PC-1

Revamping of THQ Hospital, Yazman District Bahawalpur

ORIGINAL APPROVED COST	PKR Million. 323.119/-
ORIGINAL APPROVED GESTATION	**72 Months** **Till June 2025**
APPROVAL FORUM	**DDSC (DDSC)**

1. NAME OF THE PROJECT

Revamping of THQ Hospital, Yazman District Bahawalpur

2. LOCATION OF THE PROJECT

2.1. DISTRICT(S)

I. BAHAWALPUR

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, District Health Councils and C&W Department.
	3.3 Operation & Maintenance	PMU for Revamping Program of Primary and Secondary Healthcare Department and District Health Authority
	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	**Proposed Allocation:**0.000
3	**GS No:**5300
4	**Total Allocation:**0.000
5	**Funds Diverted:**0.000
6	**Balance Funds:**0.000
7	**Comments:** Funded out of block provision reflected at G.S No.658 with an allocation of Rs. 1,800 million (Capital = Rs. 1,300 Million & Revenue = Rs. 500 Million).

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 Government of the Punjab has decided to launch massive revamping of 40 THQ & DHQ Hospitals in the financial year 2016-17 along with revamping of emergencies of 15 selected THQs and emergencies of all Hospitals. In addition to that, Government has assigned the task of revamping of all remaining 85 THQ Hospitals of Punjab during 2017-18. The Project Management Unit, Revamping Program, Primary and Secondary Healthcare Department has started the 2nd Phase of the said revamping program in September, 2017.

5.1 Background of Primary & Secondary Healthcare Department

Effective primary and secondary healthcare is particularly important in resource-poor countries. Effective delivery of vaccinations, maternal and child care (MCH) and treatment of common pathologies (such as malaria, gastroenteritis, respiratory tract infections and other vector borne diseases) is essential for the achievement of Sustainable Development Goals (SDGs). Effective diagnostic triage, an organized system of prescription and queue management, an effective and stringent sterilization regime, quality nursing and consultant care, implementation of minimum service delivery standards (MSDS) and delivery of care for chronic pathologies lie at the center for the provision of universal health care at a cost that the community can afford as envisaged in domains established by the 1978 Alma-Ata Declaration of WHO. Primary care serves as the cornerstone for building a strong healthcare system that ensures positive health outcomes and health equity. The deficiencies in quality of care represent neither the failure of professional compassion nor necessarily a lack of resources rather, they result from gaps in knowledge, inappropriate applications of available technology and unstructured planning. Local health care systems in our setup have practically not been able to implement department's objectives. Result is continuous lack of quality improvement to lower health outcomes.

Quality health care is actually provision of health care by timely, 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 (system wide microscopy for diagnosing tuberculosis, for example); stopping overuse of some care (prenatal ultrasonography or unnecessary injections, for example); and ending misuse of unneeded services (such as unnecessary hysterectomies or antibiotics for viral infections). 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 health care, The Government of Punjab is dedicated in making strenuous efforts for ensuring 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, a separate department was created by bifurcating the Health department into two departments Specialized Health Care & Medical Education Department and Primary & Secondary Health Care (P&SH) Department. The principle reason for bifurcation has been to improve governance and service delivery in the spheres of health care across the province. Primary and Secondary Health Care Department has been entrusted the responsibility of primary and secondary level health facilities including preventive health services and Vertical Programs. P&SH Department accordingly has its functional responsibility in respect of 26 District Headquarter Hospitals (DHQs), 129 Tehsil Headquarter Hospitals (THQs), 322 Rural Health Centers (RHCs) and 2,504 Basic Health Units (BHUs). Moreover, specialized programs like Expanded Program for Immunization (EPI), TB Control (DOTS), Hepatitis Control Programs as well as special campaigns such as Dengue Campaign, Polio Eradication Campaigns also fall in purview of the department. The establishments like Director General Health Services (DGHS), Drug Testing Labs (DTLs) and Bio-medical Engineering Workshops also assist the department in discharge of its functions efficiently. Establishment of Internal delivery Unit at Primary and Secondary Health Care Department has been aimed for institutional strengthening and capacity building of Primary and Secondary Health Care Department. Monitoring and follow up remains one of key ingredients for good governance and is at heart of all management models. Therefore, an Internal Delivery Unit, comprising well qualified and experienced persons, is being established within P&SH Department. Internal Delivery Unit shall be manned with qualified and experienced consultants. Internal Delivery Unit shall be responsible for every such task needed to strengthen the PSHD which may range from operational matters to monitoring e.g. tracking pace of all initiatives of the Department through the process such as tracking procurement of medicines by districts, procurement of vaccine by Director EPI, pace of various development schemes and performance of Drug Testing & Bio-mechanical Labs etc.

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.

Due to lack of structured planning and monitoring, previous efforts did not materialize into an integrated health care regime, rather these have resulted in

haphazard construction, poor repair and maintenance, lack of basic amenities, absence of waiting areas, substandard diagnostics and therapeutics, shabby outlook and suboptimal level of patient care over all. Such state of affairs has severely jolted level of trust in health care system by common man and hence the patients prefer to visit tertiary level hospitals or even private health facilities for treatment of even very common pathologies. This subsequently has a cascade effect on socioeconomics of common man who has to spend more in shape of travelling from villages to district headquarters and then bearing costs of private treatment, secondly, this has also increased disease load on our tertiary health care establishments.

Keeping in view this importance of primary and secondary health care, the department decided to launch massive revamping program for all DHQs and THQs all over the Punjab.

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

In order to successfully complete the program objectives in the given timeframe, it is imperative to establish a dedicated Program Management Unit (PMU) having technical and administrative expertise and autonomy, as the regular machinery of the department is too busy with the routine work and cannot successfully steer the program. The PMU is responsible for the successful implementation of the Revamping Program through completion of all related projects. After the implementation of all these projects, the Primary & Secondary Healthcare network will be improved. The PMU shall ensure that the DHQ & THQ hospitals have a well-constructed physical infrastructure with vibrant management model for efficient service delivery and improved processes to focus on patient distress in prompt manner. It adheres to Minimum Service Delivery Standards (MSDS) to address the patients' needs in the most efficient and systematic manner.

In this regard, a dedicated team of Project Management Unit (PMU) has been established to execute the project. PMU's office is located at 31-E/1, Shahrah-e-Imam Hussain, Gulberg-III, near Qaddaffi stadium, Lahore. It is headed by a Project Director with a committed team comprising of Deputy Project Director, Finance and Administration, ICT), Project Managers, Project Officers, Engineers, supporting administrative and technical staff, experienced and qualified Health consultants., Directors (Operations, Human Resource & Planning and infrastructure, Outsourcing) as well as Procurement Specialist.

5.3 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 four categories

5.3.1 External Development

5.3.2 Internal Development

5.3.3 Medical Infrastructure Development

5.3.4 Emergencies Development

5.3.1 External Development

5.3.1.1 External Platforms

In order to improve the communication between blocks, necessary interventions are taken to improve the existing internal metaled road network. Moreover, new internal metaled road network is also designed and proposed to access the blocks of hospital accordingly. Despite the improvement in metaled road network, external platforms except metaled road is also designed and proposed for patients to access the blocks by simply walking among the blocks.

5.3.1.2 Façade Improvement

In order to improve the aesthetics of hospital, façade uplift with aluminum composite panels with aluminum cladding, false steel structures, façade aluminum windows and aluminum doors are designed in order to give the feel of modern architectural era.

