. 8 (P-129)				
	Furnishing samples of water from bore hole (per set of two bottles)	3	Each	174	522
3	Providing and installing Fiber glass reinforced Polypropelene (FRP) strainer of specifid wall thickness having slot 09 to 1mm in tubewell borehole complete in all respect.10" dia	100	Rft	2467.95	246795
4	Chapter No. 23 Item No. 14 (P-131)				
	Providing and installing MS blind pipe socket /welded joints M.S. reducer (where necessary) in tube well bore hole including jointing welding with strainer etc. complete 12" dia 1/4" Thick.	120	Rft	3901.4	468168
	10" Dia Pipe	130	Rft	3310.8	430404
5	Chapter No. 23 Item No. 18 (P-132)				
	Shrouding with graded pea gravel 3/8" to 1/8" dia. around tubewell in borehole. 350x3.142x0.25x1.5x1.5 =618.58 Cft Deduction.350x3.142x0.25x1.04x1.04 =297.35 Cft	321	Cft	119.1	38231
6	Chapter No. 23 Item No. 17 (P-132)				
	Testing and developing of tubewell of size 6" (150 mm)i/d and above continuously.(i) upto 1.5Cusec discharge.	72	Hours	1475.2	106214
7	Testing of strata and water samples from PHE Department laboratory complete with all charges.	1	Nos.	8000	8000
8	Providing and fixing MS well cap on tubewell 12" dia	1	No.	2000	2000
9	Providing and fixing MS suspension clamp in PCC 1:4 for 12 inch dia pipe including all cost of labour and material, complete in all respect (N.S).	1	No.	2500	2500
10	Chapter No. 23 Item No. 7 (P-129)				
	Providing strong substantially built box of deodar wood 4ft. x 2-1/2 ft. x 9in.(1200x750x225 mm) with compartments, lock and locking arrangement for preserving samples of strata from bore hole	1	Job	25975.15	25975
11	Providing and Installing MS Bail Plug in Tubewell Bore hole 10" dia	1	Each	5715.65	5715
12	Fabrication of Mild steel for Reinforcement of Cement Concrete i/c cutting bending laying in position Demformed Bar.G-40 1/2" dia 4x100x0.667x0.4536	121	%Kg	25951.1	31406
13	Providing, installation and testing of vertical turbine pumping unit (KSB) made capable to give a discharge of 0.5-Cusec of clear water against a total dynamic head of 180 feet with 100 feet column pipe directly coupled with vertical 3 phase 20 BHP AC electric motor (Siemen Made) Approved electric motor 50 cycle 380/440 volts with following accessories complite in all respect. i/d all taxes & contractor porofit B8B/9-stages (Quotation Attached).	1	Job	2,299,500	2299500
				Total Rs:	3,887,751

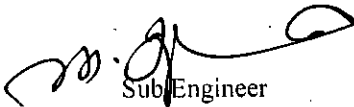

Sub Engineer

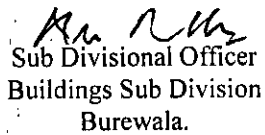

Sub Divisional Officer
Buildings Sub Division
Burewala

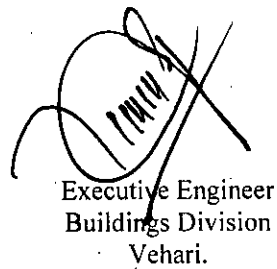

Executive Engineer
Buildings Division
Vehari.

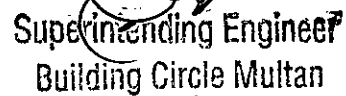
ANALYSIS OF RATE FOR VERTICAL TURBINE PUMP

Sr. No.	Description of Items	Qty	Amount
1	Providing, installation and testing of vertical turbine pumping unit (KSB) made capable to give a discharge of 0.5 Cusec of clear water against a total dynamic head of 180 feet with 100 feet column pipe directly coupled with vertical 3 phase 20 BHP AC electric motor (Siemen Made) Approved electric motor 50 cycle 380/440 volts with following accessories complete in all respect. i/d all taxes & contractor profit B8B/9-stages (Quotation Attached).		
		1	2,190,000
	add 5% Contractor Profit		109,500
			2,299,500


Sub Engineer


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Buildings Sub Division
Burewala.


Executive Engineer
Buildings Division
Vehari.


