PC-1

Balance Work of Revamping of THQ Hospital Arifwala

ORIGINAL APPROVED COST	**PKR Million. 185.541/-**
ORIGINAL APPROVED GESTATION	**43 Months** **Till June 2025**
APPROVAL FORUM	**DDSC (DDSC)**

1. NAME OF THE PROJECT

Balance Work of Revamping of THQ Hospital Arifwala

2. LOCATION OF THE PROJECT

2.1. DISTRICT(S)

I. PAKPATTAN

2.2. TEHSIL(S)

I. ARIFWALA

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 FEDRAL 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:**5364
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 Arifwala:	56,291 SFT
Area completed:	8,800 SFT
Area Not Taken up:	47,491 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 groves 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 cites 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/stretcher way for entrance, podium and platform for wheel chairs are proposed in this program for facilitation of patients. Portico is a small structure constructed outsides the covered area consisting of four or two columns carrying a slab or roof over it. This portico is constructed in this program outsides 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/Stretcher way is an essential structure to constructed outsides the emergency department because almost all the patients coming towards the emergency block are on either wheel chairs of stretcher. 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 stretcher way is proposed outsides 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 uninterruptable 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 inflectional 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, paeds, 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.

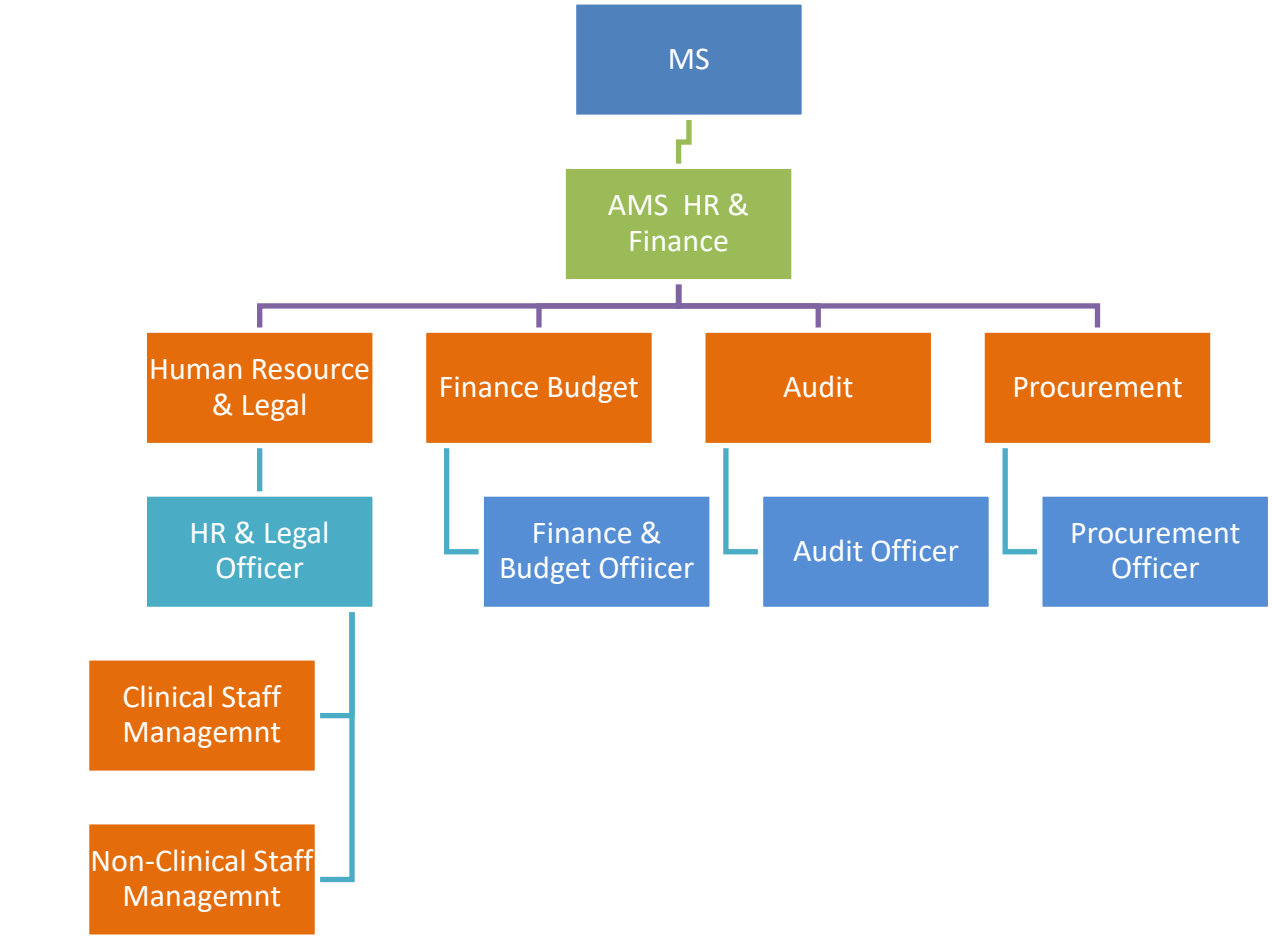
5.7.4 EMR and Networking

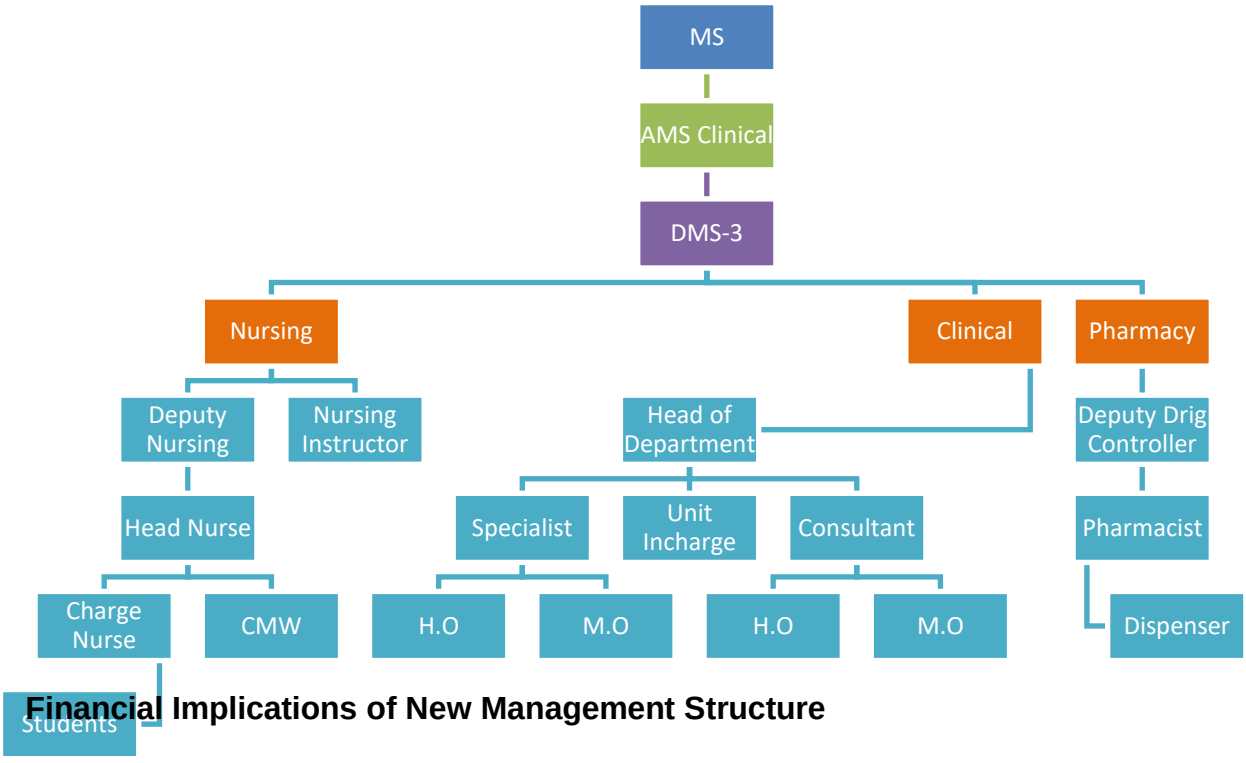
Establishment of network infrastructure, establishing a central data center, connectivity of different building through fiber, are also the major components of the revamping project in terms of ICT. This will including provision of networking point at all nursing stations and important areas where entries 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:

Project Pay Scale (PPS)	Revised Project Pay Scales (Permissible Range) (PKR)	Annual Increment Up to % age
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

Eigibility 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

Eigibility 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 / sub-ordinate 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

Eigibility 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

Eigibility 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.

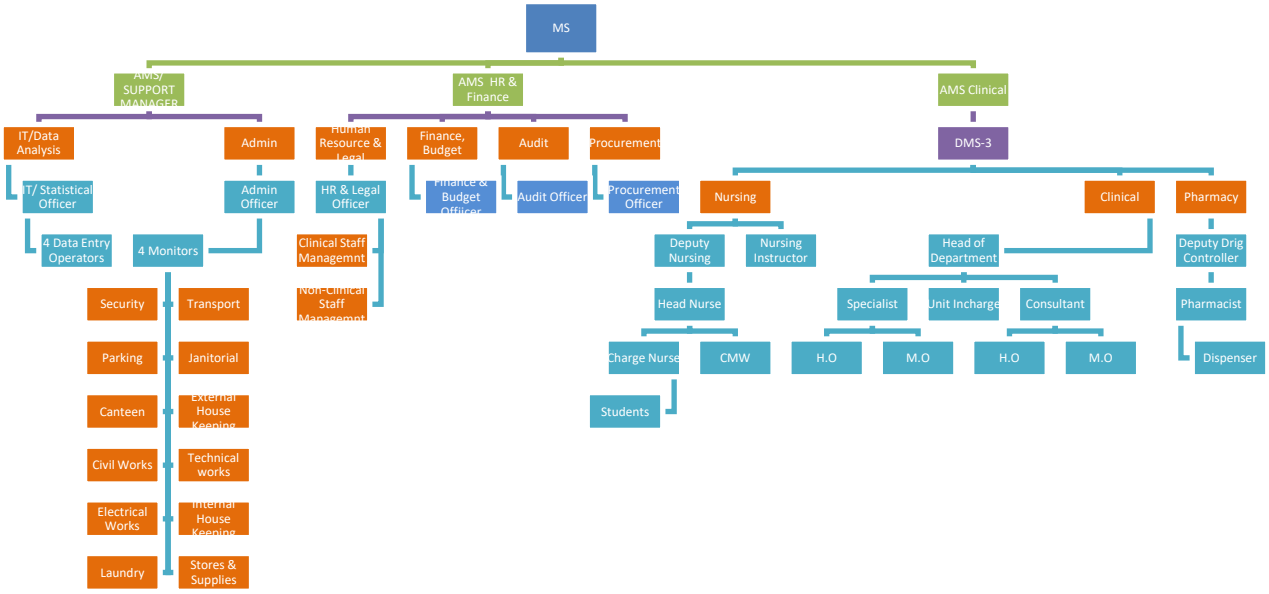
2. One year experience in Supply Chain, logistics, fleet, warehousing and inventory management, clearing and forwarding.

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-I. The Population of Tehsil Arifwala District Pakpattan is more than 0.720 million. The area of the THQ Hospital Arifwala District Pakpattan is 549310 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.

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	**60th 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

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 Sheikhupura
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:LO21010548
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	10.000	0.000	10.000	0.000	18.853	0.000
Total		**0.000**	**0.000**	**10.000**	**0.000**	**10.000**	**0.000**	**18.853**	**0.000**

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

Grant Number: Government Buildings - (PC12042)
LO NO:LO21010520
A/C To be Credited: Account-I

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	50.000	0.000	50.000	0.000	46.688	0.000
Total		**0.000**	**0.000**	**50.000**	**0.000**	**50.000**	**0.000**	**46.688**	**0.000**

Abstract of Cost

Balance work of revamping THQ Hospital Arifwala — **Cost in Million**

Scope of work	Original Cost			Amended Cost			1st Revised Cost		
	Capital	**Revenue**	**Total**	**Capital**	**Revenue**	**Total**	**Capital**	**Revenue**	**Total**
Capital component									
Internal Development	73.973	0.000	73.973	91.193	0.000	91.193	88.143	0.000	88.143
External Development	28.650	0.000	28.650	35.118	0.000	35.118	56.545	0.000	56.545
Water filtration plant	1.600	0.000	1.600	1.800	0.000	1.800	2.000	0.000	2.000
Total Capital Component	**104.223**	**0.000**	**104.223**	**128.111**	**0.000**	**128.111**	**146.688**	**0.000**	**146.688**
Revenue component									
Human resource (HR) plan	0.000	17.520	17.520	0.000	17.520	17.520	0.000	29.853	29.853
Electrical	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**	**38.853**	**38.853**
Total	**104.223**	**17.520**	**121.743**	**128.111**	**17.520**	**145.631**	**146.688**	**38.853**	**185.541**
GST 5%	5.211	0.000	5.211	6.373	0.000	6.373	0.000	0.000	0.000
Green punjab tax 1%	1.042	0.000	1.042	1.275	0.000	1.275	0.000	0.000	0.000
Grand Total	**110.476**	**17.520**	**127.996**	**135.759**	**17.520**	**153.279**	**146.688**	**38.853**	**185.541**

Electricity							
		Orignal			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

Human Resource Model of THQ Hospital

	Original				1st Revised				
NAME OF POST	**No. of Emplyees**	**Per Month Salary**	**Per Month Salary for all Person**	**Salary for Two Years**	**No. of Emplyees**	**Project Pay Scale**	**Per Month Salary**	**Per Month Salary for all Person**	**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				**6.720**					
									36.573

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.

PUNJAB BUILDINGS DEPARTMENT

O/C

DIVISION: BUILDINGS DIVISION PAKPATTAN.

B DIVISION: BUILDINGS SUB DIVISION, ARIFWALA.

SUBJECT: REVISED ROUGH COST ESTIMATE FOR THE REVAMPING OF TEHSIL HEAD QUARTER HOSPITAL ARIFWALA ADP NO. 792 FOR THE YEAR 2021-22.

MAJOR HEAD:

MINOR HEAD:

ESTIMATED COST: Rs: ~~153.250~~ 146.688 Millions

REVISED ROUGH COST ESTIMATE FOR THE REVAMPING OF TEHSIL HEADQUATER HOSPITAL ARIFWALA ADP NO. 792 FOR THE YEAR 2021-2022

HISTORY.

The Govt. of the Punjab has been provided better facilities for the health department. The Project Management Unit Primary & Secondary Health Care Department (31-E/a Shahrah-E-Hazrat Imam Husain Gulberg, III Lahore dated for 19.12.20212 for revised rough cost estimate. The scheme titled as Balance Work of All 40 DHQ/ THQ Hospitals in Punjab one at THQ Hospital Arifwala.

Hence the revised rough cost estimate amounting Rs. ~~153.250~~ 146.688 (M) Million after the Visit of THQ Hospital Arifwala Detailed Minutes of Meetings were prepared by PMU, P&SHD and were shared with Buildings Department to include various items that were missed in the estimate submitted earlier by Buildings Department on which Administrative Approval was given. 146.688 (M)

Hence the revised rough cost estimate amounting to **Rs.~~153.250~~ (Million)** has been prepared for its approval please.

SCOPE OF WORK.

The following provision have been made in the estimate.

1. Main Building
2. Turbine including Boring
3. O.H.R
4. External Development
5. WAPDA Connection
6. Horticulture Charges = 1%
7. P.R. A = 5%

SPECIFICATIONS.

The work will be carried out according to the Building Department specification latest edition and to the entire satisfaction of the Engineer In-charge.

RATES.

Rates provided in the estimate are based on Plinth Area 1st Bi-Annual 2022.

COST. The total cost estimate to Rs.153.250 (Million)

LAND. No. provision of land has been made in the estimate. As the same is available with the Department.

CARRYING OUT OF WORK.

The work will be carried out through the approved Govt: Contractor after calling competitive tenders.

TIME.

It will be taken about -Years to complete the work from the actual date of commencement.

EXECUTIVE ENGINEER
Buildings Division, Pakpattan

SUB DIVISIONAL OFFICER
Buildings Sub Division Arifwala

P21

No. PMU/(P&SHD)/2022/0588
PROJECT MANAGEMENT UNIT
P&S HEALTHCARE DEPARTMENT
(31-E/1, Shahrah-e-Hazrat Imam Hussain
Gulberg-III, Lahore, Ph: 042-99231208)
Dated: December 19th, 2022

To

Executive Engineer,
Buildings Division,
Pakpattan

SUBJECT: **SUBMISSION OF REVISED ROUGH COST ESTIMATE FOR BALANCE WORK OF ALL 40 DHQ/THQ HOSPITALS IN PUNJAB ONE AT THQ HOSPITAL ARIFWALA.**

In Reference to the Minutes of Meeting of Visit of PMU, P&SHD team dated 12th April 2022.

After the Visit of THQ Hospital Arifwala Detailed Minutes of Meetings were prepared by PMU, P&SHD and were shared with Building Department to include various items that were missed in the Estimate submitted earlier by Building Department on which Administrative Approval was given.

It is once again requested from the Buildings Department Pakpattan to please include the below mentioned items in the Revised Estimate and Submit it to PMU, P&SHD for Revised Approval by 21st December 2022.

The details of the Revamping works to be included in the Revised Estimate are as follows.

1. Antimicrobial Flooring, Antimicrobial Wall Paneling and Non porous ceiling needs to be done inside OT and same needs to be included in the Revised Estimate also.
2. Internal and External Electrification works need to be included in the Revised Estimate as per the Scope shared by PMU, P&SHD.
3. Corner Protection SS Angles need to be included in the Revised Estimate.

In this regard it is stated to please include the above mentioned Civil works in Revised Rough Cost Estimate of the subject scheme along with detail working instead of 10% price variation in the light of P&D letter no. 594/AC(Tech)/P&D/2022-23 dated 09-09-2022. It is further stated that the said PC-I is planned to be revised in DDSC which is planned in this week due to revenue component. Hence, it is requested to submit the Revised Estimate of civil work by incorporating actual price variation whether it exceeds 10% or not by 21-12-2022. So that the Revised Approvals could be issued timely.

Project Manager Civil

PMU P&SHD

CC:

1. Project Director, PMU, P&SHD, Lahore.
2. Deputy Project Director, PMU, P&SHD, Lahore.
3. Director Infrastructure, PMU, P&SHD, Lahore.
4. Chief Engineer Buildings, South Zone, Lahore
5. Office Copy I&C.

REVISED ROUGH COST ESTIMATE FOR THE REVAMPING OF TEHSIL HEAD QUARTER HOSPITAL ARIFWALA ADP NO.792 FOR THE YEAR 2021-22.

Sr No.	Description	Approved Amended Rough Cost Estimate				As Per Revised Rough Cost Estimate								Total Quantity	Total Amount	Difference		Remarks
		Qty	Unit	Rate	Amount	Work Allotted				Work yet to be allotted								
						Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	(7+11)	(10+14)	Excess	Saving	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
(A)	**Main Building**																	
1.	Revamping of Old Building				73263700				73263700				11777000	0	85040700	11777000	0	
2.	Provision of Sewer Line				9059100				9059100					0	9059100	0	0	
3.	Electric Installation (Internal wiring)	63580	P.Sft	163	10363540	63580	P.Sft	163	10363540	-50580	P.Sft	163	-8244540	13000	2119000	0	8244540	
4.	Public Health Fitting	63580	P.Sft	119	7566020	63580	P.Sft	119	7566020					63580	7566020	0	0	
5.	Construction of Boundary wall 9" thick 8' height.	350	P.Rft	6089	2131150	350	P.Rft	6089	2131150					350	2131150	0	0	
ii	Construction of Boundary wall 9" thick 6' height.	0	0	0	0	0	0	0	0	325	Rft	2789	906425	325	906425	906425	0	
6.	Provision of Razor Cut wire Fensing.	2388	P.Rft	322.55	770249	2388	P.Rft	322.55	770249	762	Rft	322.55	245783.1	3150	1016033	245783	0	
7.	Provision of Tuff Tile.				3061000				3061000					0	3061000	0	0	
8.	Provision of Fiber Glass Waiting Shed	1800	P.Sft	546.15	983070	1800	P.Sft	546.15	983070					1800	983070	0	0	
9.	Provision of Parking Shed	5400	P.Sft	546.15	2949210	5400	P.Sft	546.15	2949210					5400	2949210	0	0	
10.	Construction of Mortury Room (Extension)	600	P. Sft	2948	1768800	600	P. Sft	2948	1768800					600	1768800	0	0	
11.	Construction of Electric Room.	692	P.Sft	2773	1918916	692	P.Sft	2773	1918916					692	1918916	0	0	
12.	P/F Filteration Plant (R.O) 1000 Gallon Capacity complete in all respect as approved by the Engineer In-charge.	1	Each	2000000	2000000	1	Each	2000000	2000000					1	2000000	0	0	
13.	P/L 24' hight stepped galvanized steel pole G.I. pipe 4" dia 10' long 3" dia 10' long 2-1/2" dia 4' long i/c silver paint along with M.S base plate 1-1/2"x1-1/2"x1/4" plain cement concrete 1:2:4 foundation i/c J-bolt 4-Nos. 25mm dia (40" long) etc. i/c LED light 40-watt i/c steel light pole bracket 1-1/4" dia G.I pipe 2-Meter long complete 2-Nos. pole clamp and pole mounted street light holders shade and glass etc. complete as approved by the Engineer In-charge.	40	Each	78300	3132000	40	Each	78300	3132000	-20	Each	78300	-1566000	20	1566000	0	1566000	
14.	Provision of 1/2 Cusec Turbine i/c Boring.				4925100				4925100				0	0	4925100	0	0	
15.	Construction of Pumping Chamber.	288	P.Sft	2699	777312	288	P.Sft	2699	777312					288	777312	0	0	
16.	Provision of Over Head Reservior 80' height.	10000	P.G	280	2800000	10000	P.G	280	2800000					10000	2800000	0	0	
17.	Provision of Collecting Tank 20' dia i/c sludge pump.				0				0				2631925	0	2631925	2631925	0	
				Total:-	127469167			Total:-	127469167				5750593	Total:-	133219761	15561133	9810540	
	Add Cost of Price Variation				0								7037114		7037114	7037114		
	Add 1% Horticulture Charges				1274692				1274692				57505.93		1332198	57506		
				Total:-	128743859			Total:-	128743859				12845213	Total:-	141589072			

Sr No.	Description	Approved Amended Rough Cost Estimate				As Per Revised Rough Cost Estimate								Total	Total	Difference		Remarks
		Qty	Unit	Rate	Amount	Work Allotted				Work yet to be allotted				Quantity	Amount			
						Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	(7+11)	(10+14)	Excess	Saving	
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Add for Punjab Sales Tax 5%				6373458				6373458				287529.7		6660988	287530		
	Add Cost of Wapda Connection 400-KVA Transformer				0								5000000		5000000	5000000		
				Total:-	135117317			Total:-	135117317				18132743	Total:-	153250060			
				Say:-	135117000			Say:-	135117000				18133000	Say:-	153250000			
		Or			135.117	Or			135.117				18.133		~~153.250~~	(M)		

146.688(M)

Sub Divisional Officer,
Buildings Sub Division,
Arifwala

EXECUTIVE ENGINEER
Buildings Division Pakpattan

REVISED ROUGH COST ESTIMATE FOR THE REVAMPING OF TEHSIL HEAD QUARTER HOSPITAL ARIFWALA

ADP NO.792 FOR THE YEAR 2021-22.