5.3.1.3 Sewerage System

The most important entity of a hospital lies in its cleanliness. Infrastructural interventions to keep the hospital clean were taken in the form of improvement of sewerage system of the hospital. 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 Landscaping (Horticulture)

Landscaping in hospital adds aesthetic & beauty to the built environment as well as improves in reducing the pollution. Soft & hard landscape reduces dust particles moment in air, hence contributes in a clean environment. The hours spent

in a hospital can be stressful for patients, staff and visitors. According to research easy access to a natural environment can contribute to stress management and potentially improve health outcomes: physiological studies indicate that 3-5 minutes spent in such Hospital Outdoor Landscape Design environments reduces anger, anxiety and pain and induces relaxation. Research also shows that "positive distractions" can reduce stress and their visual forms include gardens, scenic views and artwork, which play a critical role in modern hospital design: gardens, fountains, and water features provide patients, staff and visitors with restorative experiences of nature. In this regard complete lawns development, placement of benches, dust bins, playing equipment, fruit trees, flower plants, fruit trees and gazebos are proposed in all hospitals under revamping program

5.3.1.5 Water Filtration Plant

In the modern era, the access to clean water for everyone is becoming rare day by day. Especially in hospitals, the supply of water free from any harmful impurity is one of the most basic needs. To cope up with this problem water filtration system according to the existing nature of water is designed and water filtration plant is proposed accordingly. For ease of patients, drinking water supply network was designed to provide filtered water in wards and in various drinking stations within the hospital building

5.3.1.6 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.

5.3.1.7 Parking and Waiting area

Non-clinical facilitation of patients and attendants were specially considered in the revamping program. One such facilitation step is designing the parking and waiting areas on basis of daily influx of vehicles and patients/attendants during the

peak hours. <u>Parking and waiting areas</u> on several places of hospital were then proposed according to the design.

5.3.1.8 External Signage

<u>Eexternal signage system</u> is designed including various signage types for complete guidance of patient attendants and to search concerned facility promptly.

5.3.2 Internal development

5.3.2.1 Aesthetic improvement

In order to improve the aesthetics of hospital wards, corridors, rooms and toilet blocks, flooring and dado design of suitable material in these areas is proposed. Despite of aesthetics, the material of flooring and dado design were chosen to provide ease in cleaning process. For further improvement in aesthetics, paint on exterior and interior part of the hospital, poly-vinyl chloride paneling to conceal the dampness damaged areas and steel cladding of columns are proposed.

5.3.2.2 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.

5.3.2.3 Seamless flooring and Lead Lining

To keep high risk areas like Operation theaters, I.C.U, C.C.U, 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 X-Ray rooms radio-resistant and to keep the patients away from the harm of rays, interventions are taken in X-ray rooms 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 X-Ray rooms.

5.3.2.4 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.

5.3.2.5 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.

5.3.2.6 Facilitation of attendants and patients

The facilitation of attendants is also one of the most basic things to be provided in the hospital. The facilitation of attendants contributes towards the facilitation of patients. In order to facilitate the attendants, pantries are designed at that location of hospital where attendants can be effectively facilitated. These pantries include stoves and washing machines. Moreover, it is also very important to educate the patients and attendants regarding the seasonal and general diseases along with its cure and prevention. Installation of LED televisions in various locations of hospitals especially in wards and waiting areas is also proposed in the design in this regard.

5.3.2.7 Furniture and Fixtures

One more step towards the facilitation of attendants or patients is placement of benches in waiting areas. The most rush positions of hospital are chosen in this regard and placement of benches is designed according to the patient number and flow. In order to improve the efficiency of consultants or doctors, interventions regarding the renovations of doctor or consultant office are designed in this regard. The doctor room furniture is designed for this purpose keeping in view the existing area of room and necessary required equipment. To carry and dispose of the medical and general waste material of hospital, waste bin sets are designed to place at various positions of the hospital. These positions are marked by keeping in view the general circulation of the public and sensitivity of the area.

5.3.2.8 Air Conditioners, Refrigerators and LEDs

According to the different standards, there is a separate requirement of temperature to control the environment of particular place with respect to the nature of facility. In this regard, air conditioners are proposed according to the required tonnage of the specific area. For better efficiency and performance delivery, cabinet air conditioners are proposed in the wards and other facilities having larger areas. The maintenance and repair services of these air conditioners are outsourced so that uninterrupted performance can be delivered. For further facilitation of patients and attendants, placement of refrigerator is proposed on each nursing counter. These refrigerators are proposed for items requiring specific temperature for storage purposes. LEDs will also be placed at various points to facilitate the patients and attendants.

5.3.2.9 Internal Signage and Paintings

As described earlier, the information regarding the positions of major health facility especially emergency and labor room etc. is very much essential for any person entering inside the covered area of hospital. For these purposes, different types of signage are proposed including corridor hanging signage, floor map boards, room numbers and room names plaques. For general information duty rooster boards, janitorial station signage, waste bin set signage, emergency exit signage.

Different kinds of paintings are designed according to the nature of area where it is desired to be fixed. These paintings are beneficial in a sense that it improves the aesthetics of hospital and moreover, such painting patterns are designed so that it give the relaxation and soothing feelings to aid in the healing of patients. Moreover, in order to create a healthy, positive, entertaining and friendly environment for interest of children, paintings on children wards is proposed.

5.3.3 Medical Infrastructure Development

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.

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 <u>Emergency Department:</u>

All THQS and DHQs are already providing emergency services to critical ill patients. As far 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.

5.3.3.1.1 <u>General Overview of Emergency Department</u>

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:

5.3.3.1.2 <u>Position of Emergency Department</u>

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. The far positioning of emergency department will result the lost in time for patient during its travelling which can be crucial.

5.3.3.1.3 Access towards the Emergency Department

The route leading towards the emergency department is important in this aspect that a smooth track and a widened path will be feasible for the movement of vehicle or stretcher. Initiatives are taken in this program for construction of new pathways or renovation of existing ones leading towards the emergency department. Such material of the external platform is selected so that a smooth movement should be observed over it rather than jerks bumps. Moreover, the width of the passage from entrance gate up to emergency department is designed by keeping in view the flux of the vehicles rushing towards the emergency block.

5.3.3.1.4 Medical Infrastructure Emergency:

The existing emergency department or other block of the hospital according to its access from entrance gate, is designed and re planned according to the above described emergency facilities. The changings or amendments in the existing covered area of the hospital are proposed according space availability. Due to the rush of patients and increased number of minor surgeries performed in the emergency department make it one of the dirtiest department of the hospital. Hence, in this regards it is very much essential to keep the floors of certain area of emergency department bacteria free. Seamless flooring is proposed in this regard to avoid the groves so that the cleaning process can be made easy. Low epoxy paint is designed and proposed in this regard on Minor OT, Gurney area and specialized healthcare unit.

Provision of medical gasses is essential to facilitate the patients suffering from breathing issue due to some disease and ailment. The filling process of oxygen in the cylinders is outsourced to ensure the continuous supply of the oxygen among the beds. The oxygen system comprises on copper pipe, central oxygen supply system for pressure maintenance, oxygen cylinders and flow meter with bed head units.

5.3.3.1.5 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

5.3.3.2 Monitoring and Quality Assurance (Process Interventions)

During construction phase, "Construction Supervision" will be carried out by the Procuring Agency (Director Infrastructure) along with Punjab Buildings department (C&W D) who will certify construction activity.

5.3.3.2.1 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 Secondary HealthCare 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 THQ hospital provides promotive, preventive, curative, advance diagnostics, inpatient services, advance specialist and referral services. 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. 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 Strengths, Weaknesses, Opportunities, and Threats (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.

5.3.3.3 Laboratory

To improve the quality of medical care of patients, primary and secondary Healthcare Department has decided to improve the Laboratory in THQ hospitals. Majority of patients are suffering problems some time life threatening phases due to delay in diagnosis and treatment according to diagnosis in case of lack of laboratory in vicinity.

5.3.3.4 <u>X-Ray</u>

To improve the quality of medical care of patients, primary and secondary Healthcare Department has decided to improve the Radiology unit in THQ hospitals. Majority of patients are suffering problems some time life threatening phases due to delay in diagnosis and treatment according to diagnosis in case of lack of Radiology unit in vicinity. A healthy human being enables not only nutrition of the physical body but also enhances social interaction and promotes self-esteem and feelings of self-esteem and feelings of wellbeing. The radiology equipment serves as a "window "to the patient treatment regarding the body.