Superintending Engineer
Building Circle Multan

11

11

11

ANALYSIS OF RATE FOR OHR

- i) Design and construction of reinforced cement concrete high service reservoir 10000 imperial gallons capacity making 10% additional allowance for free board with 36 feet height of base slab from ground level. A cantilever will be projected all round reservoir at the level of base slab water tank i/c G.I pipe railing 2.5 ft height into 4 rows with all over painting i/c the cost of the followings:
- ii) The contractor's firm shall supply design according to the bearing capacity is to be got tested by the Department (From Buildings Research Station Lahore.) the fee of testing will be paid by the contractor without any extra obligation of the Department this fee is demand to be included in the rate to be quoted by the contractor. No extra claim will be entertained in this respect from the contractor. Detailed design and drawing shall be got prepared by the Civil Engineer who passes Master Degree in structural Engineering and is registered Pakistan Engineering council for approved by the Competant authority (design and drawing will become the property of the department.
- iii) P/F hoisting fastening disinfections of M.S pipe medium class flanged 4" i/d rising main 4" i/d scour and overflow and 4" i/d delivery main i/c cost of clamps nuts bolts rubber insulation sheet. The rate of i/c cost of flange and welding pipes ends. Bitumenous (coating on pipe to be laid under surface of the earth) as directed by the Engineer Incharge complete in all respect. The laying of all pipes of (O.H.R) shall be extended to minimum of one foot from other or most limit of foundation.
- iv) P/F testing disinfecting of G.I pipe for rising main delievery main scour and over flow pipe of suitable size, approved by the Engineer Incharge. Such as bell mouth expension joints a sluice valve for over flow scour rising main and deliver main bends duck foot bends tail pieces etc. Complete in all respects i/c 1 No. vent pipes of suitable dia construction of plinth protection one foot projected beyond the after comprising of 1-1/2" thick P.C.C 1:2:4 toping over 4" thick (1:4:8) base.
- v) P/F 1- No. 2-1/2"x2-1/2" i/c C.I main hole cover.
- vi) P/F M.S angle iron stair 18" wide made of angle iron 2"x2"x1/4" M.S rod 3/4" dia at the one feet interval from ground level to top of the water tank i/c painting.
- vii) P/F M.S ladder inside the water tank 18" wide made of angle iron 2"x2"x1/4" M.S rod 3/4" dia at the one foot interval i/c fixing roof of the O.H.R rigidly i/c black painting (which should be anti-corresive).
- viii) P/F 1-1/2" G.I pipe railing 2.5 foot high with tow rows and vertical post @ 12" interval i/c cost of all types of specials on top slab i/c silver painting (zinc oxide) 81 earning and developing of site after construction of O.H.R i/c turning plantation complete to the entire satisfaction of the Engineer Incharge.

20000 gln

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300 P.Gln


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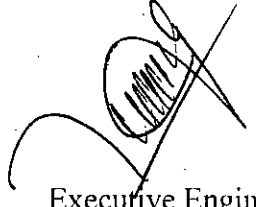
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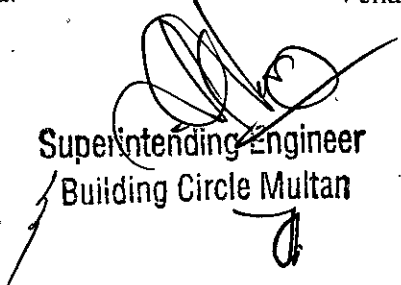
1 Certified that input rates of material and labour for the item at serial No Nil are as per input rates displayed on web site of Finance Department for the 1st-BI-Annual-2022

2 Certified that rates for items at serial No ----- are not available on the web site of Finance Department for the 2nd-BI-Annual-2021 and as such the rate of Rs: 300/- has been applied after ascertaining it, form the market.


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Burewala.


Executive Engineer
Buildings Division
Vehari.


Superintending Engineer
Building Circle Multan

"PRICE VARIATION"

Balance work of Revamping of All DHA/15 THQ Hospitals in Punjab One at THQ Hospital Burewala District Vehari (ADP No. 1013/2021-22)

Name of Contractor: Abdul Ghaffar Butt & Co., Govt. Contractor

Date of Tender: 09.03.2022.