Sr #	Description	Plinth Area	Unit	As per amended rough cost estimate Plinth Area Rates (1st Bi Annual 2022)				Total	Amount	Plinth Area	Unit	As per revised Estimate Plinth Area Rates (1st Bi Annual 2022)				Total	Amount	Difference	
				B.P.	P.H.	E.I.	Sui Gas					B.P.	P.H.	E.I.	Sui Gas			Excess	Saving
																78,458,000			
1.	Revamping of Old Building								73263700								85040700	11777000	0
2.	Provision of Sewer Line								9059100								9059100	0	0
3.	Electric Installation (Internal wiring)	63580	-			163		163	10363540	13000	-			163		163	2119000		8244540
4.	Public Health Fitting	63580	--		119			119	7566020	63580	--		119			119	7566020	0	0
5.	Construction of Boundary wall 9" thick 8' height.	350	P.Rft	6089				6089	2131150	350	P.Rft	6089				6089	2131150	0	0
ii	Construction of Boundary wall 9" thick 6' height.	0	P.Rft	0				0	0	325	P.Rft	2789				2789	906425	906425	0
6.	Provision of Razor Cut wire Fensing.	2388	P.Rft	322.55				322.55	770249	3150	P.Rft	322.55				322.55	1016033	245783	
7.	Provision of Tuff Tile.								3061000								3061000	0	0
8.	Provision of Fiber Glass Waiting Shed	1800	P.Sft	546.15				546.15	983070	1800	P.Sft	546.15				546.15	983070	0	0
9.	Provision of Parking Shed	5400	P.Sft	546.15				546.15	2949210	5400	P.Sft	546.15				546.15	2949210	0	0
10.	Construction of Mortury Room (Extension)	600	P. Sft	2610	119	163	56	2948	1768800	600	P. Sft	2610	119	163	56	2948	1768800	0	0
11.	Construction of Electric Room.	692	P.Sft	2610		163		2773	1918916	692	P.Sft	2610		163		2773	1918916	0	0

T.A E S

12.	P/F Filteration Plant (R.O) 1000 Gallon Capacity complete in all respect as approved by the Engineer In-charge.	1	Each	2000000				2000000	2000000	1	Each	2000000				2000000	2000000	0	0
13.	P/L 24' hight stepped galvanized steel pole G.I. pipe 4" dia 10' long 3" dia 10' long 2-1/2" dia 4' long i/c silver paint along-with M.S base plate 1-1/2"x1-1/2"x1/4" plain cement concrete 1:2:4 foundation i/c J-bolt 4-Nos. 25mm dia (40" long) etc. i/c LED light 40-watt i/c steel light pole bracket 1-1/4" dia G.I pipe 2-Meter long complete 2-Nos. pole clamp and pole mounted street light holders shade and glass etc. complete as approved by the Engineer In-charge.	40	Each	78300				78300	3132000	20	Each	78300				78300	1566000	-1566000	0
14.	Provision of 1/2 Cusec Turbine i/c Boring.								4925100								4925100	0	0
15.	Construction of Pumping Chamber.	288	P.Sft	2610	--	89	--	2699	777312	288	P.Sft	2610	--	89	--	2699	777312	0	0
16.	Provision of Over Head Reservior 80' height.	10000	P. Gln	280	--	--	--	280	2800000	10000	P. Gln	280	--	--	--	280	2800000	0	0
17.	Provision of Collecting Tank 20' dia i/c sludge pump.	0	0	0	--	--	--	0	0	1	Each					2631926	2631926	2631926	0
								Total-	127469167							Total-	133219762 126,637,136	13995134	8244540
	Add Cost of Price Variation								0								7037114		
	Add 1% Horiticulture Charges								1274692								1332198 126637		
								Total-	128743859							Total-	141589073		

134,940,621

	Add for Punjab Sales Tax 5%								6373458								6660988		
	Add Cost of Wapda Connection ~~400-KVA~~ Transformer 5 Nos New								0								5000000		
								Total-	135117317							Total-	153250061	146,687,652	
								Say Rs.	135117000							Say Rs.	153250000	146,688,000	

6747031

Say Rs. 135.117 (M)

Say Rs. ~~153.250~~ (M)

146688(M)

Superintending Engineer,
Buildings Circle, Sahiwal.

EXECUTIVE ENGINEER
Buildings Division Pakpattan

SUB DIVISIONAL OFFICER
Buildings Sub Division Arifwala

Sub Engineer

REVISED ROUGH COST ESTIAMTE ON DETAIL BASED FOR THE REVAMPING OF TEHSIL HEAD QUARTER HOSPITAL ARIFWALA FOR THE YEAR 2021-22

Sr No.	Description	As per amended rough cost estimate (1st Bi Annual 2022)				As per revised Estimate (1st Bi Annual 2022)				Difference	
		Qty:	Unit	Rate	Amount	Qty:	Unit	Rate	Amount	Excess	Saving
1	Dismantling of cement concrete plain 1:2:4	5084	% Cft	9060.50	460593	5084	% Cft	9060.50	460593	0	0
2	Dismantling of 2nd Class Tile Roofing.	71545	% Cft	1029.60	736627	71545	% Cft	1029.60	736627	0	0
3	P/L single layer of tiles 9"x4½" x ½" laid over 4" earth and 1" mud plaster without bhoosa over thermopore sheet over polythine sheet 500 guage grouted with cement sand 1:3 on top of RCC roof slab provided 34 lbs per % sft bitumen coating i/c polythene sheet 500-gauge.	71545	% Sft	9791.40	7005254	71545	% Sft	9791.40	7005254	0	0
4	Dismantling glazed or encaustic tiles etc.	40668	% Sft	1932.50	785913	40668	% Sft	1932.50	785913	0	0
5	P/L plain cement concrete 1:2:4	5084	% Cft	28918.55	1470082	5084	% Cft	28918.55	1470082	0	0
6	Providing and laying super 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 / cutting grinding complete in all respect as approved and directed by the Engineer Incharge. (Full body glazed tile 600mmx600mm).	38728	P.Sft	302.25	11705589	38728	P.Sft	302.25	11705589	0	0
7	Providing and laying super best 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 / 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 600mmx600mm).	42040	P.Sft	302.25	12706726	42040	P.Sft	302.25	12706726	0	0

Sr. No.	Description	As per amended rough cost estimate (1st Bi Annual 2022)				As per revised Estimate (1st Bi Annual 2022)				Difference	
		Qty:	Unit	Rate	Amount	Qty:	Unit	Rate	Amount	Excess	Saving
8	Providing and laying super best 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 / 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 (12"x18" / 12"x24" / 10"x24"/ 8"x 24" / 12"x36")	1945	P.Sft	202.70	394274	1945	P.Sft	202.70	394274	0	0
9	Providing and laying super best 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 / the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer In-charge. (12"x18" / 12"x24" / 10"x24"/ 8"x24" / 12"x36")	7132	P.Sft	209.65	1495187	7132	P.Sft	209.65	1495187	0	0
10	Providing and laying non slipary tile on ramp or stair steps full width laid in white cement and matching pigment over 3/4" thick cement sand mortar (1:2) i/c filling joints in white cement and matching pigment complete in all respect (master dwv series class sb or equivalent).	2635	P.Sft	175.00	461125	2635	P.Sft	175.00	461125	0	0
11	P/F PVC wall peneling 3/16"thick fixed with nail and gutti 5" C/C etc. complete in all respect and as approved by the Engineer Incharge.	9686	P.Sft	130.00	1259180	9686	P.Sft	130.00	1259180	0	0
12	P/Applying weather sheild paint of approved quality on external surface of building i/c prepartion of surface, application of primer complete in all respect old surface after scraping.	110561	% Sft	2340.90	2588122	110561	% Sft	2340.90	2588122	0	0

Sr. No.	Description	As per amended rough cost estimate (1st Bi Annual 2022)				As per revised Estimate (1st Bi Annual 2022)				Difference	
		Qty:	Unit	Rate	Amount	Qty:	Unit	Rate	Amount	Excess	Saving
13	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 (1½" x 4") and leaf frame of 60x40mm (2½"x1½") wide sections including the cost of ¼" (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.	2171	P.Sft	716.50	1555522	2171	P.Sft	716.50	1555522	0	0
14	P/F 1-1/2" thick deodar wood panneled or panalled and glazed doors and window with mild steel chowkat frame etc. complete in all respect with M.S angle iron chowkat 1-1/2"x1-1/2"x1/4" welded with M.S flat frame 2"x1/4" etc. complete.	707	P.Sft	1515.75	1071847	707	P.Sft	1515.75	1071847	0	0
15	Providing and fitting all types of glazed aluminium windows of anodised bronze colour partly fixed and partly sliding using delux sections of approved manufacturer having frame size of 100 x 20 mm (4"x¾") and leaf frame sections of 50 x 20 mm (2"x¾"), all of 1.6mm thickness including 5 mm thick imported tinted glass with rubber gasket using approved standard latches, hardware etc., as approved by the Engineer in-charge i/c Aluminum Fly screen comprising of Fiber / Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer brownze Colour / powder coated of size1-1/2"x1/2" and 1.6 mm thick with rubber gasketi / cost of Hardware as approved and directed by the engineer in-charge. complete in all respect.	8320	P.Sft	1294.85	10773477	8320	P.Sft	1294.85	10773477	0	0
16	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/cost of fixtures i.e galvanized angle 1"x1" at wall sides, galvanized tee 1¼"x1" and 1½"x1" both at 4' c/c (made of Taiwan CK More 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 (9mm thick)	38728	P.Sft	83.05	3216374	38728	P.Sft	83.05	3216374	0	0

Sr No.	Description	As per amended rough cost estimate (1st Bi Annual 2022)				As per revised Estimate (1st Bi Annual 2022)				Difference	
		Qty:	Unit	Rate	Amount	Qty:	Unit	Rate	Amount	Excess	Saving
17	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 mortor i/c the cost of matching sealer complete in all respects as approved and directed by the Engineer Incharge.(China Verona)	982	P.Sft	369.35	362609	982	P.Sft	369.35	362609	0	0
18	P/F PVC door with chowkat 2-1/2x7' for wash room of 38mm PVC solid flush with frame door i/c Latch lock of approved quality by the Engineer In charge complete in all respect and as approved by the Engineer In charge.	665	P.Sft	800.00	532000	665	P.Sft	800.00	532000	0	0
19	Providing and fixing auotomatic hydraulic operated door closer imported heavy duty complete in all respect as approved and directed by the Engineer Incharge.	50	Each	2641.55	132078	50	Each	2641.55	132078	0	0
20	Providing and fixing of double action (sonex made) complete with flexible pipe 1-1/4 meter long 1/2"dia chain type as approved by the engineer incharge.	10	Each	2800.00	28000	10	Each	2800.00	28000	0	0
21	Supply and erection of copper conductor cables for service ditto connection in prelaid pipe/G.I. wire/trenches, etc. (rate for cable only):- PVC insulated, PVC sheathed 4 core 660/1100 volt grade cable, Cost of trenches where necessary armoured with G.I. wire 16 SWG. 19/ 0.083	~~2500~~	~~P.Rft~~	~~2605.05~~	~~6512625~~	~~300~~	~~P.Rft~~	~~2605.05~~	~~781515~~		5731110
(ii)	~~----------do----------37 / 0.103"~~	~~600~~	~~P.Rft~~	~~6989.00~~	~~4193400~~	~~100~~	~~P.Rft~~	~~6989.00~~	~~698900~~		3494500
22	Providing and fixing LED light for 45-watt with glass 2x2 model No. LQ54W LED SVG paklite made complete in all respect as approved by the Engineer in-charge	350	Each	6500.00	2275000	120	Each	6500.00	780000		1495000
(ii)	Providing and fixing LED light for 18-watt complete in all respect as approved by the Engineer in-charge	0	Each	0.00	0	100	Each	850.00	85000	85000	

Sr No.	Description	As per amended rough cost estimate (1st Bi Annual 2022)				As per revised Estimate (1st Bi Annual 2022)				Difference	
		Qty:	Unit	Rate	Amount	Qty:	Unit	Rate	Amount	Excess	Saving
23	Supply and installation of premium graded /scratch-resistant Hygienic anti-microbial PVC wall cladding of specified thickness duly thermoplastic welded conforming to (ISO:22196) and pasted over 12mm thick gypsum board with adhesive/solvent fixed over 14-SWG G.I channel of size 3.5"x2"x3.5" duly screwed on wall i/c the cost of hardwares as approved and directed by the engineer incharge.	0	0	0.00	0	2363	P.Sft	1350.00	3190050	3190050	0
24	Supply and installation of anti microbal Hygenic flooring (with anti bacterial agent) Conforming to (ISO:22196) of specified thickness duly welded with thermoplastic equipment placed over self leveling adhesive as approved and directed by the Engineer incharge.	0	0	0.00	0	1000	P.Sft	650.00	650000	650000	0
(25)	P/F Sub Station equipment PEMPAK/PELL/SEIMONS/EMS ETC of MCCB Circuit Breaker Board 650 to 60 Amp three phase model 690 Of TB to 36 KA/36 KA incomming comprising of 12'x7'x20" size almirah of MS sheet 16-SWG hammer painted & 6-Nos. 24"x84"x12' almirah inside the main box MS box sheet 16-SWG embeded in masonry including 3-Nos. out going circuit breaker 3 Phase 40-Amp Model TB to XS NB TB to 15 KA/8KA 12 Nos. i/c netural link copper 99% 500 Amp earth link 3-Nos Volt meter 500-Volt and 3-Nos amper meter 500-Colt and 3 Nos indication lights (Red,Yellow,Green) selector Switch 500 Volt 1-No citicoil 500 Amp thimbles i/c cost of all internal wiring MS cover and locking arrangement completes in all respect i/c carriage from lahore to site of work as approved by the engineer incahrge. HT Panels & other equipment	0	0	0	0	1	Each	4634276 ~~3933000~~ 4634276	4634276 ~~3933000~~	4634276 ~~3933000~~	

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Sr No.	Description	As per amended rough cost estimate (1st Bi Annual 2022)				As per revised Estimate (1st Bi Annual 2022)				Difference	
		Qty:	Unit	Rate	Amount	Qty:	Unit	Rate	Amount	Excess	Saving
26	Supply and installation of Clip-in tile of specified thickness non-porous Aluminium false ceiling of specified size fitted with clip in suspension system hanged on Concealed T/Shiplap edge/runners @600mm x 600mm grid Edge Trims fasten on wall with plug and screw @ 500mm c/c i/c cutting charges of tiles of required size suspension ends and joints sealed with silicon if required of DAMPA/Demark as provided and directed by the engineer incharge. bevelled edges & large 21.5mm 600mm x 600mm.	0	0	0	0	1000 8744	P.Sft	850	850,000 7432625	850,000 7432625	
27	Providing and fixing 2"x2" stainless steel 14 SWG corner guard angle iron with bevelled corner and 0.8mm bend at edges duly pasted with premimum grade self-adhesive glue strips with excellent /Double sided tape , complete in all respects as approved by engineer corners.	0	0	0	0	650	P.Rft	850	552500	552500	
28	Providing and fixing stainless steel columns cladding, complete in all respect as approved by the engineer incharge. Columns.	0	0	0	0	350	P.Rft	1596	558600	558600	
29	Proivision and installation of electric equipments detailed attached	0	0	0	0	1	P.Job	~~7637940~~ 8417078.4	~~7637940~~ 8417078.4	~~7637940~~ 8417078.41	
(30)	S/E of Main Distribution Board Consistly of 16 SWG M/S sheet box (4'x6'x1') duty powerd coated i/c cost of 3 Nos volt Meter,1 No Ampair Meter, selector switch, , L.E.D Neon lights, bus bars (2"x1/4") 14", Thimbling at conections having glass front with rubber gas kit aloing with locking arrangement complete in all respect. Upto 250 Amp. Incoming P/F 400 Amp TP 36KA (Legrand France, Terrasaki Japan) 1 No. Outgoing P/F 100 Amp TP 10 KA (Legrand France, Terrasaki Japan) 4 Nos.	3	Each	450000.00	1350000	0	Each	0.00	0	0	1350000

Sr No.	Description	As per amended rough cost estimate (1st Bi Annual 2022)				As per revised Estimate (1st Bi Annual 2022)				Difference	
		Qty:	Unit	Rate	Amount	Qty:	Unit	Rate	Amount	Excess	Saving
31	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. Tripple Pole With Adjustable Thermal-Magnetic Trip /Electronic (i) 125-160 Amp (36 KA)	4	Each	50000.00	200000	0	Each	0.00	0 78,458,084	0	200000
								Total:-	85040710	16401775	12270610
								Say:-	85040700		

78,458,000

EXECUTIVE ENGINEER
Buildings Division Pakpattan

SUB DIVISIONAL OFFICER
Buildings Sub Division Arifwala

Sub Engineer

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AMENDED ROUGH COST ESTIAMTE ON DETAIL BASED FOR THE REVAMPING OF TEHSIL HEAD QUARTER HOSPITAL ARIFWALA ADP NO. FOR THE YEAR 2021-22

1 Dismantling of cement concrete plain 1:2:4

Out Door Block First Floor

Emergency Block	1	x	14.000	x	13.625	x	0.125	=	24	Cft
Specialist	1	x	16.000	x	13.625	x	0.125	=	27	Cft
	1	x	12.000	x	13.625	x	0.125	=	20	Cft
Dential	1	x	17.750	x	13.625	x	0.125	=	30	Cft
	1	x	18.000	x	13.625	x	0.125	=	31	Cft
	2	x	11.000	x	13.625	x	0.125	=	37	Cft
	4	x	12.000	x	14.000	x	0.125	=	84	Cft
	1	x	13.750	x	14.000	x	0.125	=	24	Cft
	1	x	10.000	x	14.000	x	0.125	=	18	Cft
Women Medical	1	x	15.000	x	14.00	x	0.125	=	26	Cft
Toilet	4	x	5.375	x	4.00	x	0.125	=	11	Cft
	4	x	5.000	x	7.625	x	0.125	=	19	Cft
	1	x	5.000	x	6.00	x	0.125	=	4	Cft
	1	x	7.250	x	6.00	x	0.125	=	5	Cft
	1	x	7.250	x	7.625	x	0.125	=	7	Cft
	1	x	5.000	x	7.625	x	0.125	=	5	Cft
	2	x	17.625	x	8.00	x	0.125	=	35	Cft
	1	x	107.125	x	7.00	x	0.125	=	94	Cft
	1	x	15.500	x	47.00	x	0.125	=	91	Cft
	1	x	15.000	x	4.50	x	0.125	=	8	Cft
	15	x	4.500	x	1.125	x	0.125	=	9	Cft

Gyane Ward

	1	x	20.000	x	18.00	x	0.125	=	45	Cft
	1	x	8.000	x	12.625	x	0.125	=	13	Cft
	1	x	8.000	x	5.00	x	0.125	=	5	Cft
	1	x	12.000	x	9.625	x	0.125	=	14	Cft
	1	x	12.000	x	8.00	x	0.125	=	12	Cft
	1	x	13.625	x	18.000	x	0.125	=	31	Cft
	1	x	16.000	x	13.625	x	0.125	=	27	Cft
	2	x	8.000	x	13.625	x	0.125	=	27	Cft
	1	x	10.000	x	13.625	x	0.125	=	17	Cft
	1	x	7.625	x	13.625	x	0.125	=	13	Cft
Toilet	1	x	92.000	x	8.000	x	0.125	=	92	Cft
	1	x	82.000	x	7.000	x	0.125	=	72	Cft
Passage	1	x	200.000	x	9.000	x	0.125	=	225	Cft
	1	x	13.375	x	17.250	x	0.125	=	29	Cft
	2	x	8.000	x	9.000	x	0.125	=	18	Cft
	1	x	13.750	x	13.625	x	0.125	=	23	Cft
	1	x	8.000	x	13.625	x	0.125	=	14	Cft

In Door Block Ground Floor

	2	x	35.625	x	47.500	x	0.125	=	423	Cft
	2	x	12.000	x	19.000	x	0.125	=	57	Cft
	2	x	5.000	x	12.000	x	0.125	=	15	Cft
	2	x	9.000	x	19.000	x	0.125	=	43	Cft
	2	x	5.000	x	6.625	x	0.125	=	8	Cft
	1	x	11.000	x	12.000	x	0.125	=	17	Cft