5.3.3.5 <u>CCU</u>

Understanding these ground realities Primary and Secondary Healthcare Department, Government of the Punjab has decided to establish coronary care units (CCU) in THQ 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.

5.3.3.6 <u>Dialysis Unit</u>

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.

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 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.

5.3.3.7 Labor Rooms/Nurseries

To improve the quality of medical care of patients, primary and secondary Healthcare Department has decided to improve the Labor Rooms/Nursery unit in THQ hospitals.

5.3.3.8 Operation Theater

To improve the quality of medical care of patients, primary and secondary Healthcare Department has decided to improve the Operation Theater in THQ hospitals. Majority of patients are suffering problems some time life threatening phases due to delay in treatment according to diagnosis in case of lack of Operation Theater in vicinity.

5.3.3.9 Orthopedic unit

To improve the quality of medical care of patients, primary and secondary Healthcare Department has decided to improve the orthopedic unit in THQ

hospitals. Majority of patients are suffering problems some time life threatening phases due to delay in diagnosis and treatment according to diagnosis in case of lack of orthopedic unit in vicinity.

5.3.3.10 Gynecology Department

To improve the quality of medical care of patients, primary and secondary Healthcare Department has decided to improve the gynecology unit in THQ hospitals. Majority of patients are suffering problems some time life threatening phases due to delay in diagnosis and treatment according to diagnosis in case of lack of gynecology unit in vicinity.

5.3.3.11 Surgical Unit

To improve the quality of medical care of patients, primary and secondary Healthcare Department has decided to improve the surgical unit in THQ hospitals. Majority of patients are suffering problems some time life threatening phases due to delay in diagnosis and treatment according to diagnosis in case of lack of surgical unit in vicinity.

5.3.3.12 Intensive Care Unit (ICU)

Tehsil Headquarter Hospitals (THQ) serve catchment populations of the whole Tehsil (0.5-1 million) and provide a range of specialist care in addition to basic outpatient and inpatient services. They typically have about 80 to 150 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 THQ 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 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.

5.3.3.13 Mortuary Unit

To improve the quality of medical care of patients, primary and secondary Healthcare Department has decided to improve the mortuary unit in THQ hospitals. Postmortem or autopsy is a part of medico legal investigation into a death which is conducted by a judicial medical officer. Realizing the problems countered medico legal process focusing on following important areas;

1. Improving quality and motivation levels of human resource conducting medico legal Examination.
2. Improve methods to collect and preserve samples so that so that these may best be available for further forensic analysis.
3. Improving physical infrastructure at tehsil level to provide enabling environment for better conduct of medico legal cases including improvement in state of mortuaries at tehsil level.
4. Improvement in legal framework including improved forms.

5.3.3.14 Dental Unit

To improve the quality of medical care of patients, primary and secondary Healthcare Department has decided to improve the dental unit in THQ hospitals. Majority of patients are suffering problems some time life threatening phases due to delay in diagnosis and treatment according to diagnosis in case of lack of dental unit in vicinity.

5.3.3.15 Physiotherapy Unit (33 THQ Hospitals)

To improve the quality of medical care of patients, primary and secondary Healthcare Department has decided to improve the physiotherapy unit in all THQ hospitals. Majority of patients are suffering problems some time life threatening

phases due to delay in diagnosis and treatment according to diagnosis in case of lack of physiotherapy unit in vicinity.

1. Physiotherapy is a "science of healing and art of caring". It pertains to the clinical examination, evaluation, assessment, diagnosis and treatment of musculoskeletal, Neurological, Cardio-Vascular and Respiratory systems 'functional disorders including symptoms of pain, edema, and physiological, structural and psychosomatic ailments. It deals with methods of treatment based on movement, manual therapy, physical agents, and therapeutics modalities to relieve the pain and other complications. Hence, Physical therapy covers basic parameters of healing sciences i.e. preventive, promotive, diagnostic, rehabilitative, and curative.

2. Physiotherapy practice has a very long history and a modern clinical practice is heavily reliant on research and evidence based practice. The Primary and Secondary Healthcare Department Government of Punjab attests to this commitment by adopting and promoting the Standards of Practice for Physiotherapy.

Importance of Physiotherapy and Rehabilitation department

1. Physiotherapy provides services to individuals and populations to develop maintain and restore maximum movement and functional ability throughout the lifespan. This includes providing services in circumstances where movement and function are threatened by aging, injury, disease or environmental factors. Functional movement is central to what it means to be healthy.
2. Physiotherapy is concerned with identifying and maximizing quality of life and movement potential within the spheres of promotion, prevention, treatment/intervention, habilitation and rehabilitation. This encompasses physical, psychological, emotional, and social wellbeing. Physiotherapy involves the interaction between physical therapist, patients/clients, other health professionals, families, care givers, and communities in a process where movement potential is assessed and goals are agreed upon, using knowledge and skills unique to physical therapists.
3. The proposed project entails setting up a Physiotherapy and Rehabilitation Department. Being one of the major players in human service sector, rehabilitation Departments provide a wide range of services relating to physical impairments and disabilities of all age groups. These services range from assessment, evaluation, diagnosis, treatment and plan of care of individuals, from newborns to the very oldest, who have medical problems or other health-related conditions that limit their abilities to move and perform functional activities in their daily lives. These services will be provided by qualified Physiotherapists Consultants. Our consultants

examine each individual and develop a plan using treatment techniques to promote the ability to move, reduce pain, restore function, and prevent disability. In addition, our doctor work with individuals to prevent the loss of mobility before it occurs by developing fitness- and wellness-oriented programs for healthier and more active lifestyles. The proposed Physiotherapy and Rehabilitation Department will provide all these services under one roof.

Opportunity Rationale

Due to vast media exposure over past few years, women, as well as men, have become more conscious about their health especially youngsters. In Pakistan, Rehabilitation Clinics and Fitness Centers have grown over the years. It is easy to open GP clinic as space and skill requirement is very basic. But a Rehabilitation clinic provides more professional services with qualified staff including Physiotherapy doctors and experienced support staff and therefore, requires more planning and arrangement. Quite a few Physiotherapy and Rehabilitation Departments have opened in Lahore, Islamabad, Karachi and other relatively larger cities of Pakistan, which are catering to the demand of the people, but still there is a lot of unfulfilled demand as can be judged from excessive rush at the existing Physiotherapy Departments. The patient's ratio and problems with musculoskeletal disorders and neurological disorders are same in the tehsils and districts levels of Punjab. The business is service-oriented and carries large potential for serving poor people due to its unique nature and uncontrolled spreading of joints and muscles, and neurological problems, especially in the areas where our THQ Hospitals are located. There is lot of potential in this domain, especially for those who are committed to providing quality service.

5.3.3.16 Queue Management System (QMS)

OPD in THQ has enormous patient load, due to the only big public sector serving hospital in 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 THQ is given as follows:

There are 25 counters at THQ 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. Detail of equipment is attached.

The process described above for THQ will be implemented. 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.

5.3.3.17 Electronic Medical Record (EMR)

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. Detail of equipment is attached.

5.3.3.18 Video Surveillance through CCTVs

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 by Outsourced Security Company in the 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 THQ 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 85 public sector healthcare facilities. Detail of equipment is attached.

5.3.3.19 Medicine Store

To improve the quality of medical care of patients, primary and secondary Healthcare Department has decided to improve the medicine store in THQ hospitals.

5.3.3.20 Day Care Center

On-site (or near-site) child care would lead to improve workplace satisfaction by allowing employers more frequent contact with their children,

reducing stress and anxiety over scheduling, and potentially providing financial benefit to the hospital. Therefore, P&SH Department has decided to establish the Day Care Center at every THQ Hospital. The Medical Superintendent of the concerned hospital will be the overall in-charge of the Day Care Center.