Sr. No.	Work done		Work Yet to be done		Total
	Description	Amount	Description	Amount	
1	Cement	353634	Cement	500000	853634
2	Brick	336312	Brick	318762	655074
3	Brick Tile	140665	Brick Tile	159629	300294
4	Steel	25568	Steel	5488	31056
5	M.S. Tee/Angle/Flat	156077	M.S. Tee/Angle/Flat	48743	204820
6	Crush	14467	Crush	8976	23443
7	Bitumen	106750	Bitumen	92574	199324
8	Labour	1287700	Labour	2075683	3363383
9	Diesel	2146713	Diesel	2625022	4771735
	Total	4567885	Total	5834878	10402763

Sub Divisional Officer
Buildings Sub Division
Burewala.

EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI

Superintending Engineer
Building Circle Multan

"PRICE VARIATION"

Balance work of Revamping of All DHA/15 THQ Hospitals in Punjab One at THQ Hospital Burewala District Vehari (ADP No. 1013/2021-22)

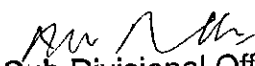
Name of Contractor: Abdul Ghaffar Butt & Co., Govt. Contractor

Date of Tender: 09.03.2022.

Abstract Work done

Sr. No.	Description	Amount
1	Cement	353634
2	Brick	336312
3	Brick Tile	140665
4	Steel	25568
5	M.S. Tee/Angle/Flat etc.	156077
6	Crush	14467
7	Bitumen	106750
8	Labour	1287700
9	Diesel	2146713
	Total	4567885

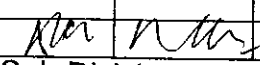



Sub Divisional Officer
Buildings Sub Division
Burewala.


EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI

Balance work of Revamping of All DHA/15 THQ Hospitals in Punjab One at THQ Hospital Burewala District Vehari (ADP No. 1013/2021-22)

Sr. No.	M.B No.	Page No.	Date of Entery	Description of Item's	Ratio	Quantity in M.B	Conversion Factor	Quantity of Material						
								Cement in Bag(%Cft)	Brick	Brick Tile	Deformed Bars	M.S. Tee/Angle/Flat etc.	Crush	Bitumen
1	748/813	2	3/28/2022	Pacca Brick Work F & P	1:6	2321	3.43/1350	79.61	31333.50					
2	748/813	3	3/28/2022	P.C.C.	1:2:4	63	17.60	11.09					55.44	
3	748/813	3	3/28/2022	Pacca Brick Work in other than	1:5	2177	4./1350	87.08	29389.50					
Total								177.78	60723	0	0	0	55	0
Rate at the Time of Tender								800	8000	7500	192284	194284	4200	136.61
Rate at the time of Consumption								800	8000				4200	
%age of Difference								0.00	0.00				0.00	
Difference of Rate								0.00	0.00				0.00	
Amount								0	0				0	
1	748/813	12	4/18/2022	Pacca Brick Work in F&P	1:5	5156	4./1350	206.24	69606.00					
2	748/813	12	4/18/2022	P.C.C.	1:2:4	141	17.60	24.82					124.08	
3	748/813	13	4/18/2022	Pacca Brick Work in other than	1:5	4816	4./1350	192.64	65016.00					
4	748/813	15	4/18/2022	P.C.C.	1:2:4	164	17.60	28.86					144.32	
5	748/813	19	4/18/2022	1/2" Thick Cement Plaster	1:4	1340	0.73	9.78						
6	748/813	21	4/18/2022	P.C.C.	1:2:4	797	17.60	140.27					701.36	
7	748/813	23	4/18/2022	Porcelain Tile (24"x24") for Floor (3/4")	1:3	4340	1.32	93.74						
7	748/813	24	4/18/2022	Porcelain Tile (24"x24") for Skirting(1/2")	1:2	4059	1.25	87.67						
7	748/813	25	4/18/2022	Ceramic Tile for Floor (3/4")	1:3	435	1.92	9.40						
7	748/813	25	4/18/2022	Ceramic Tilefor Skirting (1/2")	1:2	1935	1.25	41.80						
7	748/813	30	4/18/2022	Porcelain Tile (24"x24") for Floor (3/4")	1:3	230	1.32	4.97						
7	748/813	30	4/18/2022	Porcelain Tile (24"x24") for Skirting(1/2")	1:2	410	1.25	8.86						
Total								849.05	134622.00	0.00	0.00	0.00	969.76	0.00
Rate at the Time of Tender								800	8000	7500	192284	194284	4200	136.61
Rate at the time of Consumption								850.00	8000.00	7500.00	200284.00	197284.00	4200.00	148.89
%age of Difference								6.25	0.00					
Difference of Rate								50.00	0.00					
Amount								42452	0					