14

	1	x	5.000	x	12.000	x	0.125	=	8	Cft
	1	x	10.000	x	15.125	x	0.125	=	19	Cft
	1	x	11.000	x	10.000	x	0.125	=	14	Cft
	1	x	10.000	x	15.625	x	0.125	=	20	Cft
	1	x	5.000	x	12.000	x	0.125	=	8	Cft
	1	x	11.000	x	12.000	x	0.125	=	17	Cft
	2	x	5.625	x	6.625	x	0.125	=	9	Cft
Toilet	2	x	5.000	x	6.625	x	0.125	=	8	Cft
	2	x	5.000	x	6.625	x	0.125	=	8	Cft
	2	x	5.000	x	6.625	x	0.125	=	8	Cft
Ver.	2	x	142.625	x	8.000	x	0.125	=	285	Cft
	1	x	47.500	x	11.000	x	0.125	=	65	Cft
Labortary	2	x	19.250	x	9.250	x	0.125	=	45	Cft
	2	x	6.000	x	4.000	x	0.125	=	6	Cft
DW2	1	x	9.000	x	1.125	x	0.125	=	1	Cft
D-4	5	x	3.000	x	1.125	x	0.125	=	2	Cft
	4	x	3.500	x	1.125	x	0.125	=	2	Cft
Operation Theater Ground Floor										
ICU	1	x	22.00	x	35.000	x	0.125	=	96	Cft
	1	x	14.75	x	10.000	x	0.125	=	18	Cft
	2	x	22.00	x	18.000	x	0.125	=	99	Cft
	1	x	22.00	x	29.375	x	0.125	=	81	Cft
	1	x	12.00	x	10.625	x	0.125	=	16	Cft
	1	x	12.00	x	13.500	x	0.125	=	20	Cft
	1	x	17.25	x	18.000	x	0.125	=	39	Cft
	1	x	22.00	x	18.000	x	0.125	=	50	Cft
	1	x	20.125	x	18.000	x	0.125	=	45	Cft
	1	x	22.00	x	26.250	x	0.125	=	72	Cft
	1	x	15.500	x	10.000	x	0.125	=	19	Cft
	1	x	42.875	x	27.500	x	0.125	=	147	Cft
	1	x	13.375	x	10.000	x	0.125	=	17	Cft
Passage	1	x	39.00	x	10.000	x	0.125	=	49	Cft
Toilet	3	x	6.000	x	9.250	x	0.125	=	21	Cft
Operation Theater First Floor										
O.T	2	x	22.00	x	27.000	x	0.125	=	149	Cft
	1	x	17.00	x	9.000	x	0.125	=	19	Cft
	1	x	14.00	x	10.000	x	0.125	=	18	Cft
	1	x	22.00	x	13.750	x	0.125	=	38	Cft
	1	x	22.00	x	6.000	x	0.125	=	17	Cft
	1	x	11.00	x	13.750	x	0.125	=	19	Cft
	1	x	10.625	x	13.750	x	0.125	=	18	Cft
	1	x	12.00	x	35.000	x	0.125	=	53	Cft
	1	x	22.00	x	29.375	x	0.125	=	81	Cft
	1	x	12.00	x	10.625	x	0.125	=	16	Cft
	1	x	12.00	x	10.500	x	0.125	=	16	Cft
	1	x	14.00	x	9.000	x	0.125	=	16	Cft
	1	x	12.375	x	10.000	x	0.125	=	15	Cft
	1	x	22.000	x	13.750	x	0.125	=	38	Cft
	1	x	11.000	x	20.750	x	0.125	=	29	Cft
	1	x	10.625	x	13.750	x	0.125	=	18	Cft
	2	x	20.000	x	14.000	x	0.125	=	70	Cft
	1	x	41.750	x	14.250	x	0.125	=	74	Cft

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	1	x	60.000	x	12.000	x	0.125	=	90 Cft
	1	x	30.000	x	9.500	x	0.125	=	36 Cft
Toilet	3	x	5.000	x	4.750	x	0.125	=	9 Cft
Ramp									
	2	x	41.750	x	10.000	x	0.125	=	104 Cft
Out door Block	2	x	15.840	x	15.625	x	0.125	=	62 Cft
	1	x	19.250	x	15.625	x	0.125	=	38 Cft
	2	x	9.250	x	15.625	x	0.125	=	36 Cft
	1	x	12.500	x	15.625	x	0.125	=	24 Cft
	1	x	5.830	x	9.250	x	0.125	=	7 Cft
	1	x	5.750	x	9.250	x	0.125	=	7 Cft
	1	x	5.750	x	5.830	x	0.125	=	4 Cft
	1	x	12.500	x	15.625	x	0.125	=	24 Cft
	1	x	5.750	x	9.250	x	0.125	=	7 Cft
	1	x	19.250	x	5.625	x	0.125	=	14 Cft
	2	x	9.250	x	7.500	x	0.125	=	17 Cft
	2	x	19.250	x	15.625	x	0.125	=	75 Cft
	2	x	12.500	x	15.625	x	0.125	=	49 Cft
	1	x	19.250	x	15.625	x	0.125	=	38 Cft
	1	x	15.750	x	15.625	x	0.125	=	31 Cft
	2	x	19.250	x	15.625	x	0.125	=	75 Cft
	1	x	6.000	x	9.250	x	0.125	=	7 Cft
	1	x	9.250	x	15.625	x	0.125	=	18 Cft
	1	x	40.500	x	30.000	x	0.125	=	152 Cft
	2	x	210.000	x	5.625	x	0.125	=	295 Cft
							Total:-	=	**5084 Cft**
								@	**9060.50 % Cft Rs. 460593**

2 Dismantling of 2nd Class Tile Roofing.

1	x	231.625	x	47.125				=	10915 Sft
2	x	92.000	x	51.125				=	9407 Sft
1	x	142.625	x	49.750				=	7096 Sft
1	x	21.500	x	19.000				=	409 Sft
2	x	150.000	x	10.250				=	3075 Sft
1	x	129.875	x	171.625				=	22290 Sft
1	x	66.250	x	29.000				=	1921 Sft
1	x	140.000	x	56.625				=	7928 Sft
1	x	210.000	x	40.500				=	8505 Sft
							Total:-	=	**71545 Sft**
								@	**1029.60 % Sft Rs. 736627**

3 P/L single layer of tiles 9"x4½" x ½" laid over 4" earth and 1" mud plaster without bhoosa over thermopore sheet over polythine sheet 500 guage grouted with cement sand 1:3 on top of RCC roof slab provided 34 lbs per % sft bitumen coating i/c polythene sheet 500-gauge.

1	x	231.625	x	47.125				=	10915 Sft
2	x	92.000	x	51.125				=	9407 Sft
1	x	142.625	x	49.750				=	7096 Sft
1	x	21.500	x	19.000				=	409 Sft
2	x	150.000	x	10.250				=	3075 Sft
1	x	129.875	x	171.625				=	22290 Sft
1	x	66.250	x	29.000				=	1921 Sft

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1	x	140.000	x	56.625	=	7928	Sft
1	x	210.000	x	40.500	=	8505	Sft
				Total:-	=	**71545**	**Sft**
					@	**9791.40**	**% Sft Rs. 7005254**

4 Dismantling glazed or encaustic tiles etc. .

Out Door Block First Floor

Emergency Block	1	x	14.000	x	13.625	=	191	Sft
Specialist	1	x	16.000	x	13.625	=	218	Sft
	1	x	12.000	x	13.625	=	164	Sft
Dential	1	x	17.750	x	13.625	=	242	Sft
	1	x	18.000	x	13.625	=	245	Sft
	2	x	11.000	x	13.625	=	300	Sft
	4	x	12.000	x	14.000	=	672	Sft
	1	x	13.750	x	14.000	=	193	Sft
	1	x	10.000	x	14.000	=	140	Sft
Women Medical	1	x	15.000	x	14.00	=	210	Sft
Toilet	4	x	5.375	x	4.00	=	86	Sft
	4	x	5.000	x	7.625	=	153	Sft
	1	x	5.000	x	6.00	=	30	Sft
	1	x	7.250	x	6.00	=	44	Sft
	1	x	7.250	x	7.625	=	55	Sft
	1	x	5.000	x	7.625	=	38	Sft
	2	x	17.625	x	8.00	=	282	Sft
	1	x	107.125	x	7.00	=	750	Sft
	1	x	15.500	x	47.00	=	729	Sft
	1	x	15.000	x	4.50	=	68	Sft
	15	x	4.500	x	1.125	=	76	Sft

Gyane Ward

	1	x	20.000	x	18.00	=	360	Sft
	1	x	8.000	x	12.625	=	101	Sft
	1	x	8.000	x	5.00	=	40	Sft
	1	x	12.000	x	9.625	=	116	Sft
	1	x	12.000	x	8.00	=	96	Sft
	1	x	13.625	x	18.000	=	245	Sft
	1	x	16.000	x	13.625	=	218	Sft
	2	x	8.000	x	13.625	=	218	Sft
	1	x	10.000	x	13.625	=	136	Sft
	1	x	7.625	x	13.625	=	104	Sft
Toilet	1	x	92.000	x	8.000	=	736	Sft
	1	x	82.000	x	7.000	=	574	Sft
Passage	1	x	200.000	x	9.000	=	1800	Sft
	1	x	13.375	x	17.250	=	231	Sft
	2	x	8.000	x	9.000	=	144	Sft
	1	x	13.750	x	13.625	=	187	Sft
	1	x	8.000	x	13.625	=	109	Sft

In Door Block Ground Floor

2	x	35.625	x	47.500	=	3384	Sft
2	x	12.000	x	19.000	=	456	Sft
2	x	5.000	x	12.000	=	120	Sft
2	x	9.000	x	19.000	=	342	Sft

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	2	x	5.000	x	6.625	=	66	Sft
	1	x	11.000	x	12.000	=	132	Sft
	1	x	5.000	x	12.000	=	60	Sft
	1	x	10.000	x	15.125	=	151	Sft
	1	x	11.000	x	10.000	=	110	Sft
	1	x	10.000	x	15.625	=	156	Sft
	1	x	5.000	x	12.000	=	60	Sft
	1	x	11.000	x	12.000	=	132	Sft
	2	x	5.625	x	6.625	=	75	Sft
Toilet	2	x	5.000	x	6.625	=	66	Sft
	2	x	5.000	x	6.625	=	66	Sft
	2	x	5.000	x	6.625	=	66	Sft
Ver.	2	x	142.625	x	8.000	=	2282	Sft
	1	x	47.500	x	11.000	=	523	Sft
Labortary	2	x	19.250	x	9.250	=	356	Sft
	2	x	6.000	x	4.000	=	48	Sft
DW2	1	x	9.000	x	1.125	=	10	Sft
D-4	5	x	3.000	x	1.125	=	17	Sft
	4	x	3.500	x	1.125	=	16	Sft
Operation Theater Ground Floor								
ICU	1	x	22.00	x	35.000	=	770	Sft
	1	x	14.75	x	10.000	=	148	Sft
	2	x	22.00	x	18.000	=	792	Sft
	1	x	22.00	x	29.375	=	646	Sft
	1	x	12.00	x	10.625	=	128	Sft
	1	x	12.00	x	13.500	=	162	Sft
	1	x	17.25	x	18.000	=	311	Sft
	1	x	22.00	x	18.000	=	396	Sft
	1	x	20.125	x	18.000	=	362	Sft
	1	x	22.00	x	26.250	=	578	Sft
	1	x	15.500	x	10.000	=	155	Sft
	1	x	42.875	x	27.500	=	1179	Sft
	1	x	13.375	x	10.000	=	134	Sft
Passage	1	x	39.00	x	10.000	=	390	Sft
Toilet	3	x	6.000	x	9.250	=	167	Sft
Operation Theater First Floor								
O.T	2	x	22.00	x	27.000	=	1188	Sft
	1	x	17.00	x	9.000	=	153	Sft
	1	x	14.00	x	10.000	=	140	Sft
	1	x	22.00	x	13.750	=	303	Sft
	1	x	22.00	x	6.000	=	132	Sft
	1	x	11.00	x	13.750	=	151	Sft
	1	x	10.625	x	13.750	=	146	Sft
	1	x	12.00	x	35.000	=	420	Sft
	1	x	22.00	x	29.375	=	646	Sft
	1	x	12.00	x	10.625	=	128	Sft
	1	x	12.00	x	10.500	=	126	Sft
	1	x	14.00	x	9.000	=	126	Sft
	1	x	12.375	x	10.000	=	124	Sft
	1	x	22.000	x	13.750	=	303	Sft
	1	x	11.000	x	20.750	=	228	Sft
	1	x	10.625	x	13.750	=	146	Sft

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	2	x	20.000	x	14.000		=	560	Sft	
	1	x	41.750	x	14.250		=	595	Sft	
	1	x	60.000	x	12.000		=	720	Sft	
	1	x	30.000	x	9.500		=	285	Sft	
Toilet	3	x	5.000	x	4.750		=	71	Sft	
Ramp										
	2	x	41.750	x	10.000		=	835	Sft	
Out door Block	2	x	15.840	x	15.625		=	495	Sft	
	1	x	19.250	x	15.625		=	301	Sft	
	2	x	9.250	x	15.625		=	289	Sft	
	1	x	12.500	x	15.625		=	195	Sft	
	1	x	5.830	x	9.250		=	54	Sft	
	1	x	5.750	x	9.250		=	53	Sft	
	1	x	5.750	x	5.830		=	34	Sft	
	1	x	12.500	x	15.625		=	195	Sft	
	1	x	5.750	x	9.250		=	53	Sft	
	1	x	19.250	x	5.625		=	108	Sft	
	2	x	9.250	x	7.500		=	139	Sft	
	2	x	19.250	x	15.625		=	602	Sft	
	2	x	12.500	x	15.625		=	391	Sft	
	1	x	19.250	x	15.625		=	301	Sft	
	1	x	15.750	x	15.625		=	246	Sft	
	2	x	19.250	x	15.625		=	602	Sft	
	1	x	6.000	x	9.250		=	56	Sft	
	1	x	9.250	x	15.625		=	145	Sft	
	1	x	40.500	x	30.000		=	1215	Sft	
	2	x	210.000	x	5.625		=	2363	Sft	
						Total:-	=	**40668**	**Sft**	
							@	**1932.50**	**% Sft**	**Rs. 785913**

5 P/L plain cement concrete 1:2:4

Out Door Block First Floor

Emergency Block	1	x	14.000	x	13.625	x	0.125	=	24	Cft		
Specialist	1	x	16.000	x	13.625	x	0.125	=	27	Cft		
	1	x	12.000	x	13.625	x	0.125	=	20	Cft		
Dential	1	x	17.750	x	13.625	x	0.125	=	30	Cft		
	1	x	18.000	x	13.625	x	0.125	=	31	Cft		
	2	x	11.000	x	13.625	x	0.125	=	37	Cft		
	4	x	12.000	x	14.000	x	0.125	=	84	Cft		
	1	x	13.750	x	14.000	x	0.125	=	24	Cft		
	1	x	10.000	x	14.000	x	0.125	=	18	Cft		
Women Medical	1	x	15.000	x	14.00	x	0.125	=	26	Cft		
Toilet	4	x	5.375	x	4.00	x	0.125	=	11	Cft		
	4	x	5.000	x	7.625	x	0.125	=	19	Cft		
	1	x	5.000	x	6.00	x	0.125	=	4	Cft		
	1	x	7.250	x	6.00	x	0.125	=	5	Cft		
	1	x	7.250	x	7.625	x	0.125	=	7	Cft		
	1	x	5.000	x	7.625	x	0.125	=	5	Cft		
	2	x	17.625	x	8.00	x	0.125	=	35	Cft		
	1	x	107.125	x	7.00	x	0.125	=	94	Cft		
	1	x	15.500	x	47.00	x	0.125	=	91	Cft		

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	1	x	15.000	x	4.50	x	0.125	=	8	Cft
	15	x	4.500	x	1.125	x	0.125	=	9	Cft
Gyane Ward										
	1	x	20.000	x	18.00	x	0.125	=	45	Cft
	1	x	8.000	x	12.625	x	0.125	=	13	Cft
	1	x	8.000	x	5.00	x	0.125	=	5	Cft
	1	x	12.000	x	9.625	x	0.125	=	14	Cft
	1	x	12.000	x	8.00	x	0.125	=	12	Cft
	1	x	13.625	x	18.000	x	0.125	=	31	Cft
	1	x	16.000	x	13.625	x	0.125	=	27	Cft
	2	x	8.000	x	13.625	x	0.125	=	27	Cft
	1	x	10.000	x	13.625	x	0.125	=	17	Cft
	1	x	7.625	x	13.625	x	0.125	=	13	Cft
Toilet	1	x	92.000	x	8.000	x	0.125	=	92	Cft
	1	x	82.000	x	7.000	x	0.125	=	72	Cft
Passage	1	x	200.000	x	9.000	x	0.125	=	225	Cft
	1	x	13.375	x	17.250	x	0.125	=	29	Cft
	2	x	8.000	x	9.000	x	0.125	=	18	Cft
	1	x	13.750	x	13.625	x	0.125	=	23	Cft
	1	x	8.000	x	13.625	x	0.125	=	14	Cft
In Door Block Ground Floor										
	2	x	35.625	x	47.500	x	0.125	=	423	Cft
	2	x	12.000	x	19.000	x	0.125	=	57	Cft
	2	x	5.000	x	12.000	x	0.125	=	15	Cft
	2	x	9.000	x	19.000	x	0.125	=	43	Cft
	2	x	5.000	x	6.625	x	0.125	=	8	Cft
	1	x	11.000	x	12.000	x	0.125	=	17	Cft
	1	x	5.000	x	12.000	x	0.125	=	8	Cft
	1	x	10.000	x	15.125	x	0.125	=	19	Cft
	1	x	11.000	x	10.000	x	0.125	=	14	Cft
	1	x	10.000	x	15.625	x	0.125	=	20	Cft
	1	x	5.000	x	12.000	x	0.125	=	8	Cft
	1	x	11.000	x	12.000	x	0.125	=	17	Cft
	2	x	5.625	x	6.625	x	0.125	=	9	Cft
Toilet	2	x	5.000	x	6.625	x	0.125	=	8	Cft
	2	x	5.000	x	6.625	x	0.125	=	8	Cft
	2	x	5.000	x	6.625	x	0.125	=	8	Cft
Ver.	2	x	142.625	x	8.000	x	0.125	=	285	Cft
	1	x	47.500	x	11.000	x	0.125	=	65	Cft
Labortary	2	x	19.250	x	9.250	x	0.125	=	45	Cft
	2	x	6.000	x	4.000	x	0.125	=	6	Cft
DW2	1	x	9.000	x	1.125	x	0.125	=	1	Cft
D-4	5	x	3.000	x	1.125	x	0.125	=	2	Cft
	4	x	3.500	x	1.125	x	0.125	=	2	Cft
Operation Theater Ground Floor										
ICU	1	x	22.00	x	35.000	x	0.125	=	96	Cft
	1	x	14.75	x	10.000	x	0.125	=	18	Cft
	2	x	22.00	x	18.000	x	0.125	=	99	Cft
	1	x	22.00	x	29.375	x	0.125	=	81	Cft
	1	x	12.00	x	10.625	x	0.125	=	16	Cft
	1	x	12.00	x	13.500	x	0.125	=	20	Cft
	1	x	17.25	x	18.000	x	0.125	=	39	Cft

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	1	x	22.00	x	18.000	x	0.125	=	50	Cft
	1	x	20.125	x	18.000	x	0.125	=	45	Cft
	1	x	22.00	x	26.250	x	0.125	=	72	Cft
	1	x	15.500	x	10.000	x	0.125	=	19	Cft
	1	x	42.875	x	27.500	x	0.125	=	147	Cft
	1	x	13.375	x	10.000	x	0.125	=	17	Cft
Passage	1	x	39.00	x	10.000	x	0.125	=	49	Cft
Toilet	3	x	6.000	x	9.250	x	0.125	=	21	Cft
Operation Theater First Floor										
O.T	2	x	22.00	x	27.000	x	0.125	=	149	Cft
	1	x	17.00	x	9.000	x	0.125	=	19	Cft
	1	x	14.00	x	10.000	x	0.125	=	18	Cft
	1	x	22.00	x	13.750	x	0.125	=	38	Cft
	1	x	22.00	x	6.000	x	0.125	=	17	Cft
	1	x	11.00	x	13.750	x	0.125	=	19	Cft
	1	x	10.625	x	13.750	x	0.125	=	18	Cft
	1	x	12.00	x	35.000	x	0.125	=	53	Cft
	1	x	22.00	x	29.375	x	0.125	=	81	Cft
	1	x	12.00	x	10.625	x	0.125	=	16	Cft
	1	x	12.00	x	10.500	x	0.125	=	16	Cft
	1	x	14.00	x	9.000	x	0.125	=	16	Cft
	1	x	12.375	x	10.000	x	0.125	=	15	Cft
	1	x	22.000	x	13.750	x	0.125	=	38	Cft
	1	x	11.000	x	20.750	x	0.125	=	29	Cft
	1	x	10.625	x	13.750	x	0.125	=	18	Cft
	2	x	20.000	x	14.000	x	0.125	=	70	Cft
	1	x	41.750	x	14.250	x	0.125	=	74	Cft
	1	x	60.000	x	12.000	x	0.125	=	90	Cft
	1	x	30.000	x	9.500	x	0.125	=	36	Cft
Toilet	3	x	5.000	x	4.750	x	0.125	=	9	Cft
Ramp										
	2	x	41.750	x	10.000	x	0.125	=	104	Cft
Out door Block	2	x	15.840	x	15.625	x	0.125	=	62	Cft
	1	x	19.250	x	15.625	x	0.125	=	38	Cft
	2	x	9.250	x	15.625	x	0.125	=	36	Cft
	1	x	12.500	x	15.625	x	0.125	=	24	Cft
	1	x	5.830	x	9.250	x	0.125	=	7	Cft
	1	x	5.750	x	9.250	x	0.125	=	7	Cft
	1	x	5.750	x	5.830	x	0.125	=	4	Cft
	1	x	12.500	x	15.625	x	0.125	=	24	Cft
	1	x	5.750	x	9.250	x	0.125	=	7	Cft
	1	x	19.250	x	5.625	x	0.125	=	14	Cft
	2	x	9.250	x	7.500	x	0.125	=	17	Cft
	2	x	19.250	x	15.625	x	0.125	=	75	Cft
	2	x	12.500	x	15.625	x	0.125	=	49	Cft
	1	x	19.250	x	15.625	x	0.125	=	38	Cft
	1	x	15.750	x	15.625	x	0.125	=	31	Cft
	2	x	19.250	x	15.625	x	0.125	=	75	Cft
	1	x	6.000	x	9.250	x	0.125	=	7	Cft
	1	x	9.250	x	15.625	x	0.125	=	18	Cft
	1	x	40.500	x	30.000	x	0.125	=	152	Cft
	2	x	210.000	x	5.625	x	0.125	=	295	Cft

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Total:- = 5084 Cft

@ 28918.55 % Cft Rs. 1470082.3

6 Providing and laying super 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 / cutting grinding complete in all respect as approved and directed by the Engineer Incharge. (Full body glazed tile 600mmx600mm).