5.4 Out Sourcing of Non Clinical Services

It was planned to provide Outsourcing of following Non-clinical services through development Budget later on decided to shift to non-development Budget as per the decision of progress review meeting chaired by the Chairman P&D Board dated 01-01-2018 w.e.f. 30-06-2018:-

1. Janitorial services
2. Laundry services (On hold)
3. MEPG Services
4. CT scan
5. Security

5.4.1 Janitorial services

These services include cleaning of hospitals and its roads and ROW areas. Internal cleaning comprises of complete cleaning along with washrooms cleanliness and material for these services such as hand wash/sanitizer. The Outsourcing is hereby designed keeping in view the sizes of areas assigned to each sanitary worker along with condition and nature of service. Human resources are planned after measuring the total area of hospital, built up area excluding the areas of horticultural land and residential buildings. The workers shall work in three shifts in a day. Half of the total strength of sanitary workers shall work in morning shift due to patients load in OPD. The concerned sanitary work company is bound to provide cleaning services materials and their refilling as and when required.

The companies providing janitorial services will be required to provide quality janitorial services, complete their personnel strength on daily basis which will be ensured through biometric attendance. Also, the companies will be subject to pecuniary penalties by hospital authorities if services provided are not according to the contracts.

5.4.2 Laundry Services

Different models were being applied by the hospital administrations individually which were not properly catering the basic requirement of washing and disinfection of different items used for hospitals. This model includes the initial procurement of different daily use items such as three different colors bed sheets and pillow covers and are to be changed thrice a day. Moreover, the concerned company must provide washing and cleaning services of bed sheets, pillow covers, blankets along with covers, apparels/OT clothes.

5.4.3 MEPG Services

The service of the hospitals is suffering badly due to improper functionality of the existing electrical and mechanical equipment which arises due to lack of maintenance. This model satisfies the need of proper maintenance plan which comprises of regular visits of technicians for looking after of electrical and mechanical equipment and accessories. Outsourcing company will be responsible for immediate response and above mentioned services.

5.4.4 CT Scan Services

CT Scan Services in selected Hospitals of Punjab are also being undertaken as a component of Government's decision to revamp all Secondary Healthcare. The objective of this initiative is to provide high quality CT Scan Services to widely scattered population of low socio-economic groups at their door steps. It will ensure provision of satisfactory diagnose infections, muscle disorders, and bone fractures. The imaging technique of CT Scan can help doctor to study the blood vessels and other internal structures and assess the extent of internal injuries and internal bleeding.

5.4.5 Security

The outsourcing model is designed due to non-provision of security arrangements and improper parking in different areas of premises of hospital. This model consists of guards who shall work in two shifts to provide security and surveillance for complete premises of hospital excluding residential areas. The devices required for this service to operate are arms, walkie talkie, Base set per unit and torch etc.

5.6 HR & Management Interventions Structure

HR Interventions can be broadly classified into introduction of New Management Structure (NMS) staff.

New Organogram of Hospital

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                    │     MS      │
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 │  AMS/ SUPPORT   │ │  AMS  HR & │ │  AMS Clinical   │
 │    MANAGER      │ │   Finance  │ │                 │
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MS

- AMS/ SUPPORT MANAGER
  - IT/Data Analysis
    - IT/ Statistical Officer
      - 4 Data Entry Operators
  - Admin
    - Admin Officer
    - 4 Monitors
      - Security
      - Transport
      - Parking
      - Janitorial
      - Canteen
      - External House Keeping
      - Civil Works
      - Technical works
      - Electrical Works
      - Internal House Keeping
      - Laundry
      - Stores & Supplies

5.6.1 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

5.6.2.1 Medical Superintendent

Shall be overall responsible for all the affairs of the Hospital

5.6.2.2 AMS Admin.

Shall be responsible for following functions in addition to his own duties:

1. General administration
2. IT/Data analysis/statistics keeping (biometric machines, etc.).
3. In case of outsourced interventions like QMS/EMR he shall be responsible for enforcement of contract and in case of violation shall ensure action has been taken as envisaged in the contract.
4. He shall be responsible for entry of data on Citizen Feedback Model.
5. He shall be responsible for ensuring collection of report of actions taken on CFM reports and entry of that on CFM.
6. He shall be responsible for implementation of any IT related initiative in the hospital.
7. He shall be responsible for better record keeping of hospital
8. He shall devise and implement systems for better record keeping of hospital

9. He shall ensure generation of all types of reports/information required of hospital by District Government/P&SHD/any other authorized Public agency

New Management Structure (NMS)

In place of the clerical positions, the P&SH Department has introduced a New Management Structure (NMS), in all District and Tehsil Headquarters Hospitals. The officers recruited as a part of the NMS have a minimum of 16 years of education. Their minimum qualification is MBA / B.Sc. Engineering / M.Com / Pharm-D / M.Cs / LLB / MPA / CA Inter / ACCA / ACMA / Master Degree or equivalent in relevant field etc. Their recruitments were undertaken through a competitive process by a third party testing service.

5.6.2.3 Admin Officer

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

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

1. Minimum qualification Masters' degree in Economics/ Public Administration/ Finance/ MBA Finance/Administration or equivalent from HEC recognized University

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

5.6.2.4 <u>Human Resource Officer</u>

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

<u>Eigibility Criteria</u>

1. Minimum qualification Masters' degree in Economics/ Public Administration/ Finance/ MBA HR/Management/ Finance/Administration or equivalent from HEC recognized University
2. Minimum 1 year post degree experience of administration (Additional credit may be given for hospital administration/Public sector experience of similar nature)

5.6.2.5 <u>IT/Statistical Officer</u>

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

He shall be in liaison with HISDU, P&SHD for proper reflection of hospital record on HISDU 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.

<u>Eligibility Criteria</u>

1. Minimum qualification Masters' degree in Computer Science or equivalent from HEC recognized University
2. 2 years post degree experience of IT/Data analysis(Additional credit may be given for similar assignment experience)

5.6.2.6 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 & Finance/MS/P&SHD

Eigibility Criteria

1. Minimum qualification Masters' degree in Finance/ MBA Finance or equivalent from HEC recognized University (Additional credit may be given to Charter accountant/ACCA)
2. Minimum 2 years post degree experience of Finance, Accounts & Budget (Additional credit may be given for Public sector experience of similar nature)

5.6.2.7 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 or equivalent from HEC recognized University
2. 2 years post degree experience of procurement (Additional credit may be given for public sector experience of procurement)

5.6.2.8 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 experience.

5.6.2.9 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.

5.6.2.10 Data Entry Operators (DEO)

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

Eligible Criteria

1. Minimum qualification BA / B.Sc / B.COM / BCS or equivalent from HEC recognized University. In case of BA/B.COM candidate must have six months computer course / Diploma.

2. Proficient in MS Word/ MS Excel/ MS Power point (additional credit may be given for additional relevant certified computer courses)
3. 1 years post degree relevant experience

5.6.2.11 Assistant Admin Officer

Shall be responsible for general administrative affairs of hospital and assist the admin officer.

Eligibility Criteria

1. Minimum qualification Masters' degree in Social Sciences/Economics/ Public Administration/ Finance/ MBA Finance/Administration or equivalent from HEC recognized University
2. Minimum 2 years post degree experience of administration (Additional credit may be given for hospital administration/ Public sector administration of similar nature).

5.7 HR for QMS and MSDS and Day Care Center.
5.7.1.1 QMS Supervisor / Information Desk Officer

Shall be responsible whole QMS networking

Eligible Criteria

1. M.Sc. (Comp. Engineering, Electronics, Electrical Engineering, IT, Telecommunication, Com. Science, Software Engineering, MCS), BCS (Comp. Engineering, Electronics, Electrical Engineering, IT, Telecommunication, Com. Science, Software Engineering, MBA, BBA, MPA, IT related 16 years Education.
2. Experience in the field of Software/Hardware/Network/DATA Quality Assurance, IT projects, IT enabled organizations, CCTV Control Room monitoring, Call Centre, Networking, Software Development will be considered as an added advantage during interview process.
3. Excellent communication Skill (Urdu, English) and IQ level
4. Age Limit of 21-28 years for Male & 21-30 years for Female
5. Typing Speed: 30WPM.

5.7.1.2 Computer Operators

Eight Computer operators shall help QMS Supervisor in dispensation of his responsibilities.