 Sub Divisional Officer
 Buildings Sub Division
 Burewala

Sr. No.	M.B No.	Page No.	Date of Entery	Description of Item's	Ratio	Quantity in M.B.	Conversion Factor	Quantity of Material						
								Cement in Bag(%Cft)	Brick	Brick Tile	Deformed Bars	M.S. Tee/Angle/ Flat etc.	Crush	Bitumen
8	775/321	9	7/16/2022	Pacca Brick Work in G.F	1:6	338	3.43/1350	11.59	4563.00					
8	775/321	9	7/16/2022	3/4" thick DPC	1:3	109	1.32/20	1.44						9.888
9	775/321	11	7/16/2022	Fabrication of mild steel	G.40	344					0.344			
10	775/321	12	7/17/2022	RCC Roof	1:2:4	187	17.60	32.91					164.56	
11	775/321	12	7/28/2022	Pacca Brick Work in G.F	1:6	145	3.43/1350	4.97	1957.50					
12	775/321	13	7/28/2022	Single layer of tile		363	0.50/360	1.82		1306.80				55.98
13	775/321	13	7/28/2022	M.S. angle iron chowkat		152	1.30					0.198		
14	775/321	14	7/28/2022	M.S. Steel Window		72	2.94					0.21		
15	775/321	14	7/28/2022	3/8" Thick Cement Plaster under soffit	1:3	395	0.66	2.61						
16	775/321	15	7/28/2022	1/2" Thick Cement Plaster	1:5	1621	0.60	9.73						
17	775/321	17	7/28/2022	1-1/2" thick topping 1:2:4		606	1.25	7.58					66.66	
18	775/321	18	7/28/2022	Pacca Brick Work in OTB	1:4	411	4.80/1350	19.73	5548.50					
19	775/321	20	7/28/2022	Fabrication of mild steel	G.40	38					0.038			
20	775/321	21	7/29/2022	RCC Raft	1:2:4	20	17.60	3.52					17.60	
21	775/321	22	5/10/2022	M.S. grill		495	1.37					0.68		
22	775/321	29	7/29/2022	P.C.C.	1:2:4	272	17.60	47.87					239.36	
23	775/321	29	7/29/2022	1/2" Thick Cement Plaster	1:4	3812	0.73	27.83						
7	775/321	31	7/29/2022	Porcelain Tile (24"x24") for Floor (3/4")	1:3	4197	1.32	90.66						
7	775/321	34	7/29/2022	Porcelain Tile (24"x24") for Skirting(1/2")	1:2	5807	1.25	125.43						
7	775/321	38	7/29/2022	Ceramic Tile for Floor (3/4")	1:3	111	1.92	2.40						
7	775/321	39	7/29/2022	Ceramic Tilefor Skirting (1/2")	1:2	439	1.25	9.48						
24	775/321	39	7/29/2022	Pacca Brick Work F & P	1:6	1578	3.43/1350	54.13	21303.00					
25	775/321	39	7/29/2022	P.C.C.	1:2:4	70	17.60	12.32					61.60	
26	775/321	40	7/29/2022	Pacca Brick Work in other than	1:5	2388	4./1350	95.52	32238.00					