Out Door Block First Floor

Emergency Block	1	x	14.000	x	13.625	=	191	Sft
Specialist	1	x	16.000	x	13.625	=	218	Sft
	1	x	12.000	x	13.625	=	164	Sft
Dential	1	x	17.750	x	13.625	=	242	Sft
	1	x	18.000	x	13.625	=	245	Sft
	2	x	11.000	x	13.625	=	300	Sft
	4	x	12.000	x	14.000	=	672	Sft
	1	x	13.750	x	14.000	=	193	Sft
	1	x	10.000	x	14.000	=	140	Sft
Women Medical	1	x	15.000	x	14.00	=	210	Sft
	4	x	5.000	x	7.625	=	153	Sft
	1	x	5.000	x	6.00	=	30	Sft
	1	x	7.250	x	6.00	=	44	Sft
	1	x	7.250	x	7.625	=	55	Sft
	1	x	5.000	x	7.625	=	38	Sft
	2	x	17.625	x	8.00	=	282	Sft
	1	x	107.125	x	7.00	=	750	Sft
	1	x	15.500	x	47.00	=	729	Sft
	1	x	15.000	x	4.50	=	68	Sft
	15	x	4.500	x	1.125	=	76	Sft

Gyane Ward

	1	x	20.000	x	18.00	=	360	Sft
	1	x	8.000	x	12.625	=	101	Sft
	1	x	8.000	x	5.00	=	40	Sft
	1	x	12.000	x	9.625	=	116	Sft
	1	x	12.000	x	8.00	=	96	Sft
	1	x	13.625	x	18.000	=	245	Sft
	1	x	16.000	x	13.625	=	218	Sft
	2	x	8.000	x	13.625	=	218	Sft
	1	x	10.000	x	13.625	=	136	Sft
	1	x	92.000	x	8.000	=	736	Sft
	1	x	82.000	x	7.000	=	574	Sft
Passage	1	x	200.000	x	9.000	=	1800	Sft
	1	x	13.375	x	17.250	=	231	Sft
	2	x	8.000	x	9.000	=	144	Sft
	1	x	13.750	x	13.625	=	187	Sft
	1	x	8.000	x	13.625	=	109	Sft

In Door Block Ground Floor

	2	x	35.625	x	47.500	=	3384	Sft
	2	x	12.000	x	19.000	=	456	Sft
	2	x	5.000	x	12.000	=	120	Sft
	2	x	9.000	x	19.000	=	342	Sft
	2	x	5.000	x	6.625	=	66	Sft

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	1	x	11.000	x	12.000	=	132	Sft
	1	x	5.000	x	12.000	=	60	Sft
	1	x	10.000	x	15.125	=	151	Sft
	1	x	11.000	x	10.000	=	110	Sft
	1	x	10.000	x	15.625	=	156	Sft
	1	x	5.000	x	12.000	=	60	Sft
	1	x	11.000	x	12.000	=	132	Sft
Ver.	2	x	142.625	x	8.000	=	2282	Sft
	1	x	47.500	x	11.000	=	523	Sft
DW2	1	x	9.000	x	1.125	=	10	Sft
D-4	5	x	3.000	x	1.125	=	17	Sft
	4	x	3.500	x	1.125	=	16	Sft
Operation Theater Ground Floor								
ICU	1	x	22.00	x	35.000	=	770	Sft
	1	x	14.75	x	10.000	=	148	Sft
	2	x	22.00	x	18.000	=	792	Sft
	1	x	22.00	x	29.375	=	646	Sft
	1	x	12.00	x	10.625	=	128	Sft
	1	x	12.00	x	13.500	=	162	Sft
	1	x	17.25	x	18.000	=	311	Sft
	1	x	22.00	x	18.000	=	396	Sft
	1	x	20.125	x	18.000	=	362	Sft
	1	x	22.00	x	26.250	=	578	Sft
	1	x	15.500	x	10.000	=	155	Sft
	1	x	42.875	x	27.500	=	1179	Sft
	1	x	13.375	x	10.000	=	134	Sft
Passage	1	x	39.00	x	10.000	=	390	Sft
Operation Theater First Floor								
O.T	2	x	22.00	x	27.000	=	1188	Sft
	1	x	17.00	x	9.000	=	153	Sft
	1	x	14.00	x	10.000	=	140	Sft
	1	x	22.00	x	13.750	=	303	Sft
	1	x	22.00	x	6.000	=	132	Sft
	1	x	11.00	x	13.750	=	151	Sft
	1	x	10.625	x	13.750	=	146	Sft
	1	x	12.00	x	35.000	=	420	Sft
	1	x	22.00	x	29.375	=	646	Sft
	1	x	12.00	x	10.625	=	128	Sft
	1	x	12.00	x	10.500	=	126	Sft
	1	x	14.00	x	9.000	=	126	Sft
	1	x	12.375	x	10.000	=	124	Sft
	1	x	22.000	x	13.750	=	303	Sft
	1	x	11.000	x	20.750	=	228	Sft
	1	x	10.625	x	13.750	=	146	Sft
	2	x	20.000	x	14.000	=	560	Sft
	1	x	41.750	x	14.250	=	595	Sft
	1	x	60.000	x	12.000	=	720	Sft
	1	x	30.000	x	9.500	=	285	Sft
Out door Block	2	x	15.840	x	15.625	=	495	Sft
	1	x	19.250	x	15.625	=	301	Sft
	2	x	9.250	x	15.625	=	289	Sft
	1	x	12.500	x	15.625	=	195	Sft

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1	x	5.830	x	9.250	=	54	Sft	
1	x	5.750	x	9.250	=	53	Sft	
1	x	5.750	x	5.830	=	34	Sft	
1	x	12.500	x	15.625	=	195	Sft	
1	x	5.750	x	9.250	=	53	Sft	
1	x	19.250	x	5.625	=	108	Sft	
2	x	9.250	x	7.500	=	139	Sft	
2	x	19.250	x	15.625	=	602	Sft	
2	x	12.500	x	15.625	=	391	Sft	
1	x	19.250	x	15.625	=	301	Sft	
1	x	15.750	x	15.625	=	246	Sft	
2	x	19.250	x	15.625	=	602	Sft	
1	x	6.000	x	9.250	=	56	Sft	
1	x	9.250	x	15.625	=	145	Sft	
1	x	40.500	x	30.000	=	1215	Sft	
2	x	210.000	x	5.625	=	2363	Sft	
				Total:-	**=**	**38728**	**Sft**	
					@	**302.25**	**P.Sft**	**Rs. 11705589**

7 Providing and laying super best 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 / 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 600mmx600mm).

Out Door Block First Floor

Emergency Block	2	x	14.000	+	13.625	x	5.000	=	276	Sft		
Specialist	2	x	16.000	+	13.625	x	5.000	=	296	Sft		
	2	x	12.000	+	13.625	x	5.000	=	256	Sft		
Dential	2	x	17.750	+	13.625	x	5.000	=	314	Sft		
	2	x	18.000	+	13.625	x	5.000	=	316	Sft		
	4	x	11.000	+	13.625	x	5.000	=	493	Sft		
	8	x	12.000	+	14.000	x	5.000	=	1040	Sft		
	2	x	13.750	+	14.000	x	5.000	=	278	Sft		
	2	x	10.000	+	14.000	x	5.000	=	240	Sft		
Women Medical	2	x	15.000	+	14.00	x	5.000	=	290	Sft		
Toilet	8	x	5.375	+	4.00	x	5.000	=	375	Sft		
	8	x	5.000	+	7.625	x	5.000	=	505	Sft		
	2	x	5.000	+	6.00	x	5.000	=	110	Sft		
	2	x	7.250	+	6.00	x	5.000	=	133	Sft		
	2	x	7.250	+	7.625	x	5.000	=	149	Sft		
	2	x	5.000	+	7.625	x	5.000	=	126	Sft		
	4	x	17.625	+	8.00	x	5.000	=	513	Sft		
	2	x	107.125	+	7.00	x	5.000	=	1141	Sft		
	2	x	15.500	+	47.00	x	5.000	=	625	Sft		
	2	x	15.000	+	4.50	x	5.000	=	195	Sft		

Gyane Ward

	2	x	20.000	+	18.00	x	5.000	=	380	Sft		
	2	x	8.000	+	12.625	x	5.000	=	206	Sft		
	2	x	8.000	+	5.00	x	5.000	=	130	Sft		
	2	x	12.000	+	9.625	x	5.000	=	216	Sft		
	2	x	12.000	+	8.00	x	5.000	=	200	Sft		
	2	x	13.625	+	18.000	x	5.000	=	316	Sft		

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	2	x	16.000	+	13.625	x	5.000	=	296	Sft
	4	x	8.000	+	13.625	x	5.000	=	433	Sft
	2	x	10.000	+	13.625	x	5.000	=	236	Sft
	2	x	7.625	+	13.625	x	5.000	=	213	Sft
Toilet	2	x	92.000	+	8.000	x	5.000	=	1000	Sft
	2	x	82.000	+	7.000	x	5.000	=	890	Sft
Passage	2	x	200.000	+	9.000	x	5.000	=	2090	Sft
	2	x	13.375	+	17.250	x	5.000	=	306	Sft
	4	x	8.000	+	9.000	x	5.000	=	340	Sft
	2	x	13.750	+	13.625	x	5.000	=	274	Sft
	2	x	8.000	+	13.625	x	5.000	=	216	Sft

In Door Block Ground Floor

	4	x	35.625	+	47.500	x	5.000	=	1663	Sft
	4	x	12.000	+	19.000	x	5.000	=	620	Sft
	4	x	5.000	+	12.000	x	5.000	=	340	Sft
	4	x	9.000	+	19.000	x	5.000	=	560	Sft
	4	x	5.000	+	6.625	x	5.000	=	233	Sft
	2	x	11.000	+	12.000	x	5.000	=	230	Sft
	2	x	5.000	+	12.000	x	5.000	=	170	Sft
	2	x	10.000	+	15.125	x	5.000	=	251	Sft
	2	x	11.000	+	10.000	x	5.000	=	210	Sft
	2	x	10.000	+	15.625	x	5.000	=	256	Sft
	2	x	5.000	+	12.000	x	5.000	=	170	Sft
	2	x	11.000	+	12.000	x	5.000	=	230	Sft
	4	x	5.625	+	6.625	x	5.000	=	245	Sft
Toilet	4	x	5.000	+	6.625	x	5.000	=	233	Sft
	4	x	5.000	+	6.625	x	5.000	=	233	Sft
	4	x	5.000	+	6.625	x	5.000	=	233	Sft
Ver.	4	x	142.625	+	8.000	x	5.000	=	3013	Sft
	2	x	47.500	+	11.000	x	5.000	=	585	Sft
Labortary	4	x	19.250	+	9.250	x	5.000	=	570	Sft
	4	x	6.000	+	4.000	x	5.000	=	200	Sft

Operation Theater Ground Floor

ICU	2	x	22.00	+	35.000	x	5.000	=	570	Sft
	2	x	14.75	+	10.000	x	5.000	=	248	Sft
	4	x	22.00	+	18.000	x	5.000	=	800	Sft
	2	x	22.00	+	29.375	x	5.000	=	514	Sft
	2	x	12.00	+	10.625	x	5.000	=	226	Sft
	2	x	12.00	+	13.500	x	5.000	=	255	Sft
	2	x	17.25	+	18.000	x	5.000	=	353	Sft
	2	x	22.00	+	18.000	x	5.000	=	400	Sft
	2	x	20.125	+	18.000	x	5.000	=	381	Sft
	2	x	22.00	+	26.250	x	5.000	=	483	Sft
	2	x	15.500	+	10.000	x	5.000	=	255	Sft
	2	x	42.875	+	27.500	x	5.000	=	704	Sft
	2	x	13.375	+	10.000	x	5.000	=	234	Sft
Passage	2	x	39.00	+	10.000	x	5.000	=	490	Sft
Toilet	6	x	6.000	+	9.250	x	5.000	=	458	Sft

Operation Theater First Floor

O.T	2	x	22.00	+	27.000	x	5.000	=	490	Sft
	1	x	17.00	+	9.000	x	5.000	=	130	Sft
	1	x	14.00	+	10.000	x	5.000	=	120	Sft

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	1	x	22.00	+	13.750	x	5.000	=	179	Sft
	1	x	22.00	+	6.000	x	5.000	=	140	Sft
	1	x	11.00	+	13.750	x	5.000	=	124	Sft
	1	x	10.625	+	13.750	x	5.000	=	122	Sft
	1	x	12.00	+	35.000	x	5.000	=	235	Sft
	1	x	22.00	+	29.375	x	5.000	=	257	Sft
	1	x	12.00	+	10.625	x	5.000	=	113	Sft
	1	x	12.00	+	10.500	x	5.000	=	113	Sft
	1	x	14.00	+	9.000	x	5.000	=	115	Sft
	1	x	12.375	+	10.000	x	5.000	=	112	Sft
	1	x	22.000	+	13.750	x	5.000	=	179	Sft
	1	x	11.000	+	20.750	x	5.000	=	159	Sft
	1	x	10.625	+	13.750	x	5.000	=	122	Sft
	2	x	20.000	+	14.000	x	5.000	=	340	Sft
	1	x	41.750	+	14.250	x	5.000	=	280	Sft
	1	x	60.000	+	12.000	x	5.000	=	360	Sft
	1	x	30.000	+	9.500	x	5.000	=	198	Sft
Ramp										
	2	x	41.750	+	10.000	x	5.000	=	518	Sft
Out door Block	2	x	15.840	+	15.625	x	5.000	=	315	Sft
	1	x	19.250	+	15.625	x	5.000	=	174	Sft
	2	x	9.250	+	15.625	x	5.000	=	249	Sft
	1	x	12.500	+	15.625	x	5.000	=	141	Sft
	1	x	5.830	+	9.250	x	5.000	=	75	Sft
	1	x	5.750	+	9.250	x	5.000	=	75	Sft
	1	x	5.750	+	5.830	x	5.000	=	58	Sft
	1	x	12.500	+	15.625	x	5.000	=	141	Sft
	1	x	5.750	+	9.250	x	5.000	=	75	Sft
	1	x	19.250	+	5.625	x	5.000	=	124	Sft
	2	x	9.250	+	7.500	x	5.000	=	168	Sft
	2	x	19.250	+	15.625	x	5.000	=	349	Sft
	2	x	12.500	+	15.625	x	5.000	=	281	Sft
	1	x	19.250	+	15.625	x	5.000	=	174	Sft
	1	x	15.750	+	15.625	x	5.000	=	157	Sft
	2	x	19.250	+	15.625	x	5.000	=	349	Sft
	1	x	6.000	+	9.250	x	5.000	=	76	Sft
	1	x	9.250	+	15.625	x	5.000	=	124	Sft
	1	x	40.500	+	30.000	x	5.000	=	353	Sft
	2	x	210.000	+	5.625	x	5.000	=	2156	Sft
							Total:-	=	**42040**	**Sft**
								@	**302.25**	**P.Sft** **Rs.** **12706726**

8 Providing and laying super best 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 / 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 (12"x18" / 12"x24" / 10"x24"/ 8"x24" / 12"x36")

Toilet	3	x	5.000	x	4.750	=	71	Sft
Toilet	3	x	6.000	x	9.250	=	167	Sft
Toilet	2	x	5.625	x	6.625	=	75	Sft
	2	x	5.000	x	6.625	=	66	Sft
	2	x	5.000	x	6.625	=	66	Sft

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	2	x	5.000	x	6.625	=	66	Sft	
Toilet	1	x	7.625	x	13.625	=	104	Sft	
Toilet	4	x	5.375	x	4.00	=	86	Sft	
Labortary	4	x	19.250	x	9.250	=	712	Sft	
	2	x	6.000	x	4.000	=	48	Sft	
Toilet	3	x	5.000	x	4.750	=	71	Sft	
	2	x	9.750	x	15.625	=	305	Sft	
	3	x	6.000	x	6.000	=	108	Sft	
					Total:-	=	**1945**	**Sft**	
						@	**202.70**	**P.Sft**	**Rs. 394274**

9 Providing and laying super best 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 / the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer In-charge. (12"x18" / 12"x24" / 10"x24"/ 8"x24" / 12"x36")

Toilet	6	x	5.000	+	4.750	x	7.000	=	410	Sft	
Toilet	6	x	6.000	+	9.250	x	7.000	=	333	Sft	
Toilet	4	x	5.625	+	6.625	x	7.000	=	149	Sft	
	4	x	5.000	+	6.625	x	7.000	=	133	Sft	
	4	x	5.000	+	6.625	x	7.000	=	133	Sft	
	4	x	5.000	+	6.625	x	7.000	=	133	Sft	
Toilet	2	x	7.625	+	13.625	x	7.000	=	208	Sft	
Toilet	16	x	5.375	+	4.00	x	7.000	=	344	Sft	
Lavatory	16	x	19.250	+	9.250	x	7.000	=	2849	Sft	
	4	x	6.000	+	4.000	x	7.000	=	96	Sft	
Toilet	4	x	6.250	+	5.16	x	7.000	=	319	Sft	
Toilet	3	x	5.000	+	4.750	x	7.000	=	205	Sft	
	4	x	9.750	+	15.625	x	7.000	=	711	Sft	
	6	x	6.000	+	6.000	x	7.000	=	504	Sft	
	2	x	9.750	+	15.625	x	7.000	=	355	Sft	
	3	x	6.000	+	6.000	x	7.000	=	252	Sft	
						Total:-	=	**7132**	**Sft**		
							@	**209.65**	**P.Sft**	**Rs.**	**1495187**

10 Providing and laying non slipary tile on ramp or stair steps full width laid in white cement and matching pigment over 3/4" thick cement sand mortar (1:2) i/c filling joints in white cement and matching pigment complete in all respect (master dwv series class sb or equivalent).

Ramp

2	x	41.750	x	10.000	=	835	Sft	
6	x	15.000	x	20.000	=	1800	Sft	
				Total:-	=	**2635**	**Sft**	
					@	**175.00**	**P.Sft**	**Rs. 461125**

11 P/F PVC wall peneling 3/16"thick fixed with nail and gutti 5" C/C etc. complete in all respect and as approved by the Engineer Incharge.

Out Door Block First Floor

Emergency Block	2	x	14.000	+	13.625	x	7.000	=	387	Sft
Specialist	2	x	16.000	+	13.625	x	7.000	=	415	Sft
	2	x	12.000	+	13.625	x	7.000	=	359	Sft

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Dential	2	x	17.750	+	13.625	x	7.000	=	439	Sft
	2	x	18.000	+	13.625	x	7.000	=	443	Sft
	4	x	11.000	+	13.625	x	7.000	=	690	Sft
	8	x	12.000	+	14.000	x	7.000	=	1456	Sft
	2	x	13.750	+	14.000	x	7.000	=	389	Sft
	2	x	10.000	+	14.000	x	7.000	=	336	Sft
Women Medical	2	x	15.000	+	14.00	x	7.000	=	406	Sft
Gyane Ward										
	2	x	20.000	+	18.00	x	7.000	=	532	Sft
	2	x	8.000	+	12.625	x	7.000	=	289	Sft
	2	x	8.000	+	5.00	x	7.000	=	182	Sft
	2	x	12.000	+	9.625	x	7.000	=	303	Sft
	2	x	12.000	+	8.00	x	7.000	=	280	Sft
	2	x	13.625	+	18.000	x	7.000	=	443	Sft
	2	x	16.000	+	13.625	x	7.000	=	415	Sft
	4	x	8.000	+	13.625	x	7.000	=	606	Sft
	2	x	10.000	+	13.625	x	7.000	=	331	Sft
	2	x	7.625	+	13.625	x	7.000	=	298	Sft
Passage	2	x	200.000	+	9.000	x	7.000	=	2926	Sft
	2	x	13.375	+	17.250	x	7.000	=	429	Sft
	4	x	8.000	+	9.000	x	7.000	=	476	Sft
	2	x	13.750	+	13.625	x	7.000	=	383	Sft
	2	x	8.000	+	13.625	x	7.000	=	303	Sft
In Door Block Ground Floor										
	4	x	35.625	+	47.500	x	7.000	=	2328	Sft
	4	x	12.000	+	19.000	x	7.000	=	868	Sft
	4	x	5.000	+	12.000	x	7.000	=	476	Sft
	4	x	9.000	+	19.000	x	7.000	=	784	Sft
	4	x	5.000	+	6.625	x	7.000	=	326	Sft
	2	x	11.000	+	12.000	x	7.000	=	322	Sft
	2	x	5.000	+	12.000	x	7.000	=	238	Sft
	2	x	10.000	+	15.125	x	7.000	=	352	Sft
	2	x	11.000	+	10.000	x	7.000	=	294	Sft
	2	x	10.000	+	15.625	x	7.000	=	359	Sft
	2	x	5.000	+	12.000	x	7.000	=	238	Sft
	2	x	11.000	+	12.000	x	7.000	=	322	Sft
	4	x	5.625	+	6.625	x	7.000	=	343	Sft
Ver.	4	x	142.625	+	8.000	x	7.000	=	4218	Sft
	2	x	47.500	+	11.000	x	7.000	=	819	Sft
Labortary	4	x	19.250	+	9.250	x	7.000	=	798	Sft
	4	x	6.000	+	4.000	x	7.000	=	280	Sft
Operation Theater Ground Floor										
ICU	2	x	22.00	+	35.000	x	7.000	=	798	Sft
	2	x	14.75	+	10.000	x	7.000	=	347	Sft
	4	x	22.00	+	18.000	x	7.000	=	1120	Sft
	2	x	22.00	+	29.375	x	7.000	=	719	Sft
	2	x	12.00	+	10.625	x	7.000	=	317	Sft
	2	x	12.00	+	13.500	x	7.000	=	357	Sft
	2	x	17.25	+	18.000	x	7.000	=	494	Sft
	2	x	22.00	+	18.000	x	7.000	=	560	Sft
	2	x	20.125	+	18.000	x	7.000	=	534	Sft
	2	x	22.00	+	26.250	x	7.000	=	676	Sft

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	2	x	15.500	+	10.000	x	7.000	=	357	Sft
	2	x	42.875	+	27.500	x	7.000	=	985	Sft
	2	x	13.375	+	10.000	x	7.000	=	327	Sft
Passage	2	x	39.00	+	10.000	x	7.000	=	686	Sft
Operation Theater First Floor										
O.T	2	x	22.00	+	27.000	x	7.000	=	686	Sft
	1	x	17.00	+	9.000	x	7.000	=	182	Sft
	1	x	14.00	+	10.000	x	7.000	=	168	Sft
	1	x	22.00	+	13.750	x	7.000	=	250	Sft
	1	x	22.00	+	6.000	x	7.000	=	196	Sft
	1	x	11.00	+	13.750	x	7.000	=	173	Sft
	1	x	10.625	+	13.750	x	7.000	=	171	Sft
	1	x	12.00	+	35.000	x	7.000	=	329	Sft
	1	x	22.00	+	29.375	x	7.000	=	360	Sft
	1	x	12.00	+	10.625	x	7.000	=	158	Sft
	1	x	12.00	+	10.500	x	7.000	=	158	Sft
	1	x	14.00	+	9.000	x	7.000	=	161	Sft
	1	x	12.375	+	10.000	x	7.000	=	157	Sft
	1	x	22.000	+	13.750	x	7.000	=	250	Sft
	1	x	11.000	+	20.750	x	7.000	=	222	Sft
	1	x	10.625	+	13.750	x	7.000	=	171	Sft
	2	x	20.000	+	14.000	x	7.000	=	476	Sft
	1	x	41.750	+	14.250	x	7.000	=	392	Sft
	1	x	60.000	+	12.000	x	7.000	=	504	Sft
	1	x	30.000	+	9.500	x	7.000	=	277	Sft
	2	x	41.750	+	10.000	x	7.000	=	725	Sft
	6	x	5.000	+	4.750	x	5.000	=	293	Sft
	6	x	6.000	+	9.250	x	5.000	=	333	Sft
	4	x	5.625	+	6.625	x	5.000	=	149	Sft
	4	x	5.000	+	6.625	x	5.000	=	133	Sft
	4	x	5.000	+	6.625	x	5.000	=	133	Sft
	4	x	5.000	+	6.625	x	5.000	=	133	Sft
	2	x	7.625	+	13.625	x	5.000	=	208	Sft
	8	x	5.375	+	4.00	x	5.000	=	172	Sft
	8	x	19.250	+	9.250	x	5.000	=	1425	Sft
	4	x	6.000	+	4.000	x	5.000	=	96	Sft
	4	x	6.250	+	5.16	x	5.000	=	228	Sft
	3	x	5.000	+	4.750	x	5.000	=	146	Sft
Out door Block	2	x	15.840	+	15.625	x	7.000	=	441	Sft
	1	x	19.250	+	15.625	x	7.000	=	244	Sft
	2	x	9.250	+	15.625	x	7.000	=	348	Sft
	1	x	12.500	+	15.625	x	7.000	=	197	Sft
	1	x	5.830	+	9.250	x	7.000	=	106	Sft
	1	x	5.750	+	9.250	x	7.000	=	105	Sft
	1	x	5.750	+	5.830	x	7.000	=	81	Sft
	1	x	12.500	+	15.625	x	7.000	=	197	Sft
	1	x	5.750	+	9.250	x	7.000	=	105	Sft
	1	x	19.250	+	5.625	x	7.000	=	174	Sft
	2	x	9.250	+	7.500	x	7.000	=	235	Sft
	2	x	19.250	+	15.625	x	7.000	=	488	Sft
	2	x	12.500	+	15.625	x	7.000	=	394	Sft
	1	x	19.250	+	15.625	x	7.000	=	244	Sft

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1	x	15.750	+	15.625	x	7.000	=	220	Sft
2	x	19.250	+	15.625	x	7.000	=	488	Sft
1	x	6.000	+	9.250	x	7.000	=	107	Sft
1	x	9.250	+	15.625	x	7.000	=	174	Sft
1	x	40.500	+	30.000	x	7.000	=	494	Sft
2	x	210.000	+	5.625	x	7.000	=	3019	Sft
						Total:-	=	**9686**	**Sft**
							@	**130.00**	**P.Sft** **Rs. 1259180**

12 P/Applying weather sheild paint of approved quality on external surface of building i/c prepartion of surface, application of primer complete in all respect old surface after scraping.