Eligible Criteria

1. Minimum qualification 14 year or Masters' degree from HEC recognized University
2. Proficient in MS Word/ MS Excel/ MS Power point (additional credit may be given for additional relevant certified computer courses)
3. 35 Word per Minute. Excellent communication in English and Urdu.

5.7.2 Consultants (MSDS) Implementation & Clinical Audit

Eligible Criteria

1. MBBS & Masters in Public Health, or equivalent qualification.
2. The consultant must have 10 years of hands on experience of third party validation, clinical audit of hospitals, Minimum Service Delivery Standards (MSDSs) implementation / hand holding; Report Writing; working knowledge of international best practices in hospital management will be preferred. Proficiency in MS Office is must. Must have strong communication skills.

5.7.2.1 Terms of Reference (TORs) for Consultants Minimum Service Delivery Standards (MSDS) Implementation & Clinical Audit

Government of the Punjab, Primary and Secondary Healthcare Department (P&SHD) is implementing multiple initiatives to improve the quality of healthcare at DHQ/THQ level across the province. One of the initiatives is Primary and Secondary Healthcare Revamping program which is being implemented by the Project Management Unit (PMU). Currently PMU is also involved in the standardization of quality of care at facility level through uniform set of Standard Operating Procedures (SOPs) & Standard Medical Protocols (SMPs) for compliance. The department intends to make all DHQs and THQ hospitals of Punjab as MSDS compliant which have been devised by Punjab Healthcare Commission.

Punjab Healthcare Commission was established under the PHC Act 2010 as an autonomous regulatory body for health sector; with the purpose of improving the quality, safety and efficiency of healthcare service delivery for all Public and Private Healthcare Establishments (including Allopaths, Homeopaths and Tibbs) in the province of Punjab. The Punjab Healthcare Commission has developed

Minimum Service Delivery Standards (MSDS) for all hospitals to improve the quality of healthcare services all over the Punjab. All Healthcare Establishments are required to implement MSDS to acquire a License to deliver healthcare services in Punjab.

This standardization effort will not only ensure availability of minimum services delivery standards (MSDS), SOPs, SMPs at all levels, but also the other essential inputs for functioning of systems and processes to ensure the smooth and safe delivery of quality healthcare services. These will also create conducive working environment for healthcare providers.

5.7.2.2 Objectives

The objective of this assignment is to implement & check all SOPs, SMPs, Minimum Service Delivery Standards (MSDS) & conduct clinical audit for 125 DHQ/THQ hospitals. Furthermore, the consultant will also monitor ongoing multiple trainings at DHQ/THQ hospitals.

5.7.2.3 Scope of Work

1. Develop policy & strategy for clinical audit of 125 hospitals.
2. Develop detailed clinical audit plan, with expected deliverables from hospitals. 360 degrees clinical audit.
3. Visit DHQ/THQ hospitals, to assess MSDS implementation and detailed report generation with short coming & highlight areas of improvement.
4. Review SOPs, SMPs & ISO Standards in hospitals to identify non-compliance.
5. Visit DHQ/THQ hospitals to implement clinical audit as per devised strategy, as well as monitoring and implementing MSDS standards.
6. Prepare detailed visit reports of clinical short comings; and suggest, and implement improvement plan.
7. Monitoring & auditing of patient referral system, detailed report on error and recommendations on rectification of errors.
8. Visit DHQ/THQ hospitals to implement clinical audit as per devised strategy, as well as monitoring and implementing MSDS standards.
9. Prepare detailed visit reports of clinical short comings; and suggest, and implement improvement plan.
10. Monitoring & auditing of patient referral system, detailed report on error and recommendations on rectification of errors.
11. Monitoring and evaluation of multiple trainings imparted at DHQ/THQ hospitals.
12. Any other relevant task assigned by Project Director/Director Quality Assurance / Project Manager.

5.7.2.4 Reporting Arrangements

- The Consultant (MSDS & Clinical Audit) will report to the Project Director/Director Quality Assurance/Senior Project Manager, P&SHD

5.7.2.5 Duration of Assignment

- The duration of assignment will initially be for THREE MONTHS / 120 DAYS which will be extendable subject to satisfactory performance.

5.7.2.6 Outputs / Key Deliverables

- Study/desk review the relevant Minimum Service Delivery Standards (MSDS) prescribed by PHC & ISO Standards, train the hospital staff/monitor/facilitate their implementation.
- Study/desk review the existing Standard Operating Procedures (SOPs), train the hospital staff/monitor/facilitate their implementation and suggest improvements where necessary.
- Study/desk review the existing SMPs, train the hospital staff/monitor/facilitate their implementation and suggest improvements where necessary.
- Conduct hospital visits of 125 DHQ/THQ hospitals (each DHQ hospital to be visited monthly & each THQ hospital every three months).
- Conduct formal hospital survey for confirming the implementation of MSDS on the relevant Scoring Matrix.
- Submit detailed report of each hospital visit on a standard format prescribed for the purpose.
- Conduct a system, process analysis with special emphasis on clinical audit and submission of detailed report accordingly.

5.7.2.7 Remunerations

- The consultant will be paid amount of Rs. **4500-6500/- per day** with no other benefits.
- All logistics will be arranged/reimbursed by PMU for field visits (accommodation, refreshments etc).

5.7.2.8 Terms of Payment

- Consultant will be paid on monthly basis throughout the contract period.

5.7.3 HR for Day Care Center

5.7.3.1 Manager Day Care Center (DCC)

Shall be responsible for general administrative affairs of DCC.

Eligibility Criteria

1. Minimum qualification Masters' degree in Economics/ Public Administration/ Finance/ MBA Finance/Administration or equivalent from HEC recognized University
2. Minimum 2 years post degree experience of administration (Additional credit may be given for hospital administration/ Public sector administration of similar nature)

5.7.3.2 Montessori Trained Teacher

Shall be responsible for basic education of children.

Eligibility Criteria

1. Minimum qualification BA/BSC or equivalent from HEC recognized University along with B.Ed.
2. Minimum 1 years post degree experience of teaching (Additional credit may be given for Public sector teaching of similar nature)

5.7.3.3 Attendant / Care Giver

Shall be responsible for special care of the children.

Eligibility Criteria

Minimum qualification Matric or equivalent alongwith diploma in relevant field

MS

AMS/ SUPPORT MANAGER — **AMS HR & Finance** — **AMS Clinical**

Under AMS/ Support Manager:
- IT/Data Analysis
  - IT/ Statistical Officer
  - 4 Data Entry Operators
- Admin
  - Admin Officer
  - 4 Monitors
    - Security, Transport
    - Parking, Janitorial
    - Canteen, External House Keeping
    - Civil Works, Technical works
    - Electrical Works, Internal House Keeping
    - Laundry, Stores & Supplies

Under AMS HR & Finance:
- Human Resource & Legal
  - HR & Legal Officer
    - Clinical Staff Managemnt
    - Non-Clinical Staff Managemnt
- Finance, Budget
  - Finance & Budget Offiicer
- Audit
  - Audit Officer
- Procurement
  - Procurement Officer

Under AMS Clinical:
- DMS-3
  - Nursing
    - Deputy Nursing
      - Head Nurse
        - Charge Nurse
          - Students
        - CMW
    - Nursing Instructor
  - Clinical
    - Head of Department
      - Specialist
        - H.O
        - M.O
      - Unit Incharge
      - Consultant
        - H.O
        - M.O
  - Pharmacy
    - Deputy Drig Controller
      - Pharmacist
        - Dispenser

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**		**8,760,000**	**849,000**	**11,556,000**

5.8 Other Initiatives:

There are many other initiatives which government plans to undertake in order to improve healthcare services in the province. These include:

- Rehabilitation of Emergency Ward
- Fixture of Benches
- Addition of Bracket Fans/Water Coolers/LCDs with signage
- Supply of Laboratory/ Equipment/USG/ECG etc.
- CCU Improvement
- Installation of Water filtration plants
- Replacement of Bed sheets/Pillows/Matrasses
- Installation of Transformers/Dual Connection
- Improvement of Labor rooms/Nurseries

- Maintenance and replacement of Air-conditioners through Outsourcing
- Blood Bank improvement
- Installation of CCTV Cameras
- Installation of Basic Fire-fighting Equipment
- Up gradation of Pharmacy and medicine Store
- Improvement of Internal Roads and laying of Tough pavers
- External Development
- Rehabilitation of Hepatitis/T.B Control

The PMU is essential to deliver the project end-item within budget and time limitations, in accordance with technical specifications, and, when specified, in fulfillment of project objectives.