Sr. No.	M.B No.	Page No.	Date of Entery	Description of Item's	Ratio	Quantity in M.B	Conversion Factor	Quantity of Material							
								Cement in Bag(%Cft)	Brick	Brick Tile	Deformed Bars	M.S. Tee/Angle/ Flat etc.	Crush	Bitumen	
27	775/321	40	7/29/2022	P.C.C.	1:2:4	94	17.60	16.54						82.72	
28	775/321	41	7/29/2022	Cement Pointing Struck Joints	1:2	3847	0.72	27.70							
29	775/321	41	7/29/2022	Pacca Brick Work in OTB	1:4	420	4.80/1350	20.16	5670.00						
30	775/321	42	7/29/2022	1/2" Thick Cement Plaster	1:4	186	0.73	1.36							
31	775/321	42	7/29/2022	P.C.C.	1:2:4	62	17.60	10.91						54.56	
32	775/321	43	7/29/2022	Fabrication of mild steel	G.40	54					0.054				
33	775/321	43	7/30/2022	RCC Raft	1:2:4	60	17.60	10.56						52.80	
34	775/321	44	7/30/2022	Single layer of tile		4985	0.50/360	24.93		17946.00					768.81
	Total							750.35	87615.00	19252.80	0.509	1.087	773.410	852.913	
	Rate at the Time of Tender							800	8000	7500	192284	194284	4200	136.61	
	Rate at the time of Consumption							1020.00	10000.00	9000.00	230284.00	223284.00	5200.00	164.38	
	%age of Difference							27.50	25.00	20.00	19.76	14.93	23.81	20.33	
	Difference of Rate							220.00	2000.00	1500.00	38000.00	29000.00	1000.00	27.77	
	Amount							165077	175230	28879	19342	31535	7734	23685	
1	775/321	111	8/1/2022	Pacca Brick Work in other than	1:5	63	4./1350	2.52	850.50						
2	775/321	112	8/1/2011	1/2" Thick Cement Plaster	1:4	381	0.73	2.78							
3	775/321	113	8/1/2011	Cement Pointing Struck Joints	1:2	1700	0.72	12.24							
4	775/321	114	8/3/2022	1-1/2" thick topping 1:2:4		692	1.25	8.65							
5	775/321	115	8/3/2022	Fabrication of mild steel	G.40	34							76.12		
6	775/321	123	8/5/2022	Ceramic Tile for Floor (3/4")	1:3	20	1.92	0.43			0.034				
7	775/321	124	8/5/2022	Ceramic Tilefor Skirting (1/2")	1:2	83	1.25	1.79							
8	775/321	127	8/10/2022	Single layer of tile		8032	0.50/360	40.16		28915.20					1238.73
9	775/321	127	8/10/2022	M.S. grill		1876	1.37					2.57			
10	775/321	128	8/10/2022	M.S. angle iron chowkat		680	1.30					0.884			
	Total							68.58	850.50	28915.20	0.03	3.45	76.12	1238.73	
	Rate at the Time of Tender							800	8000	7500	192284	194284	4200	136.61	
	Rate at the time of Consumption							1020.00	10000.00	9000.00	230284.00	223284.00	5200.00	166.30	
	%age of Difference							27.50	25.00	20.00	19.76	14.93	23.81	21.73	
	Difference of Rate							220.00	2000.00	1500.00	38000.00	29000.00	1000.00	29.69	
	Amount							15087	1701	43373	1292	100169	761	36778	

Sub Divisional Officer
Buildings Sub Division
Burewala.

"PRICE VARIATION"

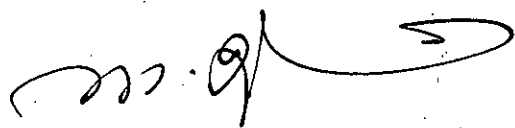
Balance work of Revamping of All DHA/15 THQ Hospitals in Punjab One at THQ Hospital Burewala District Vehari (ADP No. 1013/2021-22)

Name of Contractor: Abdul Ghaffar Butt & Co., Govt. Contractor

Date of Tender: 09.03.2022.

Abstract Work yet to done

Sr. No.	Description	Amount
1	Cement	500000
2	Brick	318762
3	Brick Tile	159629
4	Steel	5488
5	M.S. Tee/Angle/Flat etc.	48743
6	Crush	8976
7	Bitumen	92574
8	Labour	2075683
9	Diesel	2625022
	Total	5834878



Sub Divisional Officer
Sub Divisional Officer
Buildings Sub Division
Burewala.


**EXECUTIVE ENGINEER
BUILDINGS DIVISION
VEHARI**

Superintending Engineer
Superintending Engineer
Building Circle Multan

PRICE VARIATION OF DIESEAL

Name of Work: Balance work of Revamping of All DHA/15 THQ Hospitals in Punjab One at THQ Hospital Burewala District Vehari
(ADP No. 1013/2021-22)


Agency: Abdul Ghaffar Butt & Co., Govt. Contractor

Authority: E.E No. 1584/CB, Dated 26-03-2022.

Date of Commencement: 26.03.2022.

Date of Tender: 09.03.2022.