4.00	x	233.875	+	47.125	x	17.500	=	19670	Sft
4.00	x	92.000	+	51.125	x	17.500	=	10019	Sft
2.00	x	142.625	+	49.750	x	17.500	=	6733	Sft
2.00	x	21.500	+	19.000	x	17.500	=	1418	Sft
4.00	x	150.000	+	10.250	x	17.500	=	11218	Sft
4.00	x	129.875	+	171.625	x	17.500	=	21105	Sft
2.00	x	66.250	+	29.000	x	17.500	=	3334	Sft
2.00	x	96.250	+	90.375	x	30.500	=	11384	Sft
4.00	x	140.000	+	56.625	x	17.500	=	13764	Sft
2.00	x	210.000	+	40.500	x	17.500	=	8768	Sft
2.00	x	30.000	+	60.000	x	17.500	=	3150	Sft
						Total:-	=	**110561**	**Sft**
							@	**2340.90**	**% Sft** **Rs. 2588122.4**

13 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 (1½" x 4") and leaf frame of 60x40mm (2½"x1½") wide sections including the cost of ¼" (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.

7	x	4	x	7.00	=	196	Sft
1	x	7	x	8.00	=	56	Sft
1	x	6	x	9.00	=	54	Sft
20	x	3	x	8.50	=	510	Sft
10	x	4	x	8.50	=	340	Sft
2	x	7	x	8.50	=	119	Sft
3	x	7	x	8.00	=	168	Sft
1	x	18	x	8.25	=	149	Sft
2	x	3	x	9.00	=	54	Sft
1	x	8	x	10.00	=	80	Sft
3	x	4	x	9.00	=	108	Sft
10	x	3	x	7.00	=	210	Sft
1	x	5	x	8.00	=	40	Sft
5	x	2.50	x	7.00	=	88	Sft
				Total:-	=	**2171**	**Sft**
					@	**716.50**	**P.Sft** **Rs. 1555521.5**

14 P/F 1-1/2" thick deodar wood panneled or panalled and glazed doors and window with mild steel chowkat frame etc. complete in all respect with M.S angle iron chowkat 1-1/2"x1-1/2"x1/4" welded with M.S flat frame 2"x1/4" etc. complete.

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3	x	5.00	x	8.75	=	131	Sft	
2	x	4.16	x	7.00	=	58	Sft	
15	x	3.33	x	7.00	=	350	Sft	
8	x	3.00	x	7.00	=	168	Sft	
				Total:-	=	**707**	**Sft**	
					@	**1515.75**	**P.Sft**	**Rs. 1071847**

15 Providing and fitting all types of glazed aluminium windows of anodised bronze colour partly fixed and partly sliding using delux sections of approved manufacturer having frame size of 100 x 20 mm (4"x¾") and leaf frame sections of 50 x 20 mm (2"x¾"), all of 1.6mm thickness including 5 mm thick imported tinted glass with rubber gasket using approved standard latches, hardware etc., as approved by the Engineer in-charge i/c Aluminum Fly screen comprising of Fiber / Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer brownze Colour / powder coated of size1-1/2"x1/2" and 1.6 mm thick with rubber gasketi / cost of Hardware as approved and directed by the engineer in-charge. complete in all respect.

85	x	2.50	x	5.50	=	1169	Sft	
32	x	2.50	x	3.50	=	280	Sft	
12	x	1.10	x	8.00	=	106	Sft	
6	x	3.08	x	8.00	=	148	Sft	
12	x	2.21	x	8.00	=	212	Sft	
12	x	5.92	x	7.25	=	515	Sft	
16	x	4.17	x	4	=	267	Sft	
12	x	2.50	x	4	=	120	Sft	
4	x	2.50	x	2	=	20	Sft	
50	x	2.58	x	5.33	=	688	Sft	
16	x	2.21	x	8	=	283	Sft	
108	x	2.58	x	4.08	=	1137	Sft	
4	x	2.5	x	2.08	=	21	Sft	
110	x	2.5	x	4.08	=	1122	Sft	
20	x	2.5	x	4.08	=	204	Sft	
56	x	2.5	x	2.08	=	291	Sft	
6	x	5.79	x	6	=	208	Sft	
18	x	2.58	x	6	=	279	Sft	
52	x	3	x	5.5	=	858	Sft	
26	x	3	x	4.5	=	351	Sft	
4	x	2.13	x	5	=	43	Sft	
				Total:-	=	**8320**	**Sft**	
					@	**1294.85**	**P.Sft**	**Rs. 10773477**

16 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/cost of fixtures i.e galvanized angle 1"x1" at wall sides, galvanized tee 1¼"x1" and 1½"x1" both at 4' c/c (made of Taiwan CK More 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 (9mm thick)

Out Door Block First Floor

Emergency Block	1	x	14.000	x	13.625	=	191	Sft
Specialist	1	x	16.000	x	13.625	=	218	Sft
	1	x	12.000	x	13.625	=	164	Sft

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Dential	1	x	17.750	x	13.625	=	242	Sft
	1	x	18.000	x	13.625	=	245	Sft
	2	x	11.000	x	13.625	=	300	Sft
	4	x	12.000	x	14.000	=	672	Sft
	1	x	13.750	x	14.000	=	193	Sft
	1	x	10.000	x	14.000	=	140	Sft
Women Medical	1	x	15.000	x	14.00	=	210	Sft
	4	x	5.000	x	7.625	=	153	Sft
	1	x	5.000	x	6.00	=	30	Sft
	1	x	7.250	x	6.00	=	44	Sft
	1	x	7.250	x	7.625	=	55	Sft
	1	x	5.000	x	7.625	=	38	Sft
	2	x	17.625	x	8.00	=	282	Sft
	1	x	107.125	x	7.00	=	750	Sft
	1	x	15.500	x	47.00	=	729	Sft
	1	x	15.000	x	4.50	=	68	Sft
	15	x	4.500	x	1.125	=	76	Sft
Gyane Ward								
	1	x	20.000	x	18.00	=	360	Sft
	1	x	8.000	x	12.625	=	101	Sft
	1	x	8.000	x	5.00	=	40	Sft
	1	x	12.000	x	9.625	=	116	Sft
	1	x	12.000	x	8.00	=	96	Sft
	1	x	13.625	x	18.000	=	245	Sft
	1	x	16.000	x	13.625	=	218	Sft
	2	x	8.000	x	13.625	=	218	Sft
	1	x	10.000	x	13.625	=	136	Sft
	1	x	92.000	x	8.000	=	736	Sft
	1	x	82.000	x	7.000	=	574	Sft
Passage	1	x	200.000	x	9.000	=	1800	Sft
	1	x	13.375	x	17.250	=	231	Sft
	2	x	8.000	x	9.000	=	144	Sft
	1	x	13.750	x	13.625	=	187	Sft
	1	x	8.000	x	13.625	=	109	Sft
In Door Block Ground Floor								
	2	x	35.625	x	47.500	=	3384	Sft
	2	x	12.000	x	19.000	=	456	Sft
	2	x	5.000	x	12.000	=	120	Sft
	2	x	9.000	x	19.000	=	342	Sft
	2	x	5.000	x	6.625	=	66	Sft
	1	x	11.000	x	12.000	=	132	Sft
	1	x	5.000	x	12.000	=	60	Sft
	1	x	10.000	x	15.125	=	151	Sft
	1	x	11.000	x	10.000	=	110	Sft
	1	x	10.000	x	15.625	=	156	Sft
	1	x	5.000	x	12.000	=	60	Sft
	1	x	11.000	x	12.000	=	132	Sft
Ver.	2	x	142.625	x	8.000	=	2282	Sft
	1	x	47.500	x	11.000	=	523	Sft
DW2	1	x	9.000	x	1.125	=	10	Sft
D-4	5	x	3.000	x	1.125	=	17	Sft
	4	x	3.500	x	1.125	=	16	Sft

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Operation Theater Ground Floor

ICU	1	x	22.00	x	35.000	=	770	Sft
	1	x	14.75	x	10.000	=	148	Sft
	2	x	22.00	x	18.000	=	792	Sft
	1	x	22.00	x	29.375	=	646	Sft
	1	x	12.00	x	10.625	=	128	Sft
	1	x	12.00	x	13.500	=	162	Sft
	1	x	17.25	x	18.000	=	311	Sft
	1	x	22.00	x	18.000	=	396	Sft
	1	x	20.125	x	18.000	=	362	Sft
	1	x	22.00	x	26.250	=	578	Sft
	1	x	15.500	x	10.000	=	155	Sft
	1	x	42.875	x	27.500	=	1179	Sft
	1	x	13.375	x	10.000	=	134	Sft
Passage	1	x	39.00	x	10.000	=	390	Sft

Operation Theater First Floor

O.T	2	x	22.00	x	27.000	=	1188	Sft
	1	x	17.00	x	9.000	=	153	Sft
	1	x	14.00	x	10.000	=	140	Sft
	1	x	22.00	x	13.750	=	303	Sft
	1	x	22.00	x	6.000	=	132	Sft
	1	x	11.00	x	13.750	=	151	Sft
	1	x	10.625	x	13.750	=	146	Sft
	1	x	12.00	x	35.000	=	420	Sft
	1	x	22.00	x	29.375	=	646	Sft
	1	x	12.00	x	10.625	=	128	Sft
	1	x	12.00	x	10.500	=	126	Sft
	1	x	14.00	x	9.000	=	126	Sft
	1	x	12.375	x	10.000	=	124	Sft
	1	x	22.000	x	13.750	=	303	Sft
	1	x	11.000	x	20.750	=	228	Sft
	1	x	10.625	x	13.750	=	146	Sft
	2	x	20.000	x	14.000	=	560	Sft
	1	x	41.750	x	14.250	=	595	Sft
	1	x	60.000	x	12.000	=	720	Sft
	1	x	30.000	x	9.500	=	285	Sft
Out door Block	2	x	15.840	x	15.625	=	495	Sft
	1	x	19.250	x	15.625	=	301	Sft
	2	x	9.250	x	15.625	=	289	Sft
	1	x	12.500	x	15.625	=	195	Sft
	1	x	5.830	x	9.250	=	54	Sft
	1	x	5.750	x	9.250	=	53	Sft
	1	x	5.750	x	5.830	=	34	Sft
	1	x	12.500	x	15.625	=	195	Sft
	1	x	5.750	x	9.250	=	53	Sft
	1	x	19.250	x	5.625	=	108	Sft
	2	x	9.250	x	7.500	=	139	Sft
	2	x	19.250	x	15.625	=	602	Sft
	2	x	12.500	x	15.625	=	391	Sft
	1	x	19.250	x	15.625	=	301	Sft
	1	x	15.750	x	15.625	=	246	Sft
	2	x	19.250	x	15.625	=	602	Sft

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	1	x	6.000	x	9.250	=	56	Sft	
	1	x	9.250	x	15.625	=	145	Sft	
	1	x	40.500	x	30.000	=	1215	Sft	
	2	x	210.000	x	5.625	=	2363	Sft	
					Total:-	=	**38728**	**Sft**	
						@	**83.05**	**P.Sft**	**Rs. 3216374**

17 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 mortor i/c the cost of matching sealer complete in all respects as approved and directed by the Engineer Incharge.(China Verona)

	8	x	15.000	x	2.000	=	240	Sft	
	6	x	30.000	x	2.000	=	360	Sft	
	24	x	6.000	x	1.500	=	216	Sft	
	24	x	6.000	x	0.500	=	72	Sft	
	1	x	15.625	x	6.000	=	94	Sft	
					Total:-	=	**982**	**Sft**	
						@	**369.35**	**P.Sft**	**Rs. 362609**

18 P/F PVC door with chowkat 2-1/2x7' for wash room of 38mm PVC solid flush with frame door i/c Latch lock of approved quality by the Engineer In charge complete in all respect and as approved by the Engineer In charge.

	38	x	2.500	x	7.000	=	665	Sft	
						@	**800.00**	**P.Sft**	**Rs. 532000**

19 Providing and fixing auotomatic hydraulic operated door closer imported heavy duty complete in all respect as approved and directed by the Engineer Incharge.

=	50	Nos.	
@	**2641.55**	**P.Sft**	**Rs. 132078**

20 Providing and fixing of double action (sonex made) complete with flexible pipe 1-1/4 meter long 1/2"dia chain type as approved by the engineer incharge.

=	10	Nos.	
@	**2800.00**	**P.Sft**	**Rs. 28000**

21 Supply and erection of copper conductor cables for service ditto connection, in prelaid pipe/G.I. wire/trenches, etc. (rate for cable only):- PVC insulated, PVC sheathed 4 core 660/1100 volt grade cable, Cost of trenches where necessary armoured with G.I. wire 16 SWG. 19/ 0.083

=	300	Rft	
@	**2605.05**	**P.Rft**	**Rs. 781515**

ii ----------do---------- 37 / 0.103"

=	100	Rft	
@	**6989.00**	**P.Rft**	**Rs. 698900**

22 Providing and fixing LED light for 45-watt with glass 2x2 model No. LQ54W LED SVG paklite made complete in all respect as approved by the Engineer in-charge

=	120	Nos.	
@	**6500.00**	**Each**	**Rs. 780000**

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ii Providing and fixing LED light for 18-watt complete in all respect as approved by the Engineer in-charge

= 100 Nos.
@ 850.00 Each Rs. 85000

23 Supply and installation of premium graded /scratch-resistant Hygienic anti-microbial PVC wall cladding of specified thickness duly thermoplastic welded conforming to (ISO:22196) and pasted over 12mm thick gypsum board with adhesive/solvent fixed over 14-SWG G.I channel of size 3.5"x2"x3.5" duly screwed on wall i/c the cost of hardwares as approved and directed by the engineer incharge.

= 2363 Sft
@ 1350.00 P.Sft Rs. 3190050

24 Supply and installation of anti microbal Hygenic flooring (with anti bacterial agent) Conforming to (ISO:22196) of specified thickness duly welded with thermoplastic equipment placed over self leveling adhesive as approved and directed by the Engineer incharge.

= 1000 Sft
@ 650.00 P.Sft Rs. 650000

25 P/F Sub Station equipment PEMPAK/PELL/SEIMONS/EMS ETC of MCCB Circuit Breaker Board 650 to 60 Amp three phase model 690 Cf TB to 36 KA/36 KA incomming comprising of 12'x7'x20" size almirah of MS sheet 16-SWG hammer painted & 6-Nos. 24"x84"x12' almirah inside the main box MS box sheet 16-SWG embeded in masonry including 3-Nos. out going circuit breaker 3 Phase 40-Amp Model TB to XS NB TB to 15 KA/8KA 12 Nos. i/c netural link copper 99% 500 Amp earth link 3-Nos Volt meter 500-Volt and 3-Nos amper meter 500-Colt and 3 Nos indication lights (Red,Yellow,Green) selector Switch 500 Volt 1-No citicoil 500 Amp thimbles i/c cost of all internal wiring MS cover and locking arrangement completes in all respect i/c carriage from lahore to site of work as approved by the engineer incahrge.

= 1 Nos.
@ 3933000 Each Rs. 3933000

26 Supply and installation of Clip-in tile of specified thickness non-porous Aluminium false ceiling of specified size fitted with clip in suspension system hanged on Concealed T/Shiplap edge/runners @600mm x 600mm grid Edge Trims fasten on wall with plug and screw @ 500mm c/c i/c cutting charges of tiles of required size suspension ends and joints sealed with silicon if required of DAMPA/Demark as provided and directed by the engineer incharge. bevelled edges & large 21.5mm 600mm x 600mm.

1	x	15.750	x	19.000	=	299	Sft
1	x	15.000	x	15.750	=	236	Sft
1	x	32.750	x	18.000	=	590	Sft
1	x	20.000	x	20.000	=	400	Sft
1	x	7.000	x	6.000	=	42	Sft
1	x	6.830	x	8.000	=	55	Sft
1	x	11.000	x	14.000	=	154	Sft
1	x	24.250	x	14.750	=	358	Sft
1	x	15.000	x	12.500	=	188	Sft
1	x	16.000	x	12.500	=	200	Sft
1	x	6.250	x	6.500	=	41	Sft
1	x	5.000	x	6.000	=	30	Sft
1	x	9.250	x	12.250	=	113	Sft
1	x	8.000	x	7.250	=	58	Sft
1	x	11.000	x	19.250	=	212	Sft
1	x	44.000	x	13.000	=	572	Sft
1	x	17.000	x	10.250	=	174	Sft

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2	x	8.500	x	5.500	=	94	Sft	
1	x	14.000	x	10.750	=	151	Sft	
1	x	20.500	x	11.000	=	226	Sft	
1	x	21.330	x	12.330	=	0	Sft	
1	x	23.000	x	6.000	=	138	Sft	
1	x	14.000	x	11.000	=	154	Sft	
1	x	14.000	x	11.500	=	161	Sft	
1	x	22.250	x	14.000	=	312	Sft	
1	x	14.000	x	22.000	=	308	Sft	
1	x	23.000	x	28.500	=	656	Sft	
1	x	18.000	x	9.000	=	162	Sft	
1	x	21.000	x	9.500	=	200	Sft	
1	x	11.000	x	12.000	=	132	Sft	
1	x	27.000	x	22.500	=	608	Sft	
1	x	12.000	x	11.000	=	132	Sft	
1	x	27.250	x	22.000	=	600	Sft	
1	x	14.500	x	9.000	=	131	Sft	
1	x	14.500	x	10.000	=	145	Sft	
1	x	9.000	x	29.000	=	261	Sft	
1	x	10.250	x	14.000	=	144	Sft	
1	x	5.000	x	6.000	=	30	Sft	
1	x	14.000	x	20.250	=	284	Sft	
				Total:-	=	8744	Sft	1000SFT (Same as 24).
					@	850	P.Sft Rs.	7432625 850,000

27 Providing and fixing 2"x2" stainless steel 14 SWG corner guard angle iron with bevelled corner and 0.8mm bend at edges duly pasted with premimum grade self-adhesive glue strips with excellent /Double sided tape , complete in all respects as approved by engineer corners.

=	650	Rft	
@	850	P.Rft Rs.	552500

28 Providing and fixing stainless steel columns cladding, complete in all respect as approved by the engineer incharge.
Columns.

1	x	70.00	x	5.00	=	350	Rft	
				Total:-	=	350	Rft	
					@	1596	P.Rft Rs.	558600

29 Proivision and installation of electric equipments detailed attached.

=	1	Nos.	8417078.4
@	7637940	P.Job Rs.	7637940
		Total:- Rs.	85040710
		Say:- Rs.	85040700

EXECUTIVE ENGINEER
Buildings Division Pakpattan

SUB DIVISIONAL OFFICER
Buildings Sub Division Arifwala

Sub Engineer

REVISED ROUGH COST ESTIAMTE ON DETAIL BASED FOR THE REVAMPING OF TEHSIL HEAD QUARTER HOSPITAL ARIFWALA FOR THE YEAR 2021-22

Statement Sewer Line

Sr No.	Description	As per amended rough cost estimate (1st Bi Annual 2022)				As per revised Estimate (1st Bi Annual 2022)				Difference	
		Qty:	Unit	Rate	Amount	Qty:	Unit	Rate	Amount	Excess	Saving
1	Dismantling of R.C.C pipe in site the trench and dismantling and removing the pipes from the trench and stacking them out side 6" to 12".	1676	P.Rft	27.55	46174	1676	P.Rft	27.55	46174	0	0
ii	Dismantling of R.C.C pipe in site the trench and dismantling and removing the pipes from the trench and stacking them out side 13" to 24".	2145	P.Rft	44.05	94487	2145	P.Rft	44.05	94487	0	
2	Earth work Excavation in open cutting for sewer and man hole as shown in drawings i/c shuttering and timbering dressing to correct section etc. complete.	125923	%0Cft	7272.55	915778	125923	%0Cft	7272.55	915778	0	
3	P/L watering ramming brick ballast 1-1/2" to 2" gauge with 25% sand mixed.	22895	%Cft	5161.30	1181680	22895	%Cft	5161.30	1181680	0	
4	P/F R.C.C pipe sewerage moulded with cement concrete 1:1-1/2:3 confirming to ASTM specification C-76-79 Class-II, wall B i/c carriage of pipe factory to site of work 12" dia.	1576	P.Rft	637.05	1003991	1576	P.Rft	637.05	1003991	0	
ii	P/F R.C.C pipe sewerage moulded with cement concrete 1:1-1/2:3 confirming to ASTM specification C-76-79 Class-II, wall B i/c carriage of pipe factory to site of work 24" dia.	2145	P.Rft	1488.45	3192725	2145	P.Rft	1488.45	3192725	0	
5	Re-handling of earth lead upto single throw khassi pharaoh or shovel.	125923	%0Cft	2059.20	259300	125923	%0Cft	2059.20	259300		

Sr No.	Description	As per amended rough cost estimate (1st Bi Annual 2022)				As per revised Estimate (1st Bi Annual 2022)				Difference	
		Qty:	Unit	Rate	Amount	Qty:	Unit	Rate	Amount	Excess	Saving
6.	Provision of man hole.	55	Each	43000.00	2365000	55	Each	43000.00	2365000		
				Total:-	9059134			Total:-	9059134	0	0
				Say:-	9059100			Say:-	9059100		

EXECUTIVE ENGINEER
Buildings Division Pakpattan

SUB DIVISIONAL OFFICER
Buildings Sub Division Arifwala

Sub Engineer

SEWER LINE

1 Dismantling of R.C.C pipe in site the trench and dismantling and removing the pipes from the trench and stacking them out side 6" to 12". 1st Bi-Annual 2022

	1	x	1676.00		=	1676	Rft	
					@	27.55	P.Rft	Rs. 46174

ii Dismantling of R.C.C pipe in site the trench and dismantling and removing the pipes from the trench and stacking them out side 13" to 24".