5.9 Patient Management Protocol

5.9.1 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.

5.9.2 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.

5.9.3 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.

5.9.4 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.

5.9.5 Project Monitoring Committee

A Project Monitoring Committee is proposed hereby as under to monitor the project regarding Revamping of THQ Hospital:

1.	Deputy Commissioner	(Chairman)
2.	District Monitoring Officer	(Member)
3.	Executive Engineer Buildings	(Member)
4.	Assistant Commissioner Concerned	(Member)
5.	MS THQ Hospital	(Secretary/Member)

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

5.10 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.

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 Yazman District Bahawalpur is more than 0.555 million. The area of the THQ Hospital Yazman District Bahawalpur is 414,285 SFT land.

6.1 Description and Justification

The Project Management Unit, Revamping Program, Primary and Secondary Healthcare Department planned to start the 2nd Phase of the said revamping program. The instant PC-I is also meant for provision of requisite biomedical and non-biomedical equipment, Electricity, Furniture & Fixture, Signage, HR and outsourcing of services for Revamping of THQ Hospital, Yazman District Bahawalpur.

Revamping of THQ Hospital Yazman District Bahawalpur constitutes of value addition in all major domains of the hospital including improvement of Civil infrastructure, addition of water filtration plant facility, value addition in Emergency ward and making the health facility more equipped with modern bio-medical equipment. State of the art furniture and fixtures complemented by interior and exterior decors are also part of this revamping project backed by the thought of dedicated express line of electricity to ensure smooth operations of hospitals will bring the modern health facilities in healthy and comfortable environment at the door step of masses. Introduction of new model of outsourcing of laundry services to ensure provision of neat and clean bed sheets, pillow covers, blankets etc. round the clock is also a part of this project. Fool proof security and adequate cleanliness measures of whole health facility are also proposed in this PC-I.

Civil work component will be carried out through C&W Department instead of District Health Authority for this hospital. Value addition in Emergency block is proposed in four domains i.e. Triage, Minor O.T, Specialized care room and emergency ward. Addition of Water Filtration Plant facility where it is not available as unclean or polluted water is devastating for human health. A key consideration was made while selecting furniture and its compatibility with hospital grade cleaners, detergents and disinfectants. Signage is an effective interface between the user and intended facility. Effective signage promotes the healthcare facility in a patient friendly manner. Access is an important part of quality of care. A crucial aspect for patient satisfaction is their comfort levels with the facility itself i.e. a person's ease in navigating a facility, and the timeliness in receiving care. Clear and proper signage at strategic points helps patients in reaching their destination without losing much of their valuable time and saves lot of their efforts in unnecessary enquiring from persons. In this regard, the Equipment of Emergency, Bio-Medical, Non-Bio-Medical, Electricity, Signage, Janitorial, Security, Laundry, Maintenance of Generator and Horticulture have been added as per actual requirement of the Hospital. The Equipment of MSDS, IT, Furniture Fixture, Day

Care Center, HR, Medical Gases, Cafeteria are fixed in all hospitals as per yardstick established by P& SH Department. Prior to initiation of this exercise standardization of required facilities was done by committee of experts in P & SH Department and on the basis of it, gaps were identified which would be covered under this PC-I.

Justification for 3rd Revision of PC-I

1. Originally the Civil work component of the scheme was planned to be executed by the Health Council of the concerned District Health Authority based on cost estimates prepared by the Infrastructure Wing of PMU and approved by the DDSC. Accordingly, funds of Rs.3, Rs.5 and Rs.10 million were provided during FY 2017-18 for the execution of work as per parameters provided to these THQ Hospitals. However, no reasonable revamping civil work was carried out and hence did not fulfil the requirement and the objectives of the Revamping Program. Now P&SHD has decided to carry out further revamping of Civil work through Communication and Works Department Punjab to accomplish the uniformity of THQ Hospitals with already revamped hospitals of Phase-I. Hence the Rough Cost Estimates of the Punjab Buildings Department has been included in the civil work cost of this scheme.

2. Primary & Secondary Healthcare Department (P&SHD) made a decision to shift all the clerical posts in DHQ / THQ hospitals of Punjab to District Health Authorities as per notification dated 24th October, 2017. This administrative decision was taken due to a multiplicity of reasons which were adversely affecting healthcare service delivery in the hospitals. Primarily, these clerical posts were not specialized in any particular field, and therefore, the HR hired against these posts were generalized to the extent that they were not able to perform functions of Hospitals and Health Specific tasks that any medical administration should ideally perform. Additionally, public complaints against the clerical staff on issues such as behavior, performance created an environment of malfeasance in all hospitals. 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.

3. 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 Tehsil Headquarter Hospitals and hence PC-I has been proposed till 30- 06-2025.

4. Infrastructure team has conducted the Joint visits with the team of C&W Department. During the field visits, few alterations were recommended by the technical teams which have been incorporated in the Revised Rough Cost Estimates of the subject scheme and have been attached with the PC-I along with comparative statement. Therefore, Civil works component cost has been decreased from Rs. 44.523 million to Rs. 108.930 million due to few changes in the scope and MRS rates (2nd Bi-annual 2022).

85 THQ Hospitals covered under the Program:

The location map of the 85 THQ hospitals that will be taken up for rehabilitation in this program is given below:

PROJECT MANAGEMENT UNIT
PRIMARY & SECONDARY HEALTHCARE DEPARTMENT

LOCATION OF DHQ AND THQ HOSPITALS IN PUNJAB

LEGEND

DISTRICT

25 DHQ HOSPITALS (PHASE 1)

15 THQ HOSPITALS (PHASE 1)

85 THQ HOSPITALS (PHASE 2)

NORTH ZONE

CENTER ZONE

SOUTH ZONE
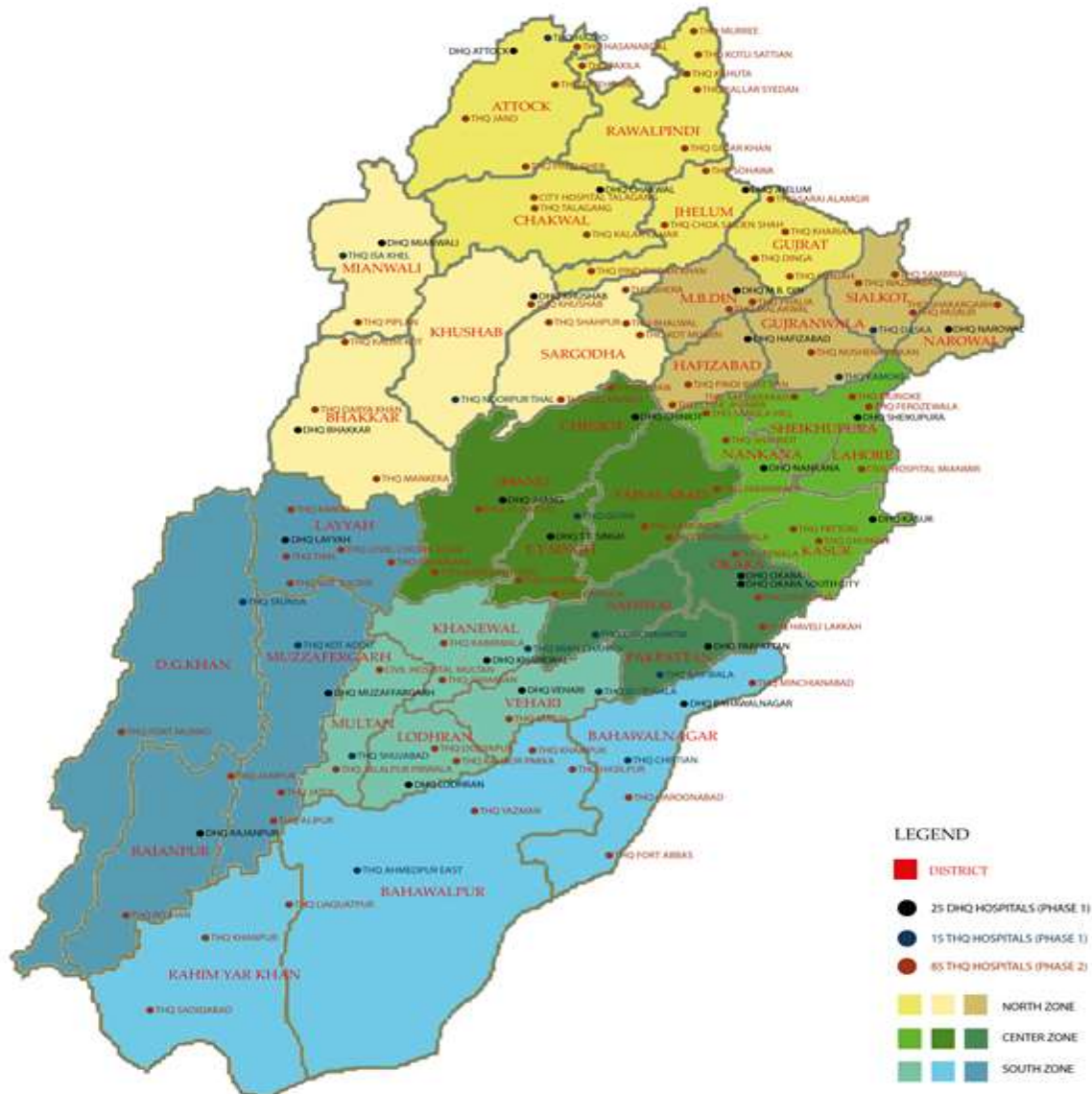
6.2 SECTORAL SPECIFIC INFORMATION

Social Sectors health department

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7. CAPITAL COST ESTIMATES

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

Grant Number: Development - (PC22036)
LO NO:LO17011177
A/C To be Credited: Assan Assignment

PKR Million

S r #	Object Code	2019-2020		2020-2021		2021-2022		2022-2023		2023-2024		2024-2025	
		Local	Foreign	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	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	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**	**0.000**	**0.000**

Financial Components: Capital
Cost Center:OTHERS- (OTHERS)
Fund Center (Controlling):LE4203

Grant Number: Government Buildings - (PC12042)
LO NO:LO22010082
A/C To be Credited: Account-I

PKR Million

S r #	Object Code	2019-2020		2020-2021		2021-2022		2022-2023		2023-2024		2024-2025	
		Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign
1	**A12403**-Other Buildings	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	**A05270**-To Others	0.000	0.000	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**	**0.000**	**0.000**

Abstract of Cost

Name of THQ Hospital	THQ YAZMAN											
	Original			1st Revised			2nd Revised			3rd Revised		
Scope of work	Cost in million											
	Capital	Revenue	Total	Capital	Revenue	Total	Capital	Revenue	Total	Capital	Revenue	Total
Capital component												
Internal development	0.000	24.624	24.624	0.000	24.624	24.624	41.315	10.000	51.315	66.983	10.000	76.983
External development	0.000	4.304	4.304	0.000	4.304	4.304	3.208	0.000	3.208	37.691	0.000	37.691
Water filtration plant	0.000	5.600	5.600	0.000	5.600	5.600	0.000	0.000	0.000	4.256	0.000	4.256
Total Capital Component	**0.000**	**34.529**	**34.529**	**0.000**	**34.529**	**34.529**	**44.523**	**10.000**	**54.523**	**108.930**	**10.000**	**118.930**
Revenue component												
Emergency	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MSDS	0.000	8.647	8.647	0.000	8.647	8.647	0.000	9.654	9.654	0.000	13.438	13.438
Med. Machinery and Equipment	0.000	37.373	37.373	0.000	37.373	37.373	0.000	46.975	46.975	0.000	65.002	65.002
Electricity	0.000	16.792	16.792	0.000	16.792	16.792	0.000	16.792	16.792	0.000	21.292	21.292
IT & QMS & Surveillance	0.000	14.515	14.515	0.000	14.515	14.515	0.000	16.715	16.715	0.000	20.120	20.120
Furniture and Fixtures	0.000	13.504	13.504	0.000	13.504	13.504	0.000	13.504	13.504	0.000	18.788	18.788
Interior and Exterior decorations/ Signage	0.000	3.098	3.098	0.000	3.098	3.098	0.000	4.271	4.271	0.000	4.271	4.271
Day Care Center	0.000	1.600	1.600	0.000	1.600	1.600	0.000	1.600	1.600	0.000	1.600	1.600
Human resource (HR) plan	0.000	17.220	17.220	0.000	17.220	17.220	0.000	36.390	36.390	0.000	53.545	53.545
LC Deficit during procurement (currency fluctuation)								1.788	1.788		1.788	1.788
Total Revenue component	**0.000**	**112.749**	**112.749**	**0.000**	**112.749**	**112.749**	**0.000**	**147.689**	**147.689**	**0.000**	**199.844**	**199.844**
Outsourcing component												
Janitorial Services	0.000	14.547	14.547	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Security and Parking services	0.000	6.980	6.980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Laundry Services	0.000	2.400	2.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maintenance (Generator)	0.000	2.620	2.620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEP	0.000	4.486	4.486	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Medical Gases	0.000	1.304	1.304	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Cafeteria	0.000	6.743	6.743	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Horticulture services	0.000	6.525	6.525	0.000	0.048	0.048	0.000	0.048	0.048	0.000	0.048	0.048
Total outsourcing cost	**0.000**	**45.605**	**45.605**	**0.000**	**0.048**	**0.048**	**0.000**	**0.048**	**0.048**	**0.000**	**0.048**	**0.048**
Total	0.000	192.882	192.882	0.000	147.325	147.325	44.523	157.737	202.260	108.930	209.892	318.822
Contingency (1%) only on Civil Component	0.000	0.345	0.345	0.000	0.345	0.345	0.000	0.100	0.100	0.000	0.100	0.100
Third Party Monitoring (TPM) (1%)	0.000	1.929	1.929	0.000	1.473	1.473	0.000	1.577	1.577	0.000	2.099	2.099
Third Party Validation (TPV) (1%)	0.000	1.929	1.929	0.000	1.473	1.473	0.000	1.577	1.577	0.000	2.099	2.099
Grand Total	**0.000**	**197.085**	**197.085**	**0.000**	**150.617**	**150.617**	**44.523**	**160.991**	**205.514**	**108.930**	**214.189**	**323.119**