Sr. No.	Description	Measurement Book & Page No.	Month	Value of Work Done	Conversion	B.L.R	C.L.R	Difference	%-Age	Amount
7	8th/Running		10-2022	29652609	0.07	144.15	235.30	91.15	63.23%	1312511
7	9th/Running		11-2022	29652610	0.07	144.15	235.30	91.15	63.23%	1312511
									Total	2625022


Sub Divisional Officer
Buildings Sub Division
Burewala.

8. ANNUAL OPERATING AND MAINTENANCE COST AFTER COMPLETION OF THE PROJECT

The Annual operating and maintenance cost after completion of the Project is Rs.15.000 million. The same may be borne by the District Health Authority of the concern District as well as Primary and secondary healthcare Department, Lahore.

8. ANNUAL OPERATING COST (POST COMPLETION)

Financial Components: Capital
Cost Center:OTHERS- (OTHERS)
Fund Center (Controlling):N/A

Grant Number:Government Buildings - (PC12042)
LO NO:LO21010734
A/C To be Credited:Assan Assignment

PKR Million

Sr #	Object Code	2023-2024		2024-2025		2025-2026		2026-2027		2027-2028	
		Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign
1	A05270-To Others	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	A12403-Other Buildings	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Financial Components: Capital
Cost Center:OTHERS- (OTHERS)
Fund Center (Controlling):N/A

Grant Number:Government Buildings - (PC12042)
LO NO:LO21010734
A/C To be Credited:Assan Assignment

PKR Million

Sr #	Object Code	2023-2024		2024-2025		2025-2026		2026-2027		2027-2028	
		Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign
1	A05270-To Others	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	A12403-Other Buildings	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

9. DEMAND AND SUPPLY ANALYSIS

No modern health facilities and scientific diagnostics are presently available in this Hospital. This initiative of revamping Hospital covers all departments and components of healthcare including Medical, Surgical, psychiatric, Cardiac, ENT, Ophthalmic and Pediatrician components. Moreover, women health components i.e. Gynea and obstetric will also be emphasized upon. In emergency, calamities and natural disasters, valuable lives will be saved through revamping of Emergency Units.

10. FINANCIAL PLAN AND MODE OF FINANCING

10.1 FINANCIAL PLAN EQUITY INFORMATION

10.2 FINANCIAL PLAN DEBT INFORMATION

undefined

10.3 FINANCIAL PLAN GRANT INFORMATION

attached

10. FINANCIAL PLAN AND MODE OF FINANCING

The project will be executed / financed through Annual Development Program under the Primary and Secondary Healthcare Department, the Government of Punjab.

Revenue Side:

(Rs.in

Million)

	FY 2021-22	FY 2022-23
Funds Released	5.280	8.060
Utilization	4.260	1.317

Capital Side:

	FY 2021-22	FY 2022-23
Funds Released	30.000	35.000
Utilization	30.000	0.000

Balance funds may be provided for completion of the project in subsequent years through ADP

10.4 WEIGHT COST OF CAPITAL INFORMATION

undefined

11. PROJECT BENEFITS AND ANALYSIS

11.1 PROJECT BENEFIT ANALYSIS INFORMATION

SOCIAL BENEFITS WITH INDICATORS

Social economic burden will be decreased due to availability of better medical services in the district. Time and money of community will be saved which were expended in other cities like Lahore Islamabad etc. on treatment of patients and for boarding and logging of attendants. The social status of community will rise.

SOCIAL IMPACT:

A number of patients lose their lives or suffer serious disabilities for want of timely access to the health facilities. The project will ensure that no one is left to reach the health facilities. The most important beneficiaries will be mothers having complicated delivery conditions. The number of patients transferred to the health facilities for treatment and lifesaving will serve as indicators for performance evaluation. In long term the project will help in improving socio-economic indicators of IMR and MMR.

EMPLOYMENT GENERATION (DIRECTOR AND INDIRECT)

Revamping of this Hospital will lead to generation of employment for highly skilled /professional staff and unskilled staff leading to reduction of unemployment. Huge employments opportunity will be created from the establishment of the project. The Medical doctors and paramedics who are trained in this discipline or intended to specialize in this field can make maximum use of training. A large number of gazetted and non-gazetted posts will be available for employment directly or indirectly.

11.2 ENVIRONMENTAL IMPACT ANALYSIS

ENVIRONMENTAL IMPACT

It will have no hazardous effect on the environment. On the other hand, addition of horticulture and landscaping will provide healthy environment to the general public. All the more, the program is environment friendly having no adverse environmental effects. Simultaneously, this shall further improve environment by creating sense of responsibility among employed and beneficiaries of the service.