	1	x	2145.00		=	2145	Rft	
					@	44.05	P.Rft	Rs. 94487

2 Earth work Excavation in open cutting for sewer and man hole as shown in drawings i/c shuttering and timbering dressing to correct section etc. complete.

1	x	1576.00	x	5.00	x	5.500	=	43340	Cft	
1	x	2145.00	x	7.00	x	5.500	=	82583	Cft	
						Total:-	=	125923	Cft	
							@	7272.55	%0 Cft	Rs. 915777.7

3 P/L watering ramming brick ballast 1-1/2" to 2" gauge with 25% sand mixed.

1	x	1576.00	x	5.00	x	1.000	=	7880	Cft	
1	x	2145.00	x	7.00	x	1.000	=	15015	Cft	
						Total:-	=	22895	Cft	
							@	5161.30	% Cft	Rs. 1181680

4 P/F R.C.C pipe sewerage moulded with cement concrete 1:1-1/2:3 confirming to ASTM specification C-76-79 Class-II, wall B i/c carriage of pipe factory to site of work 12" dia.

	1	x	1576.00		=	1576	Rft	
					@	637.05	P.Rft	Rs. 1003991

ii P/F R.C.C pipe sewerage moulded with cement concrete 1:1-1/2:3 confirming to ASTM specification C-76-79 Class-II, wall B i/c carriage of pipe factory to site of work 24" dia.

	1	x	2145.00		=	2145	Rft	
					@	1488.45	P.Rft	Rs. 3192725

5 Re-handling of earth lead upto single throw khassi pharaoh or shovel.

1	x	1576.00	x	5.00	x	5.500	=	43340	Cft	
1	x	2145.00	x	7.00	x	5.500	=	82583	Cft	
						Total:-	=	125923	Cft	
							@	2059.20	%0 Cft	Rs. 259300

6 Provision of man hole.

Executive Engineer Building ... Peshawar Pakpatta

=	55	Nos.		
@	43000	Each	Rs.	2365000
			Total:-	**9059134**
			Say:-	**9059100**

MAN HOLE

1 Excavation in open cutting for sewer and man hole 0'-7'depth.

1st Bi-Annual 2022

1	x	6.000	x	4.500	x	4.00	= 108	Cft
					Total		= 108	Cft
							@ 7272.55	%Ocft 785

2 Cement concrete brick ballast 1-1/2" to 2" gauge (1:4:8).

1	x	6.000	x	4.500	x	0.50	= 14	Cft
					Total		= 14	Cft
							@ 16698.30	%cft 2254

3 Pacca brick work other than building 1:4

2	x	5.500	x	0.750	x	5.000	= 41	Cft
2	x	2.500	x	0.750	x	5.000	= 19	Cft
					Total		= 60	Cft
							@ 25808.15	%cft 15485

4 1/2" thick cement plaster 1:4.

2	x	6.500	x	2.500			= 33	Sft
					Total		= 33	Sft
							@ 2591.50	%Sft 842

5 1/2" thick cement plaster 1:4.

2	x	8.000	x	0.750			= 12	Sft
2	x	9.500	x	3.000			= 57	Sft
2	x	6.500	x	5.000			= 65	Sft
					Total		= 134	Sft
							@ 2591.50	%Sft 3473

6 P/L R.C.C. slab 1:2:4 raft strip

1	x	5.500	x	4.000	x	0.375	= 8	Cft
					Total		= 8	Cft
							@ 350.30	P.Cft 2890

7 Fabrication of mild steel reinforcement for cement concrete i/c cutting, bending, laying in position making joints and fastening i/c cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars), deform bars 40-grade.

1	x	8	x	6.75	x	0.4536	= 25	Kg
					Total		= 25	Kg
							@ 25937.10	%Kg 6552

8 P/L plain cement concrete 1:2:4 i/c placing

1	x	4.000	x	2.500	x	0.25	= 3	Cft
					Total		= 3	Cft
							@ 28918.55	%cft 723

9 P/F 6" thick R.C.C man hole cover with 3"x3"x1/4" angle iron frame 22" dia as per standared drawing STD / PD No.7 of 1977 complete in all respect.

= 1 No.
@ 9227.90 Each 9228

10 Extra for manking benching floor.

1	x	4.000	x	2.500			= 10	Sft
					Total		= 10	Sft
							@ 2308.90	% Sft 231

11 P/F M.S angle iron step.

Executive Engineer Building
[illegible]

= 1 No.
@ 499.85 Each 500

Total 42963
say 43000

Sub Divisional Officer
Buildings Sub Division Arifwala

REVISED ROUGH COST ESTIAMTE ON DETAIL BASED FOR THE REVAMPING OF TEHSIL HEAD QUARTER HOSPITAL ARIFWALA FOR THE YEAR 2021-22

Statement Tuff Tiles

Sr No.	Description	As per amended rough cost estimate (1st Bi Annual 2022)				As per revised Estimate (1st Bi Annual 2022)				Difference	
		Qty:	Unit	Rate	Amount	Qty:	Unit	Rate	Amount	Excess	Saving
1	Dismantling and removing road pavement etc.	2419	% Cft	2199.25	53194	2419	% Cft	2199.25	53194	0	0
2	Earth work in ordinay soil for embankment lead upto 3-miles maximum modified AASHO 95% to 100%.	30312	%0Cft	11462.55	347453	30312	%0Cft	11462.55	347453	0	0
3	P/L cement concrete brick ballast 1-1/2" to 2" gauge 1:6:12.	9208	%Cft	14069.10	1295412	9208	%Cft	14069.10	1295412	0	0
4	P/L tuff paver having 7000 PSI crushing strength of approved manufactured over 2 to 3" sand cushion i/c grouting with sand in joint 80mm.	10820	P.Sft	126.15	1364943	10820	P.Sft	126.15	1364943	0	0
								Total:-	3061003	0	0
								Say:-	3061000		

EXECUTIVE ENGINEER
Buildings Division Pakpattan

SUB DIVISIONAL OFFICER
Buildings Sub Division Arifwala

Sub Engineer

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TUFF TILE

1st Bi-Annual 2022

1 Dismantling and removing road pavement etc.

1	x	579.00	x	10.00	x	0.375	=	2171	Cft
2	x	110.00	x	3.000	x	0.375	=	248	Cft
						Total:-	=	2419	Cft
							@	2199.25	% Cft Rs. 53194 /-

2 Earth work in ordinay soil for embankment lead upto 3-miles maximum modified AASHO 95% to 100%.

1	x	579.00	x	14.00	x	2.000	=	16212	Cft
2	x	110.00	x	3.00	x	1.500	=	990	Cft
1	x	95.00	x	46.00	x	3.000	=	13110	Cft
						Total:-	=	30312	Cft
							@	11462.55	%0 Cft Rs. 347453 /-

3 P/L cement concrete brick ballast 1-1/2" to 2" gauge 1:6:12.

1	x	579.00	x	10.00	x	0.750	=	4343	Cft
2	x	110.00	x	3.00	x	0.750	=	495	Cft
1	x	95.00	x	46.00	x	1.000	=	4370	Cft
						Total:-	=	9208	Cft
							@	14069.10	% Cft Rs. 1295412 /-

4 P/L tuff paver having 7000 PSI crushing strength of approved manufactured over 2 to 3" sand cushion i/c grouting with sand in joint 80mm.

1	x	579.00	x	10.00		=	5790	Sft
2	x	110.00	x	3.00		=	660	Sft
1	x	95.00	x	46.00		=	4370	Sft
					Total:-	=	10820	Sft
						@	126.15	P.Sft Rs. 1364943 /-

Total:- 3061003 /-

Say:- 3061000 /-

Executive Engineer Building
Division Peshawar

T.H.Q HOSPITAL ARIFWALA
Provision/Installation of Electrical Equipment.

S.#	Description			Qty:	Unit	Rate	Amount
A	**L.T. (LV) SUB-STATION EQUIPMENT:**						
1	Supply, installation, testing, commissioning of **MAIN SWITCH BOARD-1250A (with SPD IP-64)** with Incoming From 630KVA Transformer Indication Lamp, Insturement Protection Fuse, including 1000A Main copper bus bar Suitable For Each Phase/Netural & link as per above outgoing circuit breaker, installed in cubicals asambled with SIEMENS, PEMPAK,AREVA,PEL etc. or equivalent make. of 14 SWG miled steel sheet fabricated, Outdoor Type, Floor Mounting, Insulation class 600VAC, Incoming/Outgoing connection Top or Bottom as per site requirement, door to body Earth with flexibile copper cable, system voltage 415VAC, 50HZ, 3-Phase 4-Wire, degreased and derusted, zinc phosphated, finished with electro-static powder coating of 80-100 micron thickness in approved colour with hinged door, lockable handle, all live part coverd with safty sheet, internal control & power wiring from protection & power., including cost of all necessary materials complete in all respects. All above ACB/MCCBs/MCBs, Make in Terasaki Japan/Schneider Eu.shall be installed inside the panel having a further M.S. protective sheet and accessible only by opening the front door. All MCCBs shall be rated at 50°C. and shall be of one make only and not to be mixture.			1			
	MAIN SWITCH BOARD-1250A (with SPD IP-64) (3.0'*6'*2.5')					145188	
	Incoming from 630KVA Transformer						
1	1250A TP MCCB 50KA	Terasaki/Schneider	01 No.			102437.8	
2	Digital Volt Meter 0~600V	Entes/Schneider	01 No.				
3	Volt Selector Switch	GGT/Camsco	01 No.				
4	Digital Ampere Meter 0~600A	Entes/Schneider	01 No.				
5	Ampere Selector Switch	GGT/Camsco	01 No.				
6	Current Transformer 600/5A	Fico/Metelx	03 Nos.				
7	Phase Indication Lamps. (R+Y+B)	Schneider/Himel	03 Nos.				
8	6A Control MCB for Instrument Protection	Terasaki/Schneider	03 Nos.				
9	1000A Copper Bus Bar		01 Job.				
	OUTGOING of MDB-1						
1	400A TP MCCB 36KA	Terasaki/Schneider	04 Nos.			249671.2	
2	200A TP MCCB 36KA	Terasaki/Schneider	08 Nos.			299662.4	
						796959.4	796959.4
2	Supply, installation, testing, commissioning of **MAIN LT & WAPDA CHANGE OVER PANEL-1** with Incoming From MDB-1 and 200 KVA generator-1 Indication Lamp, Insturement Protection Fuse, including 400A Main copper bus bar Suitable For Each Phase/Netural & link as per above outgoing circuit breaker, installed in cubicals asambled with SIEMENS, PEMPAK,AREVA,PEL etc. or equivalent make. of 14 SWG miled steel sheet fabricated, Indoor Type, Floor Mounting, Insulation class 600VAC, Incoming/Outgoing connection Top or Bottom as per site requirement, door to body Earth with flexibile copper cable, system voltage 415VAC, 50HZ, 3-Phase 4-Wire, degreased and derusted, zinc phosphated, finished with electro-static powder coating of 80-100 micron thickness in approved colour with hinged door, lockable handle, all live part coverd with safty sheet, internal control & power wiring from protection & power., including cost of all necessary materials complete in all respects. All above ACB/MCCBs/MCBs, Make in Terasaki Japan/Schneider Eu.shall be installed inside the panel having a further M.S. protective sheet and accessible only by opening the front door. All MCCBs shall be rated at 50°C. and shall be of one make only and not to be mixture.			1			
	MAIN LT PANEL & WAPDA CHANGE OVER PANEL-1						
	Incoming from MDB-1 and 200 KVA generator-1						
1	400A 4P Automatic & Manual Transfer Switch	LKE/EQV	01 No.			1509448.37	
2	Digital Volt Meter 0~600V	Entes/Schneider	01 No.				
3	Volt Selector Switch	GGT/Camsco	01 No.				
4	Digital Ampere Meter 0~600A	Entes/Schneider	01 No.				
5	Ampere Selector Switch	GGT/Camsco	01 No.				
6	Current Transformer 400/5A	Fico/Metelx	03 Nos.				
7	Auxiliary Relay 8-Pin (for automatic operation)	Iskra/Finder	02 Nos.				
8	Timer with Base (for time delay operation)	FotekEqv.	02 Nos.				
9	Auto Manual Switch (for Byoass module)	GGT/Camsco	01 No.				
10	Push Button ON/OFF	Himel/Schneider	04 Nos.				
11	Phase Indication Lamps. (R+Y+B)	Schneider/Himel	03 Nos.				
12	6A Control MCB for Instrument Protection.	Terasaki/Schneider	03 Nos.				
13	Electrically Interlocking systems		01 Job.				
	OUTGOING						
1	400A TP MCCB 36KA	Terasaki/Schneider	03 Nos.			187253.4	
2	200A TP MCCB 36KA	Terasaki/Schneider	02 Nos.			74915.6	
3	63A TP MCCB 36KA	Terasaki/Schneider	04 Nos.			31991.2	
						1,803,608.57	1,803,608.57
3	Supply, installation, testing, commissioning of **MAIN LT & WAPDA CHANGE OVER PANEL-2 & 3** with Incoming From MDB-1 and 100 KVA generator-1 & 2 Indication Lamp, Insturement Protection Fuse, including 200A Main copper bus bar Suitable For Each Phase/Netural & link as per above outgoing circuit breaker, installed in cubicals asambled with SIEMENS, PEMPAK,AREVA,PEL etc. or equivalent make. of 14 SWG miled steel sheet fabricated, Indoor Type, Floor Mounting, Insulation class 600VAC, Incoming/Outgoing connection Top or Bottom as per site requirement, door to body Earth with flexibile copper cable, system voltage 415VAC, 50HZ, 3-Phase 4-Wire, degreased and derusted, zinc phosphated, finished with electro-static powder coating of 80-100 micron thickness in approved colour with hinged door, lockable handle, all live part coverd with safty sheet, internal control & power wiring from protection & power., including cost of all necessary materials complete in all respects. All above ACB/MCCBs/MCBs, Make in Terasaki Japan/Schneider Eu.shall be installed inside the panel having a further M.S. protective sheet and accessible only by opening the front door. All MCCBs shall be rated at 50°C. and shall be of one make only and not to be mixture.			2			
	MAIN LT & WAPDA CHANGE OVER PANEL-2 & 3						
	Incoming from MDB-1 and 100 KVA generator-1 & 2						
1	200A 4P Automatic & Manual Transfer Switch (Existing)	LKE/EQV	01 No.				
2	Digital Volt Meter 0~600V	Entes/Schneider	01 No.				
3	Volt Selector Switch	GGT/Camsco	01 No.				
4	Digital Ampere Meter 0~600A	Entes/Schneider	01 No.				
5	Ampere Selector Switch	GGT/Camsco	01 No.				
6	Current Transformer 600/5A	Fico/Metelx	03 Nos.				
7	Auxiliary Relay 8-Pin (for automatic operation)	Iskra/Finder	02 Nos.				
8	Timer with Base (for time delay operation)	FotekEqv.	02 Nos.				
9	Auto Manual Switch (for Byoass module)	GGT/Camsco	01 No.				
10	Push Button ON/OFF	Himel/Schneider	04 Nos.				
11	Phase Indication Lamps. (R+Y+B)	Schneider/Himel	03 Nos.				
12	6A Control MCB for Instrument Protection.	Terasaki/Schneider	03 Nos.				
13	Electrically Interlocking systems		01 Job.				
	OUTGOING						
1	200A TP MCCB 36KA	Terasaki/Schneider	03 Nos.			112373.4	
2	63A TP MCCB 36KA	Terasaki/Schneider	04 Nos.			31991.2	
						144364.6	288729.2

S.#	Description			Qty:	Unit	Rate	Amount
4	Supply, installation, testing, commissioning of **150KVAR POWER FACTOR IMPROVEMENT PLANT** with 4-step 12.5Kvar, 4-step 25Kvar Coupling arrangement of L.T. PANEL, Power Capacitors, Magnatic Contactor 220VAC,125A HRC Fuse, 6-Step PFI Controller, ON-OFF Indication Lamp, ON/OFF Push Button, Auxiliary Contactor 4NO+4NC, Auto Manual Switch, Insturement Protection Fuse, including 800A Main copper bus bar Suitable For Each Phase & link Cable as per above Capacitor, installed in cubicals asambled with SIEMENS, PEMPAK,AREVA,PEL etc. or equivalent make. of 12/14 SWG miled steel sheet fabricated, Inddor Type, Floor Mounting, Insulation class 600VAC, door to body Earth with flexibile copper cable, system voltage 415VAC, 50HZ, 3-Phase 4-Wire, degreased and derusted, zinc phosphated, finished with electro-static powder coating of 95 -100 micron thickness in approved colour with hinged door, lockable handle, all live part coverd with safty sheet, internal control & power wiring from protection & power., including cost of all necessary materials complete in all respects. All above Component Make Togami/Schenider/Mitsubishi/Hatachi/ABB, Capacitor Entes, Iskar,Enerlux, ZEZ, Amber, GE, shall be installed inside the panel having a further M.S. protective sheet and accessible only by opening the front door. and shall be of one make only and not to be mixture. (PLANT COUPLE WITH MAIN PANEL.)			1		433373.54	433373.54
	150KVR PFI PLANT						
	1 Power Capacitor 12.5KVAR	Iskara/Entes/Enerlux/ZEZ/Amber/GE	04 Nos.				
	2 Power Capacitor 25KVAR	Iskara/Entes/Enerlux/ZEZ/Amber/GE	04 No.				
	3 Magnetic Contactor 32A AC3 for 50kvar	Togami/Schenider/Mitsubis/Hathi/	04 Nos.				
	4 Magnetic Contactor 32A AC3 for 50kvar	Togami/Schenider/Mitsubis/Hathi/	01 No.				
	5 32/63A HRC Fuses with bases	Efen/Jenmuller/DF-Electric/Himel.	24 Nos.				
	6 Power Factor Controller 6-Steps	Entes/Inter/Mikro	01 No.				
	7 ON indication Lights	Himel/Schneider	08 Nos.				
	8 Push Button ON/OFF	Himel/Schneider	16 Nos.				
	9 CTs. 800/5A	Fico/Metelx	01 No.				
	10 Auxiliary Contactor	Togami/Hatachi/Eqv.	03 Nos.				
	11 Control MCB S/P	Terasaki/Legrand/Eqv.	03 Nos.				
	12 Auto/Manual Switch.	GGT/Camsco/Eqv.	01 No.				
	13 Surge Suppressors.		45 Nos.				
	14 Exhaust Fan Cassettes.	Imported.	01 No.				
	15 Temperature Regulator 0~60C	Alfa Elec/Finder	01 No.				
5	Supply, installation, testing, commissioning of **DB (SUB MAIN PANEL BOARD FOR ACs) 200A** with Incoming From MDB-1, Indication Lamp, Insturement Protection Fuse, including 160A Main copper bus bar Suitable For Each Phase/Netural & link as per above outgoing circuit breaker, installed in cubicals asambled with SIEMENS, PEMPAK,AREVA,PEL etc. or equivalent make. of 16 SWG miled steel sheet fabricated, Indoor Type, Floor Mounting, Insulation class 600VAC, Incoming/Outgoing connection Top or Bottom as per site requirement, door to body Earth with flexibile copper cable, system voltage 415VAC, 50HZ, 3-Phase 4-Wire, degreased and derusted, zinc phosphated, finished with electro-static powder coating of 80-100 micron thickness in approved colour with hinged door, lockable handle, all live part coverd with safty sheet, internal control & power wiring from protection & power., including cost of all necessary materials complete in all respects. All above ACB/MCCBs/MCBs, Make in Terasaki Japan/Schneider Eu.shall be installed inside the panel having a further M.S. protective sheet and accessible only by opening the front door. All MCCBs shall be rated at 50°C. and shall be of one make only and not to be mixture.			3			
	DB (FOR ACs) 200A (3'*4'*1')						
	Incoming					149313.6	
	1 200A TP MCCB 36KA	Terasaki/Schneider	01 No.			37457.8	
	2 Digital Volt Meter 0~600V	Entes/Schneider	01 No.				
	3 Volt Selector Switch	GGT/Camsco	01 No.				
	4 Digital Ampere Meter 0~200A	Entes/Schneider	01 No.				
	5 Ampere Selector Switch	GGT/Camsco	01 No.				
	6 Current Transformer 200/5A	Fico/Metelx	03 Nos.				
	7 Phase Indication Lamps. (R+Y+B)	Schneider/Himel	03 Nos.				
	8 6A Control MCB for Instrument Protection.	Terasaki/Schneider	03 Nos.				
	OUTGOING						
	1 63A TP MCB 10KA	Terasaki/Schneider	06 Nos.			47986.8	
	2 32A SP MCB 10KA	Terasaki/Schneider	08 Nos.			9091.2	
	3 20A SP MCB 10KA	Terasaki/Schneider	08 Nos.			9091.2	
	100A TP MCCB 36 KA (for existing DBs)	Terasaki/Schneider	03 Nos.			252940.6	758821.8
B	**LT POWER CABLE.**					41003.4	41003.4
	Supply at site, installation, testing and commissioning of PVC insulated PVC sheathed armoured copper conductor cable 600/1000V grade in prelaid conduits/ trenches or on cable traysas as per routes and as per requiremenr discussed with site engineer, including supply and installation of all necessary fixing accessories, connections, identification tages, cables lugs properly crimped, at both ends all respect. Actual length of cables installed shall be measured for payment. Actual length of cables shall be measured at site by contractor before placing the order.						
1.00	400mm sq. 4-Core, PVC/PVC non armored Cable.	Pakistan/Newage/Pioneer		100	rft	14651	1465100
2.00	185mm sq. 4-Core, PVC/PVC non armored Cable.	Pakistan/Newage/Pioneer		~~50~~ 100	rft	6989	~~349450~~ 698900
3.00	120mm sq. 4-Core, PVC/PVC non armored Cable.	Pakistan/Newage/Pioneer		50	rft	4541.35	227067.5
4.00	95mm sq. 4-Core, PVC/PVC non armored Cable.	Pakistan/Newage/Pioneer		250	rft	3605.35	901337.5
5.00	70mm sq. 4-Core, PVC/PVC non armored Cable.	Pakistan/Newage/Pioneer		200	rft	2605.05	521010
6.00	7/1.12 mm (7/0.044"), twin Core, PVC/PVC Cable.(FOR ACs)	Pakistan/Newage/Pioneer		400	rft	128.7	51480
						~~168.85~~ 168.85	202690
	Cable Tray (9" wide)						~~7637940.91~~ 8417078.41

Sub Divisional Officer
Sub ... Tehsil ... Arifwala

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DETAILED ESTIMATE FOR THE COLLECTING TANK SIZE 20' DIA.