11.3 PACT ANALYSIS

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11.4 ECONOMIC ANALYSIS

IMPACT OF DELAYS ON PROJECT COST AND VIABILITY

Delay in the implementation of the project will lead to increase in cost and increase financial burden on the Government and general population of Punjab. Since the project is one of the major needs and a long awaited desire of the community, therefore, Government of the Punjab contemplated plan for early execution of Revamping of Emergency Units. The delay will not only deprive the patients of the state of the art facility but also distort the public image of the Government.

11.5 FINANCIAL ANALYSIS

FINANCIAL BENEFITS & ANALYSIS

Tremendous public benefits will be accrued from revamping of Emergency Units:

The Targets of Sustainable Development Goals (SDGs) will be achieved

The Human Development Index of Pakistan (HDI) will improve

Infant Mortality Rate will decrease

Mother Mortality rate will be decreased

The international commitments of Pakistan will be accomplished

Health standard of public will

Better Health Facilities to mother and

Prompt and scientific facility for operation

Rehabilitation of disables and injured

Blindness in this area will be decreased and controlled

Better social and mental health to addict

Provision of better health facilities at doorsteps

Awareness and control for communicable

Survival of heart failure

Social indicators of Pakistan will improve

This will decrease load of patients on teaching hospitals and specialized institutions by promoting physical and mental health. By adopting preventive and Hygienic principles, the number of patients and diseases will decrease. Resultantly budget load of Government for treatment will decrease and saving will be utilized for development programs.

11.1.1 FINANCIAL IMPACT:

In the beginning, the It is extremely difficult to put a money value on each life saved by taking/shifting a critically ill patient to the appropriate health facility for treatment. However, the exact amount spent shall be calculated against each patient shifted by analyzing data collected during operations.

11.2 REVENUE GENERATION

Revenue will be generated from:

Laboratory fees

Diagnostic facility fees

X-Ray fee

Dental fee

ECG fee

Private room charges

Parking fee

Medico Legal Fee

Medical Certificate of New Government Employees

12. IMPLEMENTATION SCHEDULE

12.1 IMPLEMENTATION SCHEDULE/GANTT CHART

IMPLEMENTATION SCHEDULE

Starting date: 01-07-2021

Expected Completion date: 30-06-2025

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12.4 M&E PLAN

The operation team will monitor the progress of the project and will hold regular weekly meeting to review the progress under the supervision of Project Director.

12.5 RISK MITIGATION PLAN

attached

RISK REGISTER
Balance Work of
Revamping of all
DHQ / 15 THQ
Hospitals in Punjab

RISK DATA				Pre-Mitigation / Current Qualitative Assessment			MITIGATION
Risk Item No	Risk Description/Event	Cause	Effect / Consequences	Likelihood (1 to 3)	Impact (1 to 3)	Risk Score (1 to 9)	Mitigation / Actions
1	Due date for the completion of some hospital sites may be extended due to increase in scope from the Client	Direct instructions from the Medical Superintendents / Hospital Administration to revamp the remaining areas	Significant scope increase requested by the Hospital administration will result in: 1. Project delays 2. Contractor claims 3. Increase in project cost along with variations	3	3	9	Hospital administration is requested to finalize the scope during joint field visits of C&W and PMU
2	Various unexpected structural issues are being encountered	Unforeseen structural issues are expected to face during execution in hospital buildings approaching end of life	1. Stoppage of work 2. Performance of the Contractor has affected 3. Delays in the project	3	3	9	Various items which are unforeseen and expected to be used during execution may be taken in estimates so that those can be executed to address these issues
3	Change in management of the Client	Management change	Re-briefing is to be carried out	2	2	4	Acceleration of understanding for smooth and expeditious transition, without affecting the project
4	Financial Issues	Funds for these schemes should be provided as per the targets	1) Delay in tendering 2) Effect on quality as the Consultant supervision will not take place 3) Inconvenience to the patients	3	3	9	Approval of PCIs and early release of funds is requested
5	Nationwide spread of pandemic i.e. COVID-19 in 2nd and 3rd quarter of this year	Work delays during nationwide lockdown.	1) Delays in completion of works 2) Claim requests received by Contractor and Consultant	3	3	9	Contractor will be asked to depute fully vaccinated labor