1st Bi-Annual 2022

1 Excavation of well in dry upto 20'(6 metre) below ground level, and disposal of soil within one chain (30 metre) in ordinary soil or sand :- from 0' to 5' (o to 1.5 m) depth

3.14 x 25 x 25 x 5 x 0.25 = 2453 Cft

@ 6119.95 %0Cft Rs. 15013

ii from 5.1' to 10' (1.5 to 3.0 metre) depth

3.14 x 25 x 25 x 5 x 0.25 = 2453 Cft

@ 6391.75 %0Cft Rs. 15680

iii from 10.1' to 15' (3.0 to 4.5 metre) depth

3.14 x 25 x 25 x 5 x 0.25 = 2453 Cft

@ 7190.75 %0Cft Rs. 17640

iv from 15.1' to 20' (4.5 metre to 6.0 metre) depth

3.14 x 25 x 25 x 5 x 0.25 = 2453 Cft

@ 8253.25 %0Cft Rs. 20246

2 Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- Ratio 1: 4: 8

3.14 x 25 x 6.25 x 0.75 = 368 Cft

@ 16698.30 %Cft Rs. 61445

3 Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and footing beams, other structural members other than those mentioned in 6(a) (i)&(ii) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- Type C (nominal mix 1: 2: 4)

Base 3.14 x 23.25 x 0.375 x 20 = 548 Cft

Core Wall 3.14 x 25 x 6.25 x 0.5 = 245 Cft

Core Wall 3.14 x 23.25 x 23.25 x 0.125 = 212 Cft

= 1005 Cft

@ 350.30 P.Cft Rs. 352059

4 Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- Type C (nominal mix 1: 2: 4)

3.14 x 23.25 x 0.375 x 20 = 548 Cft

3.14 x 25 x 6.25 x 0.5 = 245 Cft

Total = 793 Cft

@ 471.80 P.Cft Rs. 374067

5 Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- Deformed bars (Grade-40)

108 x 6.125 x 0.677 x 0.454 = 203 Kg

12 x 27.875 x 0.375 x 0.454 = 57 Kg

47 x 20 x 0.667 x 0.454 = 285 Kg

47 x 23.125 x 0.667 x 0.454 = 329 Kg

46 x 23.125 x 0.667 x 0.454 = 322 Kg

Total = 1196 Kg

@ 25937.10 %Kg Rs. 310250

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6 Pacca brick work other than building upto 10ft. (3 m) height cement, sand mortar:- Ratio 1:4

3.14	x	23.25	x	0.75	x	20	=	1095	Cft	
3.14	x	20.00	x	0.375	x	20	=	471	Cft	
						Total	=	1566	Cft	
							@	25808.15	%Cft	Rs. 404175

7 Cement plaster 1:4 upto 20' (6.00 m) height:- ½" (13 mm) thick

3.14	x	20	x	20		=	1256	Sft	
					Total	=	1256	Sft	
						@	2591.50	%Sft	Rs. 32549

8 Providing and fixing 1¼"x1¼"x3/16" (31x31x5 mm) angle iron step, in manhole chambers, including carriage and setting the same in work to correct lines and levels.

1	x	20		=	20	Nos		
			Total	=	20	Nos		
				@	499.85	Each	Rs.	9997

9 Providing and fixing 6" thick R.C.C. manhole cover with tee shaped C.I. frame of 22" I/d (frame weighing 37.324 Kg. or one maund as per Standard Drawing STD/PD No. 6, of 1977, complete in all respect.

=	2	Nos			
@	13403.00	Each	Rs.	26806	

10 P/F of Non Clogging Centrifugal Pump Suction flange 5" i/d, delivery flange 4" i/d with 10 HP electri motor complete in all respect as approve by the engineer incharge.

=	1	Nos		
@	992000	Each	Rs.	992000
		Total:-	**Rs.**	**2631926**

Executive District Officer

Sub Divisional Officer
Buildings Sub Division Arifwala

GENERAL ABSTRACT FOR PRICE VARIATION STATEMENT & AGREEMENT AS PER NOTIFICATION

For Project. REVAMPING OF THQ HOSPITAL ARIFWALA

Sr No.	Description	Rate	Unit	Amount of Price Variation		Remarks.
				Update	Since Previous	
(A)	AS PER CONTRACT AGREEMENT.					
1	Cement.	--	--	514949	--	Above 5%
2	Bricks.	--	--	226496	--	Above 5%
3	Fabrication	--	--	753290	--	Above 5%
4	Diseal.	--	--	4306196	--	Above 5%
5	Labour.	--	--	519386	--	Above 5%
6	Cursh / Bajri.	--	--	65665	--	Above 5%
7	Tile Roofing.	--	--	113546	--	With in 5%
8	M.S Pipe	--	--	475579	--	Above 5%
9	PVC Pipe	--	--	36408	--	Above 5%
10	Sub Base	--	--	25598	--	Above 5%
			Total:-	**7037114**		

Divisional Accounts Officer
Building Division

PRICE VARIATION

1. NAME OF WORK. REVAMPING OF THQ HOSPITAL ARIFWALA

2. NAME OF CONTRACTOR. M/S CH:MUHAMMAD ARSHAD

3. DATE OF TENDER. 10 / 2021

Sr No.	Description	MB No. & Page.	Date	Unit	Qty:	Rate	Cement in Bag	Base Rate	Current Rate	Diff: Rate	%Age	Amount	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Cement.												
1	P/L cement concrete brick ballast 1:6:18.	1585 / 203 P-4	03 / 2022	% Cft	323	5.00	16	675	800	125	18.52%	2019	Above 5%
2	P/L cement concrete brick ballast 1:6:12.	1585 / 203 P-4	03 / 2022	% Cft	299	6.60	20	675	800	125	18.52%	2467	Above 5%
3	Pacca brick work F&P 1:6	1585 / 203 P-8	03 / 2022	% Cft	1741	3.40	59	675	800	125	18.52%	7398	Above 5%
4	P/L D.P.C 1:2:4 (1-1/2" thick)	1585 / 203 P-10	03 / 2022	% Cft	455	2.25	10	675	800	125	18.52%	1260	Above 5%
5	Pacca brick work G.F 1:6	1585 / 203 P-12	03 / 2022	% Cft	1727	3.40	59	675	800	125	18.52%	7340	Above 5%
6	O.H.R	1585 / 203 P-17	04 / 2022	P.Gal	6617	17.60	1165	675	850	175	25.93%	203804	Above 5%
7	Pacca brick work F&P 1:6	1585 / 203 P-23	04 / 2022	% Cft	155	3.40	5	675	850	175	25.93%	922	Above 5%
8	P.C.C 1:2:4	1585 / 203 P-26	04 / 2022	% Cft	27	17.60	5	675	850	175	25.93%	832	Above 5%
9	P/L R.C.C roof slab 1:2:4	1585 / 203 P-31	04 / 2022	P.Cft	129	17.60	23	675	850	175	25.93%	3973	Above 5%
10	Pacca brick work G.F 1:6	1585 / 203 P-32	04 / 2022	% Cft	629	3.40	21	675	850	175	25.93%	3743	Above 5%
11	P/L R.C.C roof slab 1:2:4	1585 / 203 P-36	04 / 2022	P.Cft	581	17.60	102	675	850	175	25.93%	17895	Above 5%
12	Pacca brick work G.F 1:6	1585 / 203 P-37	04 / 2022	% Cft	460	3.40	16	675	850	175	25.93%	2767	Above 5%
13	1/2" thick cement plaster 1:4	1585 / 203 P-37	04 / 2022	% Sft	460	0.71	3	675	850	175	25.93%	572	Above 5%

Sr No.	Description	MB No. & Page.	Date	Unit	Qty:	Rate	Cement in Bag	Base Rate	Current Rate	Diff: Rate	%Age	Amount	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
14	3/8"thick cement plaster 1:3	1585 / 203 P-38	04 / 2022	% Sft	1090	0.88	10	675	850	175	25.93%	1679	Above 5%
15	1/2" thick cement plaster 1:4	1585 / 203 P-39	04 / 2022	% Sft	3310	0.71	24	675	850	175	25.93%	4113	Above 5%
16	Single layer of tiles	1585 / 203 P-40	04 / 2022	% Sft	1297	0.50	6	675	850	175	25.93%	1135	Above 5%
17	Pacca brick work F&P 1:6	1585 / 203 P-43	05 / 2022	% Cft	171	3.40	6	675	850	175	25.93%	1017	Above 5%
18	P.C.C 1:2:4	1585 / 203 P-54	06 / 2022	% Cft	775	17.60	136	675	860	185	27.41%	25234	Above 5%
19	Porcelin tile	1585 / 203 P-55	06 / 2022	P.Sft	5862	1.50	88	675	860	185	27.41%	16267	Above 5%
20	Porcelin tile	1585 / 203 P-56	06 / 2022	P.Sft	5191	1.50	78	675	860	185	27.41%	14405	Above 5%
21	P/L Cermaic Tile Flooring	1585 / 203 P-57	06 / 2022	P.Sft	328	1.50	5	675	860	185	27.41%	910	Above 5%
22	P/L Cermaic Tile Dado	1585 / 203 P-58	06 / 2022	P.Sft	1614	1.50	24	675	860	185	27.41%	4479	Above 5%
23	Single layer of tiles	1585 / 203 P-61	06 / 2022	% Sft	23606	0.50	118	675	860	185	27.41%	21836	Above 5%
24	P/L cement concrete brick ballast 1:6:18.	1585 / 203 P-70	10 / 2022	% Cft	567	5.00	28	675	1000	325	48.15%	9214	Above 5%
25	Pacca brick work F&P 1:6	1585 / 203 P-71	10 / 2022	% Cft	2428	3.40	83	675	1000	325	48.15%	26829	Above 5%
26	P/L D.P.C 1:2:4 (1-1/2" thick)	1585 / 203 P-71	10 / 2022	% Sft	59	2.25	1	675	1000	325	48.15%	431	Above 5%
27	P/L D.P.C 1:2:4 (1-1/2" thick) 2 Coat of bitume	1585 / 203 P-71	10 / 2022	% Sft	368	2.25	8	675	1000	325	48.15%	2691	Above 5%
28	Pacca brick work G.F 1:6	1585 / 203 P-73	10 / 2022	% Cft	1224	3.40	42	675	1000	325	48.15%	13525	Above 5%
29	P/L R.C.C roof slab 1:2:4	1585 / 203 P-74	10 / 2022	P.Cft	9	17.60	2	675	1000	325	48.15%	515	Above 5%
30	Pacca brick work G.F 1:6	1585 / 203 P-74	10 / 2022	% Cft	227	3.40	8	675	1000	325	48.15%	2508	Above 5%
31	P/L R.C.C roof slab 1:2:4	1585 / 203 P-75	10 / 2022	P.Cft	77	17.60	14	675	1000	325	48.15%	4404	Above 5%

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Sr No.	Description	MB No. & Page.	Date	Unit	Qty:	Rate	Cement in Bag	Base Rate	Current Rate	Diff: Rate	%Age	Amount	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
32	Pacca brick work G.F 1:6	1585 / 203 P-75	10 / 2022	% Cft	61	3.40	2	675	1000	325	48.15%	674	Above 5%
33	3/8"thick cement plaster 1:3	1585 / 203 P-76	10 / 2022	% Sft	144	0.88	1	675	1000	325	48.15%	412	Above 5%
34	1/2" thick cement plaster 1:4	1585 / 203 P-76	10 / 2022	% Sft	1720	0.71	12	675	1000	325	48.15%	3969	Above 5%
35	P/L cement concrete brick ballast 1:6:12.	1585 / 203 P-91	11 / 2022	% Cft	954	6.60	63	675	1000	325	48.15%	20463	Above 5%
36	P/L R.C.C roof slab 1:2:4	1585 / 203 P-92	11 / 2022	P.Cft	93	17.60	16	675	1000	325	48.15%	5320	Above 5%
37	Pacca brick work other than building 1:4	1585 / 203 P-92	11 / 2022	% Cft	3228	4.60	148	675	1000	325	48.15%	48259	Above 5%
38	1/2" thick cement plaster 1:4	1585 / 203 P-93	11 / 2022	% Sft	7607	0.71	54	675	1000	325	48.15%	17553	Above 5%
39	P.C.C 1:2:4	1585 / 203 P-94	11 / 2022	% Cft	212	17.60	37	675	1000	325	48.15%	12126	Above 5%
											Total	514949	

PRICE VARIATION

1. NAME OF WORK. REVAMPING OF THQ HOSPITAL ARIFWALA
2. NAME OF CONTRACTOR. M/S CH:MUHAMMAD ARSHAD
3. DATE OF TENDER. 10 / 2021

Sr No.	Description	MB No. & Page.	Date	Unit	Qty:	Conversion	Bricks in Nos.	Base Rate	Current Rate	Diff: Rate	%Age	Amount	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Bricks 9"x4-1/2"x3"	1585 / 203 P-8	03 / 2022	%0 Nos.	1741	1350 / 100	23504	8500	9000	500	5.88%	11752	Above 5%
2	Bricks 9"x4-1/2"x3"	1585 / 203 P-12	03 / 2022	%0 Nos.	1727	1350 / 100	23315	8500	9000	500	5.88%	11657	Above 5%
3	Bricks 9"x4-1/2"x3"	1585 / 203 P-23	04 / 2022	%0 Nos.	155	1350 / 100	2093	8500	9000	500	5.88%	1046	Above 5%
4	Bricks 9"x4-1/2"x3"	1585 / 203 P-32	04 / 2022	%0 Nos.	629	1350 / 100	8492	8500	9000	500	5.88%	4246	Above 5%
5	Bricks 9"x4-1/2"x3"	1585 / 203 P-37	04 / 2022	%0 Nos.	460	1350 / 100	6210	8500	9000	500	5.88%	3105	Above 5%
6	Bricks 9"x4-1/2"x3"	1585 / 203 P-43	05 / 2022	%0 Nos.	171	1350 / 100	2309	8500	9000	500	5.88%	1154	Above 5%
7	Bricks 9"x4-1/2"x3"	1585 / 203 P-71	10 / 2022	%0 Nos.	2428	1350 / 100	32778	8500	10500	2000	23.53%	65556	Above 5%
8	Bricks 9"x4-1/2"x3"	1585 / 203 P-73	10 / 2022	%0 Nos.	1224	1350 / 100	16524	8500	10500	2000	23.53%	33048	Above 5%
9	Bricks 9"x4-1/2"x3"	1585 / 203 P-74	10 / 2022	%0 Nos.	227	1350 / 100	3065	8500	10500	2000	23.53%	6129	Above 5%
10	Bricks 9"x4-1/2"x3"	1585 / 203 P-75	10 / 2022	%0 Nos.	61	1350 / 100	824	8500	10500	2000	23.53%	1647	Above 5%

Sr No.	Description	MB No. & Page.	Date	Unit	Qty:	Conversion	Bricks in Nos.	Base Rate	Current Rate	Diff: Rate	%Age	Amount	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
11	Bricks 9"x4-1/2"x3"	1585 / 203 P-92	11 / 2022	%0 Nos.	3228	1350 / 100	43578	8500	10500	2000	23.53%	87156	Above 5%
											Total:-	226496	

Sub Divisional Officer
Buildings Sub Division Ardwata

PRICE VARIATION

1. NAME OF WORK. REVAMPING OF THQ HOSPITAL ARIFWALA

2. NAME OF CONTRACTOR. M/S CH:MUHAMMAD ARSHAD

3. DATE OF TENDER. 10 / 2021

Sr No.	Description	MB No. & Page.	Date	Unit	Qty:	Conversion	Qty: in Ton	Base Rate	Current Rate	Diff: Rate	%Age	Amount	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Fabrication.												
1	Fabrication of mild steel 40-grade.	1585 / 203 P-17	04 / 2022	% Kg	12500	1000	12.5	162176	200176	38000	23.43%	475000	Above 5%
2	Fabrication of mild steel 40-grade.	1585 / 203 P-30	04 / 2022	% Kg	398	1000	0.398	162176	200176	38000	23.43%	15124	Above 5%
3	Fabrication of mild steel 40-grade.	1585 / 203 P-35	04 / 2022	% Kg	1380	1000	1.38	162176	200176	38000	23.43%	52440	Above 5%
4	Fabrication of mild steel 40-grade.	1585 / 203 P-50	05 / 2022	% Kg	608	1000	0.608	162176	202176	40000	24.66%	24320	Above 5%
5	Fabrication of mild steel 40-grade.	1585 / 203 P-73	10 / 2022	% Kg	40	1000	0.04	162176	226176	64000	39.46%	2560	Above 5%
6	Fabrication of mild steel 40-grade.	1585 / 203 P-75	10 / 2022	% Kg	269	1000	0.269	162176	226176	64000	39.46%	17216	Above 5%
7	Fabrication of mild steel 40-grade.	1585 / 203 P-91	11 / 2022	% Kg	855	1000	0.855	162176	214176	52000	32.06%	44460	Above 5%
8	M.S Section	1585 / 203 P-12	03 / 2022	%0 Kg	112	4.20	0.470	163176	194176	31000	19.00%	14582	Above 5%
9	M.S Section	1585 / 203 P-13	03 / 2022	%0 Kg	54	4.20	0.227	163176	194176	31000	19.00%	7031	Above 5%
10	M.S Section	1585 / 203 P-13	03 / 2022	%0 Kg	96	4.20	0.403	163176	194176	31000	19.00%	12499	Above 5%
11	M.S Tee	1585 / 203 P-12	03 / 2022	%0 Kg	112	2.10	0.235	163176	194176	31000	19.00%	7291	Above 5%

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Sr No.	Description	MB No. & Page.	Date	Unit	Qty:	Conversion	Qty: in Ton	Base Rate	Current Rate	Diff: Rate	%Age	Amount	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
12	M.S Tee	1585 / 203 P-13	03 / 2022	%0 Kg	54	2.10	0.113	163176	194176	31000	19.00%	3515	Above 5%
13	M.S Tee	1585 / 203 P-13	03 / 2022	%0 Kg	96	2.10	0.202	163176	194176	31000	19.00%	6250	Above 5%
14	M.S Tee	1585 / 203 P-62	06 / 2022	%0 Kg	534	2.10	1.121	163176	198176	35000	21.45%	39249	Above 5%
15	M.S Tee	1585 / 203 P-62	06 / 2022	%0 Kg	432	2.10	0.907	163176	198176	35000	21.45%	31752	Above 5%
											Total:-	753290	

Price Variation Diseal

1. NAME OF WORK. REVAMPING OF THQ HOSPITAL ARIFWALA
2. NAME OF CONTRACTOR. M/S CH:MUHAMMAD ARSHAD
3. DATE OF TENDER. 10 / 2021
4. Base Rate. 122.04

Sr No.	Description	M.B No.	Month	Value of Work	Conversion	Base Rate	Current Rate	Difference	% Age	Amount	Remarks
	Diseal										
1	Diseal	1585 / 203	03 / 2022	1193632	0.07 / 122.04	122.04	144.15	22.11	18.12%	15138	Above 5%
2	Diseal	1585 / 203	04 / 2022	27054725	0.07 / 122.04	122.04	144.15	22.11	18.12%	343106	Above 5%
3	Diseal	1585 / 203	05 / 2022	14333865	0.07 / 122.04	122.04	144.15	22.11	18.12%	181781	Above 5%
4	Diseal	1585 / 203	06 / 2022	32384876	0.07 / 122.04	122.04	276.54	154.50	126.60%	2869899	Above 5%
5	Diseal	1585 / 203	10 / 2022	1298788	0.07 / 122.04	122.04	235.30	113.26	92.81%	84374	Above 5%
6	Diseal	1585 / 203	11 / 2022	12497694	0.07 / 122.04	122.04	235.30	113.26	92.81%	811900	Above 5%
									Total:-	4306196	

Sub Divisional Officer
Building Sub Division Arifwala

Price Variation Labour / Diseal

1. NAME OF WORK. REVAMPING OF THQ HOSPITAL ARIFWALA
2. NAME OF CONTRACTOR. M/S CH:MUHAMMAD ARSHAD
3. DATE OF TENDER. 10 / 2021
4. Base Rate. 769/-

Sr No.	Description	M.B No.	Month	Value of Work	Conversion	Base Rate	Current Rate	Difference	% Age	Amount	Remarks
	Labour										
1	Labour	1585 / 203	03 / 2022	1193632	0.15 / 769	769	780	11	1.43%	2561	With in 5%
2	Labour	1585 / 203	04 / 2022	27054725	0.15 / 769	769	780	11	1.43%	58050	With in 5%
3	Labour	1585 / 203	05 / 2022	14333865	0.15 / 769	769	780	11	1.43%	30755	With in 5%
4	Labour	1585 / 203	06 / 2022	32384876	0.15 / 769	769	780	11	1.43%	69486	With in 5%
5	Labour	1585 / 203	10 / 2022	1298788	0.15 / 769	769	962	193	25.10%	48895	Above 5%
6	Labour	1585 / 203	11 / 2022	12497694	0.15 / 769	769	962	193	25.10%	470492	Above 5%
									Total:-	519386	