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13. MANAGEMENT STRUCTURE AND MANPOWER REQUIREMENTS

The Organogram of New Management Structure is available in PC-I

14. ADDITIONAL PROJECTS / DECISIONS REQUIRED

NA

15. CERTIFICATE

Focal Person Name:Mr. ADEEL ASLAM

Designation:Project Director, PMU P&SHD

Email:

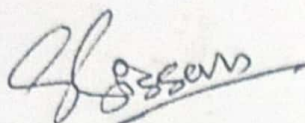
Tel. No.:

Fax No:


Address:31/E1, Shahrah-e-imam Hussain? Road? Block E 1 Gulberg III, Lahore, Punjab

15. It is certified that the project titled "Balance work of Revamping of THP, Burewah (1st Revised)" has been prepared on the basis of instruction provided by the Planning Commission for the preparation of PC-I for Social Sector projects.

Prepared By:

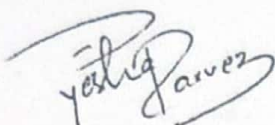


(HISSAN ANEES)
DIRECTOR PLANNING & HR, PMU,
PRIMARY & SECONDARY HEALTHCARE
DEPARTMENT, LAHORE
(042-99231206)
(Oct-2022)



(HAMZA NASEEM)
PROJECT MANAGER CIVIL, PMU,
PRIMARY & SECONDARY HEALTHCARE
DEPARTMENT, LAHORE
(042-99231206)
(Oct-2022)

Checked By:



(Dr. AYESHA PARVEZ)
DEPUTY PROJECT DIRECTOR (PMU),
PRIMARY & SECONDARY HEALTHCARE
DEPARTMENT, LAHORE
(042-99231206)
(Oct-2022)



(KHIZAR HAYAT)
PROJECT DIRECTOR (PMU),
PRIMARY & SECONDARY HEALTHCARE
DEPARTMENT, LAHORE
(042-99231206)
(Oct-2022)

Approved By:



(DR. IRSHAD AHMAD)
SECRETARY,
GOVERNMENT OF THE PUNJAB
PRIMARY & SECONDARY HEALTHCARE DEPARTMENT, LAHORE
(042-99204567)
(Oct-2022)

17. RELATION WITH OTHER PROJECTS

Scheme ID	Scheme Name
	Balance Work of Revamping of THQ Hospital Burewala

20. MARGINALISATION OF PC-1

SR.NO.	CRITERIA	YES/NO	COMMENTS
Description & Objectives			
1	does the pc-i specify link/alignment with punjab growth strategy, punjab spatial strategy (if relevant) & sustainable development goals?	NO	
2	do project objectives/justification include focus on marginalised groups (women, pwds, minorities, transgender, poor etc.)?	NO	
Use of Gender Disaggregated Data			
1	has gender disaggregated data been used to determine need for the project? if yes, identity the source. if not, what additions/observations have been made to strengthen the pc-i?	NO	
2	was gender disaggregated data used to identify potetialimpact of the project on selected beneficiaries?	NO	
Social Impact			
1a	have marginalised groups been included as beneficiaries of the project?	NO	
1b	if yes, does the pc-1 specify a specific quota/percentage for the marginalised (women, peds, etc.)?	NO	
2	does the pc-1 include specific provisions for capacity building / training of women (if applicable)?	NO	
Results Based Monitoring			
1a	does the pc-i include a results based monitoring framework (rbmf)/logical framework?	NO	
1b	if yes, does the framework include measurable targets relating to impact on marginalised groups?	NO	
2	were sdg indicators used for determining targets included in the pc-i?	NO	
3	was gender disaggregated data used to establish baseline and develop quantifiable targets/key indicators?	NO	
4	if yes, identify the source/refresh institute(s)?	NO	
Incursion/Participation			
1	was female representation ensured in planning and adp formulization?	NO	
2a	was stakeholder consultation held during adp formulization and/or pc-idevelopment?	NO	

2b	if yes, did the consultation include experts and representatives of marginalised groups and csos?	NO	
3	was participation of representatives of marginalised groups ensured in pc-1 risk assessment planning?	NO	
Monitoring & Evaluation			
1	does the project provide a role to communities in project monitoring and/or implementation (if relevant)?	NO	
2a	does the project include formation of a steering committee and/or project implementation committees?	NO	
2b	if yes, is there a provision to ensure representation of women in these committees?	NO	