Price Variation Crush / Bajri

1. NAME OF WORK. REVAMPING OF THQ HOSPITAL ARIFWALA

2. NAME OF CONTRACTOR. M/S CH:MUHAMMAD ARSHAD

3. DATE OF TENDER. 10 / 2021

Base Rate. 3500/-

Sr No.	Description	M.B No.	Month	Qty: Paid	Conversion	Qty:	Base Rate	Current Rate	Difference	% Age
1	Crush / Bajri.	1585 / 203 P-17	04 / 2022	5800	88 / 100	5104	3500	4200	700	20.00%
2	Crush / Bajri.	1585 / 203 P-26	04 / 2022	27	88 / 100	24	3500	4200	700	20.00%
3	Crush / Bajri.	1585 / 203 P-31	04 / 2022	129	88 / 100	114	3500	4200	700	20.00%
4	Crush / Bajri.	1585 / 203 P-36	04 / 2022	581	88 / 100	511	3500	4200	700	20.00%
5	Crush / Bajri.	1585 / 203 P-54	06 / 2022	775	88 / 100	682	3500	4800	1300	37.14%
6	Crush / Bajri.	1585 / 203 P-74	10 / 2022	9	88 / 100	8	3500	5200	1700	48.57%
7	Crush / Bajri.	1585 / 203 P-75	10 / 2022	77	88 / 100	68	3500	5200	1700	48.57%
8	Crush / Bajri.	1585 / 203 P-92	11 / 2022	93	88 / 100	82	3500	5200	1700	48.57%
9	Crush / Bajri.	1585 / 203 P-94	11 / 2022	212	88 / 100	187	3500	5200	1700	48.57%
10	Crush / Bajri.	1585 / 203 P-94	11 / 2022	714	88 / 100	628	3500	5200	1700	48.57%
										Total:-

Sub Divisional Officer
Buildings Sub Division Arifwala

PRICE VARIATION

1. NAME OF WORK. REVAMPING OF THQ HOSPITAL ARIFWALA

2. NAME OF CONTRACTOR. M/S CH:MUHAMMAD ARSHAD

3. DATE OF TENDER. 10 / 2021

Sr No.	Description	MB No. & Page.	Date	Unit	Qty:	Conversion	Bricks in Nos.	Base Rate	Current Rate	Diff: Rate	%Age	Amount	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Tiles 9"x4-1/2"x1-1/2"	1585 / 203 P-40	04 / 2022	%0 Nos.	1297	355 / 100	4604	8000	9000	1000	12.50%	4604	Above 5%
2	Tiles 9"x4-1/2" x1-1/2"	1585 / 203 P-61	06 / 2022	%0 Nos.	23606	355 / 100	83801	8000	9300	1300	16.25%	108942	Above 5%
											Total:-	113546	

Sub Divisional Officer
Buildings Sub Division Arifwala

PRICE VARIATION

1. NAME OF WORK. REVAMPING OF THQ HOSPITAL ARIFWALA
2. NAME OF CONTRACTOR. M/S CH:MUHAMMAD ARSHAD
3. DATE OF TENDER. 10 / 2021

Sr No.	Description	MB No. & Page.	Date	Unit	Qty:	Base Rate	Current Rate	Diff: Rate	%Age	Amount	Remarks
1	2	3	4	5	6	9	10	11	12	13	14
	M.S PIPE										
1	M.S Blind pipe 6" dia	1585 / 203 P-47	05 / 2022	P.Rft	250	1195	1554	359	30.04%	89750	Above 5%
2	M.S Blind pipe 12" dia	1585 / 203 P-47	05 / 2022	P.Rft	150	2532	3292	760	30.02%	114000	Above 5%
3	M.S Blind pipe 4" dia	1585 / 203 P-47	05 / 2022	P.Rft	300	476	618	142	29.83%	42600	Above 5%
4	M.S Blind pipe 4" dia	1585 / 203 P-66	06 / 2022	P.Rft	1001	476	618	142	29.83%	142142	Above 5%
5	G.I pipe 2"dia	1585 / 203 P-66	06 / 2022	P.Rft	1001	273	360	87	31.87%	87087	Above 5%
									Total:-	475579	

Sub Divisional Officer
Buildings Sub Division Arifwala

PRICE VARIATION

1. NAME OF WORK. REVAMPING OF THQ HOSPITAL ARIFWALA
2. NAME OF CONTRACTOR. M/S CH:MUHAMMAD ARSHAD
3. DATE OF TENDER. 10 / 2021

Sr No.	Description	MB No. & Page.	Date	Unit	Qty:	Base Rate	Current Rate	Diff: Rate	%Age	Amount	Remarks
1	2	3	4	5	6	9	10	11	12	13	14
	PVC PIPE										
1	PVC PIPE 3/4" DIA.	1585 / 203 P-79	11 / 2022	P.Rft	285	50	68	18	36.00%	5130	Above 5%
2	PVC PIPE 1" DIA.	1585 / 203 P-78	11 / 2022	P.Rft	590	62	85	23	37.10%	13570	Above 5%
3	PPRC Pipe 32mm dia	1585 / 203 P-86	11 / 2022	P.Rft	968	62	68	6	9.68%	5808	Above 5%
4	PPRC Pipe 25mm dia	1585 / 203 P-87	11 / 2022	P.Rft	340	50	85	35	70.00%	11900	Above 5%
									Total:-	36408	

Sub Divisional Officer
Buildings Sub Division Arifwala

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Price Variation Crush / Bajri

1. NAME OF WORK. REVAMPING OF THQ HOSPITAL ARIFWALA
2. NAME OF CONTRACTOR. M/S CH:MUHAMMAD ARSHAD
3. DATE OF TENDER. 10 / 2021

Base Rate. 3500/-

Sr No.	Description	M.B No.	Month	Qty: Paid	Base Rate	Current Rate	Difference	% Age	Amount
1	Sub Base	1585 / 203 P-25	04 / 2022	1619	800	1500	700	87.50%	11333
2	Sub Base	1585 / 203 P-44	05 / 2022	1443	800	1500	700	87.50%	10101
3	Sub Base	1585 / 203 P-98	11 / 2022	347	800	2000	1200	150.00%	4164
								Total:-	25598

Sub Divisional Officer
Buildings Sub Division Arifwala

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PRICE VARIATION

1. NAME OF WORK. REVAMPING OF THQ HOSPITAL ARIFWALA
2. NAME OF CONTRACTOR. M/S CH:MUHAMMAD ARSHAD
3. DATE OF TENDER. 10 / 2021

Sr No.	Description	MB No. & Page.	Date	Unit	Qty:	Rate	Amount
1	2	3	4	5	6	7	8
	Disel / Labour.						
1	Excavation in foundaiton.	1585 / 203 P-2	03 / 2022	%0 Cft	2291	8078.40	18508
2	Spryaing Anti Termite	1585 / 203 P-3	03 / 2022	P.Sft	1460	9.50	13870
3	P/L cement concrete brick ballast 1:6:18.	1585 / 203 P-4	03 / 2022	% Cft	323	12661.50	40897
4	P/L cement concrete brick ballast 1:6:12.	1585 / 203 P-4	03 / 2022	% Cft	299	14695.17	43939
5	Pacca brick work F&P 1:6	1585 / 203 P-8	03 / 2022	% Cft	1741	24809.17	431928
6	P/L D.P.C 1:2:4 (1-1/2" thick)	1585 / 203 P-10	03 / 2022	% Cft	455	6942.74	31589
7	Pacca brick work G.F 1:6	1585 / 203 P-12	03 / 2022	% Cft	1727	26678.78	460743
8	P/F of M.S chowkat	1585 / 203 P-12	03 / 2022	P.Sft	112	300.00	33600
9	P/F of m.s box section window	1585 / 203 P-13	03 / 2022	P.Sft	54	700.00	37800
10	P/F of steel window z section	1585 / 203 P-13	03 / 2022	P.Sft	96	841.24	80759
						Total	1193632
1	Supply of razor cut wire	1585 / 203 P-14	04 / 2022	P.Rft	96	841.24	80759
2	Fiber glass shed	1585 / 203 P-15	04 / 2022	P.Sft	5684	560.45	3185598
3	P/F of filtration plant	1585 / 203 P-15	04 / 2022	Each	1	1250000	1250000
4	P/F of street light	1585 / 203 P-16	04 / 2022	Each	30	65000	1950000
5	O.H.R	1585 / 203 P-17	04 / 2022	P.Gal	10000	360	3600000
6	S/E of cable 19/0.83	1585 / 203 P-17	04 / 2022	P.Rft	2000	2605.05	5210100
7	S/E of cable 37/0.103	1585 / 203 P-17	04 / 2022	P.Rft	550	7300.01	4015006
8	S/E of cable 19/0.52	1585 / 203 P-18	04 / 2022	P.Rft	950	1039.64	987658
9	Aluminuem door	1585 / 203 P-19	04 / 2022	P.Sft	850	700.00	595000
10	Aluminuem window	1585 / 203 P-20	04 / 2022	P.Sft	3708	700.00	2595600
11	Excavation in foundaiton.	1585 / 203 P-22	04 / 2022	%0 Cft	121	8078.40	977
12	Dry rammed brick ballast	1585 / 203 P-23	04 / 2022	% Cft	81	4673.93	3786
13	Pacca brick work F&P 1:6	1585 / 203 P-23	04 / 2022	% Cft	155	24809.17	38454
14	p/L Sub Base Course	1585 / 203 P-25	04 / 2022	% Cft	1619	15331.10	248211

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Sr No.	Description	MB No. & Page.	Date	Unit	Qty:	Rate	Amount
1	2	3	4	5	6	7	8
15	Tuff Paver	1585 / 203 P-26	04 / 2022	P.Sft	3238	159.97	517983
16	P.C.C 1:2:4	1585 / 203 P-26	04 / 2022	% Cft	27	30205.43	8155
17	Car Parking Shed	1585 / 203 P-26	04 / 2022	Each	2120	560	1188154
18	Fabrication of mild steel 40-grade.	1585 / 203 P-30	04 / 2022	% Kg	398	27091.30	107823
19	P/L R.C.C roof slab 1:2:4	1585 / 203 P-31	04 / 2022	P.Cft	129	492.80	63571
20	Pacca brick work G.F 1:6	1585 / 203 P-32	04 / 2022	% Cft	629	26678.78	167810
21	Fabrication of mild steel 40-grade.	1585 / 203 P-35	04 / 2022	% Kg	1380	27091.30	373860
22	P/L R.C.C roof slab 1:2:4	1585 / 203 P-36	04 / 2022	P.Cft	581	492.80	286317
23	Pacca brick work G.F 1:6	1585 / 203 P-37	04 / 2022	% Cft	460	26678.78	122722
24	1/2" thick cement plaster 1:4	1585 / 203 P-37	04 / 2022	% Sft	460	2706.82	12451
25	3/8"thick cement plaster 1:3	1585 / 203 P-38	04 / 2022	% Sft	1090	2955.85	32219
26	1/2" thick cement plaster 1:4	1585 / 203 P-39	04 / 2022	% Sft	3310	2706.82	89596
27	Single layer of tiles	1585 / 203 P-40	04 / 2022	% Sft	1297	9700.00	125809
28	Dismentaling of glazed tiles	1585 / 203 P-42	04 / 2022	% Sft	9765	2018.50	197107
						Total	27054725
1	Excavation in foundaiton.	1585 / 203 P-42	05 / 2022	%0 Cft	44	8078.40	355
2	Dry rammed brick ballast	1585 / 203 P-43	05 / 2022	% Cft	19	4673.93	888
3	Pacca brick work F&P 1:6	1585 / 203 P-43	05 / 2022	% Cft	171	24809.17	42424
4	Filling earth lead upto 3 mile	1585 / 203 P-43	05 / 2022	%0 Cft	9382	14270.25	133883
5	p/L Sub Base Course	1585 / 203 P-44	05 / 2022	% Cft	1443	15331.10	221228
6	Tuff Paver	1585 / 203 P-45	05 / 2022	P.Sft	2887	159.97	461833
7	Direct Rotery Reserve Rotery	1585 / 203 P-46	05 / 2022	P.Rft	250	663.47	165868
8	Direct Rotery Reserve Rotery	1585 / 203 P-46	05 / 2022	P.Rft	250	663.47	165868
9	Brass Strainer 8"dia	1585 / 203 P-47	05 / 2022	P.Rft	100	6376.67	637667
10	M.S Blind Pipe 8"dia	1585 / 203 P-47	05 / 2022	P.Rft	250	2379.20	594800
11	M.S Blind Pipe 12"dia	1585 / 203 P-47	05 / 2022	P.Rft	150	4075.01	611252
12	M.S Blind Pipe 4"dia	1585 / 203 P-47	05 / 2022	P.Rft	300	867.77	260331
13	Shrouding with pea grival	1585 / 203 P-48	05 / 2022	P.Cft	726	128.32	93160
14	Testing & developing	1585 / 203 P-48	05 / 2022	P.Hour	72	1540.85	110941

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Sr No.	Description	MB No. & Page.	Date	Unit	Qty:	Rate	Amount
1	2	3	4	5	6	7	8
15	Sluice valve 6"dia	1585 / 203 P-49	05 / 2022	Each	1	26271.47	26271
16	Built box	1585 / 203 P-49	05 / 2022	Each	1	27131.04	27131
17	Fabrication of mild steel 40-grade.	1585 / 203 P-50	05 / 2022	% Kg	608	27091.30	164715
18	Vertical Turbine	1585 / 203 P-51	05 / 2022	Each	1	2452000	2452000
19	Porcelin tile	1585 / 203 P-51	05 / 2022	P.Sft	32653	250.00	8163250
						Total	14333865
1	P.C.C 1:2:4	1585 / 203 P-54	06 / 2022	% Cft	775	30205.43	234092
2	Porcelin tile	1585 / 203 P-55	06 / 2022	P.Sft	5862	315.70	1850633
3	Porcelin tile	1585 / 203 P-56	06 / 2022	P.Sft	5191	315.70	1638799
4	P/L Cermaic Tile Flooring	1585 / 203 P-57	06 / 2022	P.Sft	328	211.72	69444
5	P/L Cermaic Tile Dado	1585 / 203 P-58	06 / 2022	P.Sft	1614	218.98	353434
6	Dismentaling of 2nd class tile roofing	1585 / 203 P-59	06 / 2022	%Sft	23606	1029.60	243047
7	P/L of insullaiton material sheet	1585 / 203 P-60	06 / 2022	%Sft	23606	11383.80	2687260
8	Single layer of tiles	1585 / 203 P-61	06 / 2022	% Sft	23606	9700.00	2289782
9	P/L False Ceiling Gypsuim	1585 / 203 P-61	06 / 2022	P.Sft	5862	83.05	486839
10	Removing of window	1585 / 203 P-62	06 / 2022	Each	30	283.15	8495
11	P/F of M.S Grill	1585 / 203 P-62	06 / 2022	P.Sft	534	400.00	213600
12	P/F of M.S Grill	1585 / 203 P-62	06 / 2022	P.Sft	432	450.00	194400
13	S/E of LED light 45"watt	1585 / 203 P-63	06 / 2022	Each	350	6500.00	2275000
14	PVC Door	1585 / 203 P-63	06 / 2022	P.Sft	875	800.00	700000
15	Supply of razor cut wire	1585 / 203 P-64	06 / 2022	P.Rft	1000	841.24	841240
16	Fiber glass shed	1585 / 203 P-64	06 / 2022	P.Sft	1484	560.45	831708
17	Rcc pipe 24"dia	1585 / 203 P-65	06 / 2022	P.Rft	1304	1554.69	2027316
18	Rcc pipe 12"dia	1585 / 203 P-65	06 / 2022	P.Rft	1200	665.40	798480
19	Rcc pipe 9"dia	1585 / 203 P-65	06 / 2022	P.Rft	1904	436.70	831477
20	M.S Blind Pipe 4"dia	1585 / 203 P-66	06 / 2022	P.Rft	1001	687.45	688137
21	G.I pipe 2"dia	1585 / 203 P-66	06 / 2022	P.Rft	1001	500.00	500500
22	Porcelin tile	1585 / 203 P-67	06 / 2022	P.Sft	42699	250.00	10674750
23	P/L False Ceiling Gypsuim	1585 / 203 P-67	06 / 2022	P.Sft	23437	83.05	1946443

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Sr No.	Description	MB No. & Page.	Date	Unit	Qty:	Rate	Amount
1	2	3	4	5	6	7	8
						Total	3238487
1	Excavation in foundaiton.	1585 / 203 P-69	10 / 2022	%0 Cft	2016	8078.40	16286
2	P/L cement concrete brick ballast 1:6:18.	1585 / 203 P-70	10 / 2022	% Cft	567	12661.50	71791
3	Pacca brick work F&P 1:6	1585 / 203 P-71	10 / 2022	% Cft	2428	24809.17	602367
4	P/L D.P.C 1:2:4 (1-1/2" thick)	1585 / 203 P-71	10 / 2022	% Sft	59	6942.74	4096
5	P/L D.P.C 1:2:4 (1-1/2" thick) 2 Coat of bitume	1585 / 203 P-71	10 / 2022	% Sft	368	6510.40	23958
6	Pacca brick work G.F 1:6	1585 / 203 P-73	10 / 2022	% Cft	1224	26678.78	326548
7	Fabrication of mild steel 40-grade.	1585 / 203 P-73	10 / 2022	% Kg	40	27091.30	10837
8	P/L R.C.C roof slab 1:2:4	1585 / 203 P-74	10 / 2022	P.Cft	9	492.80	4435
9	Pacca brick work G.F 1:6	1585 / 203 P-74	10 / 2022	% Cft	227	26678.78	60561
10	Fabrication of mild steel 40-grade.	1585 / 203 P-75	10 / 2022	% Kg	269	27091.30	72876
11	P/L R.C.C roof slab 1:2:4	1585 / 203 P-75	10 / 2022	P.Cft	77	492.80	37946
12	Pacca brick work G.F 1:6	1585 / 203 P-75	10 / 2022	% Cft	61	26678.78	16274
13	3/8"thick cement plaster 1:3	1585 / 203 P-76	10 / 2022	% Sft	144	2955.85	4256
14	1/2" thick cement plaster 1:4	1585 / 203 P-76	10 / 2022	% Sft	1720	2706.82	46557
						Total	1298788
1	PVC PIPE 1"Dia	1585 / 203 P-78	11 / 2022	P.Rft	590	84.03	49578
2	PVC PIPE 3/4"Dia	1585 / 203 P-79	11 / 2022	P.Rft	285	72.49	20660
3	Single core cable 3/0.29	1585 / 203 P-82	11 / 2022	P.Rft	4052	21.88	88658
4	Single core cable 7/0.29	1585 / 203 P-83	11 / 2022	P.Rft	2118	34.47	73007
5	Single core cable 7/0.44	1585 / 203 P-84	11 / 2022	P.Rft	3456	63.30	218765
6	PPRC pipe 32mm dia	1585 / 203 P-86	11 / 2022	P.Rft	968	89.62	86752
7	PPRC pipe 25mm dia	1585 / 203 P-87	11 / 2022	P.Rft	340	55.93	19016
8	Water closet	1585 / 203 P-87	11 / 2022	Each	10	10000.00	100000
9	Glazed earthen ware combined set	1585 / 203 P-87	11 / 2022	Each	3	30000.00	90000
10	Fluching cistern 3 gallon capacity	1585 / 203 P-87	11 / 2022	Each	10	8000.00	80000
11	Wash hand basin	1585 / 203 P-88	11 / 2022	Each	11	3726.67	40993
12	Shower set	1585 / 203 P-88	11 / 2022	Each	9	6769.98	60930
12	Excavation of well	1585 / 203 P-89	11 / 2022	%ocft	1005	7272.55	7309

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Sr No.	Description	MB No. & Page.	Date	Unit	Qty:	Rate	Amount
1	2	3	4	5	6	7	8
13	Excavation of well	1585 / 203 P-89	11 / 2022	%ocft	1005	7272.55	7309
14	Excavation of well	1585 / 203 P-90	11 / 2022	%ocft	1005	7272.55	7309
15	Excavation of open cutting for sewer	1585 / 203 P-90	11 / 2022	%ocft	73619	7296.18	537137
16	P/L cement concrete brick ballast 1:6:12.	1585 / 203 P-91	11 / 2022	% Cft	954	14695.17	140192
17	Fabrication of mild steel 40-grade.	1585 / 203 P-91	11 / 2022	% Kg	855	27091.30	231631
18	P/L R.C.C roof slab 1:2:4	1585 / 203 P-92	11 / 2022	P.Cft	93	492.80	45830
19	Pacca brick work other than building 1:4	1585 / 203 P-92	11 / 2022	% Cft	3228	26956.61	870159
20	1/2" thick cement plaster 1:4	1585 / 203 P-93	11 / 2022	% Sft	7607	2706.82	205908
21	P.C.C 1:2:4	1585 / 203 P-94	11 / 2022	% Cft	212	30205.43	64036
22	P/L Cruss	1585 / 203 P-94	11 / 2022	% Cft	1714	15331.00	262773
23	Rcc pipe 24"dia	1585 / 203 P-94	11 / 2022	P.Rft	872	1554.69	1355690
24	Rcc pipe 12"dia	1585 / 203 P-94	11 / 2022	P.Rft	2407	665.40	1601618
25	Rcc pipe 9"dia	1585 / 203 P-94	11 / 2022	P.Rft	1378	436.70	601773
26	Rehandling of earth work	1585 / 203 P-95	11 / 2022	%ocft	53130	2150.83	114274
27	BDB	1585 / 203 P-96	11 / 2022	Each	1	94023.59	94024
28	BDB	1585 / 203 P-96	11 / 2022	Each	3	437777.76	1313333
27	BDB SUB Station	1585 / 203 P-97	11 / 2022	Each	1	3333000	3333000
28	Man hole cover	1585 / 203 P-97	11 / 2022	Each	51	9638.54	491656
29	p/L Sub Base Course	1585 / 203 P-98	11 / 2022	% Cft	347	15331.10	53199
30	Tuff Paver	1585 / 203 P-99	11 / 2022	P.Sft	693	159.97	110859
31	Marble full width	1585 / 203 P-100	11 / 2022	P.Sft	326	369.35	120408
						Total	12497694

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:LO21010520
A/C To be Credited: Account-I

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:LO21010520
A/C To be Credited: Account-I

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. Gymea 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

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

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.

11.2 ENVIRONMENTAL IMPACT ANALYSIS

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

undefined

11.4 ECONOMIC ANALYSIS

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.

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

12.2 RESULT BASED MONITORING (RBM) INDICATORS

.

12.3 IMPLEMENTATION PLAN

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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

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12.6 PROCUREMENT PLAN

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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:

Designation: Project Director, PMU P&SHD

Email:

Tel. No.:042-99231206

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 THQ, Arifwala (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.

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17. RELATION WITH OTHER PROJECTS

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	
Inculsion/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 rist 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 committiees?	NO	
2b	if yes, is there a provision to ensure representation of women in these committees?	NO	