MSDS

Sr. No.	ITEM DESCRIPTION	Original			1st Revised			2nd Revised			3rd Revised		
		Quantity Required	Actual Unit Price	Actual Total Cost(Rs)	Quantity Required	Actual Unit Price	Actual Total Cost(Rs)	Quantity Required	Actual Unit Price	Actual Total Cost(Rs)	Quantity Required	Actual Unit Price	Actual Total Cost(Rs)
1	Histology slide boxes	3	3,100	9,299	3	3,100	9,299	3	4,500	13,500	3	4,500	13,500
2	Labeling Device connected with Computer	3	60,000	180,000	3	60,000	180,000	3	80,000	240,000	3	80,000	240,000
3	Safe Transportation Boxes	2	15,750	31,500	2	15,750	31,500	2	18,000	36,000	2	18,000	36,000
4	Portable Safety Exhaust Hood	1	160,000	160,000	1	160,000	160,000	1	250,000	250,000	1	450,000	450,000
5	Centrifuge Machine	0	149,336	-	0	149,336	-	0	250,000	-	0	325,000	-
6	Hot plates	2	26,250	52,500	2	26,250	52,500	2	45,000	90,000	2	55,000	110,000
7	Water bath	1	157,500	157,500	1	157,500	157,500	1	157,500	157,500	1	300,000	300,000
8	Complaint boxes	10	3,150	31,500	10	3,150	31,500	10	3,150	31,500	10	3,150	31,500
9	Spine boards with Neck holders	4	31,080	124,320	4	31,080	124,320	4	31,080	124,320	4	31,080	124,320
10	Sensitometer	1	137,325	137,325	1	137,325	137,325	1	137,325	137,325	1	137,325	137,325
11	Densitometer personal	2	191,391	382,782	2	191,391	382,782	2	191,391	382,782	2	191,391	382,782
12	Box of Films	2	26,250	52,500	2	26,250	52,500	2	30,000	60,000	2	30,000	60,000
13	Aluminium Step Wedge	1	26,250	26,250	1	26,250	26,250	1	26,250	26,250	1	26,250	26,250
14	Non-Mercury thermometer	10	305	3,045	10	305	3,045	10	350	3,500	10	750	7,500
15	Brass or copper mesh screen	2	5,250	10,500	2	5,250	10,500	2	5,250	10,500	2	5,250	10,500
16	Wheel Chairs	0	31,500	-	0	31,500	-	0	35,000	-	0	35,000	-
17	Statures	0	67,830	-	0	67,830	-	0	75,000	-	0	75,000	-
18	Blood Warmer	3	246,750	740,250	3	246,750	740,250	3	275,000	825,000	3	275,000	825,000
19	Sequence Compression Device	2	210,000	420,000	2	210,000	420,000	2	230,000	460,000	2	600,000	1,200,000
20	Blood Bank Refrigerators with	0	682,500	-	0	682,500	-	0	700,000	-	0	1,469,900	-
21	Data Coder	1	84,000	84,000	1	84,000	84,000	1	100,000	100,000	1	-	-
22	Plasma Separator 1	0	4,200,000	-	0	4,200,000	-	0	4,500,000	-	0	4,500,000	-
23	Blood Storage Cabinet	1	682,500	682,500	1	682,500	682,500	1	700,000	700,000	1	1,469,900	1,469,900
24	Resuscitation Trolley	0	244,733	-	0	244,733	-	0	400,000	-	0	491,350	-
25	Ultra sound machine gyne	0	1,403,325	-	0	1,403,325	-	0	1,700,000	-	0	2,150,000	-
26	Delivery Table	0	47,250	-	0	47,250	-	0	47,250	-	0	48,500	-
27	Height and weight scale	4	8,400	33,600	4	8,400	33,600	4	10,000	40,000	4	31,500	126,000
28	Suction Electronic	0	259,350	-	0	259,350	-	0	275,000	-	0	275,000	-
29	Fetal Heart Rate Detector	1	144,375	144,375	1	144,375	144,375	1	175,000	175,000	1	275,000	275,000
30	Ambo bag	0	17,325	-	0	17,325	-	0	19,000	-	0	19,000	-
31	Neonatal size face mask	4	578	2,310	4	578	2,310	4	1,200	4,800	4	1,500	6,000
32	Exchange transfusion trays	2	10,000	20,000	2	10,000	20,000	2	10,000	20,000	2	12,000	24,000
33	Shoe racks SS	4	39,900	159,600	4	39,900	159,600	4	39,900	159,600	4	39,900	159,600
34	Sterilizer	0	2,940,000	-	0	2,940,000	-	0	3,500,000	-	0	7,800,000	-
35	Washer disinfector	0	-	-	0	-	-	0	-	-	0	-	-
36	Packing table	0	-	-	0	-	-	0	-	-	0	-	-
37	Digital Sealer Printer	1	420,000	420,000	1	420,000	420,000	1	480,000	480,000	1	520,000	520,000
38	Backup Auto Clave	0	441,000	-	0	441,000	-	0	550,000	-	0	789,625	-
39	Racks for Manual	10	21,000	210,000	10	21,000	210,000	10	37,500	375,000	10	56,160	561,600
40	Locked Racks for MSDS Data	2	21,000	42,000	2	21,000	42,000	2	37,500	75,000	2	56,160	112,320
41	Eye Wash Station with shower	3	300,000	900,000	3	300,000	900,000	3	350,000	1,050,000	3	350,000	1,050,000
42	Air Curtain	4	50,190	200,760	4	50,190	200,760	4	60,000	240,000	4	60,000	240,000
43	Fire Sand Buckets with stand	5	15,000	75,000	5	15,000	75,000	5	20,000	100,000	5	20,000	100,000
44	Smoke Detectors	10	7,350	73,500	10	7,350	73,500	10	8,500	85,000	10	8,500	85,000
45	Heat Detector	5	8,400	42,000	5	8,400	42,000	5	10,000	50,000	5	10,000	50,000
46	Gas Detector	5	6,300	31,500	5	6,300	31,500	5	7,500	37,500	5	7,500	37,500
47	Fire Blankets	10	2,783	27,825	10	2,783	27,825	10	3,200	32,000	10	3,200	32,000
48	Fire Alarms	10	5,250	52,500	10	5,250	52,500	10	6,500	65,000	10	6,500	65,000

MSDS

Sr. No.	ITEM DESCRIPTION	Original			1st Revised			2nd Revised			3rd Revised		
		Quantity Required	Actual Unit Price	Actual Total Cost(Rs)	Quantity Required	Actual Unit Price	Actual Total Cost(Rs)	Quantity Required	Actual Unit Price	Actual Total Cost(Rs)	Quantity Required	Actual Unit Price	Actual Total Cost(Rs)
49	Identification Bands	100	3	315	100	3	315	100	3	300	100	3	300
50	Wet Flooring Signages	0	431	-	0	431	-	0	550	-	0	750	-
51	Key Box	6	8,190	49,140	6	8,190	49,140	6	10,000	60,000	6	10,000	60,000
52	Dehumidifier	0	58,800	-	0	58,800	-	0	70,000	-	0	100,000	-
53	Tourniquet	4	840	3,360	4	840	3,360	4	850	3,400	4	1,500	6,000
54	LAB SAFETY BOX	2	3,150	6,300	2	3,150	6,300	2	4,000	8,000	2	4,000	8,000
55	densitometer	0	210,000	-	0	210,000	-	0	210,000	-	0	210,000	-
56	vending machine	0	630,000	-	0	630,000	-	0	630,000	-	0	630,000	-
57	Automatic shoe cover machine	2	296,100	592,200	2	296,100	592,200	2	332,500	665,000	2	332,500	665,000
58	Vein Finder	2	630,000	1,260,000	2	630,000	1,260,000	2	630,000	1,260,000	2	630,000	1,260,000
59	Blood Sample Vials (BOXES)	3	13	38	3	13	38	3	15	45	3	15	45
60	Bassinets	5	21,000	105,000	5	21,000	105,000	5	22,000	110,000	5	22,000	110,000
61	Chemical Spill Cleanup kit	2	100,000	200,000	2	100,000	200,000	2	100,000	200,000	2	100,000	200,000
62	Digital Tempurature Humidity Guage	4	15,000	60,000	4	15,000	60,000	4	15,000	60,000	4	15,000	60,000
63	Bio Cleaning and Disinfection System	1	650,000	650,000	1	650,000	650,000	1	650,000	650,000	1	2,200,000	2,200,000
	Total			**8,647,094**			**8,647,094**			**9,653,822**			**13,437,942**
				8.647			8.647			9.654			13.438

Medical Equipment

Sr. No.	Area	Name of Equipment	Yard Stick	Original				1st Revised				2nd Revised				3rd Revised			
				Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost
1	Laboratory	Semi Auto Clinical Chemistry Analyzer	1	1	0	449,295	-	1	0	449,295	-	1	0	550,000	-	1	0	550,000	-
2		Hematology Analyzer	1	1	0	427,350	-	1	0	427,350	-	1	0	550,000	-	1	0	750,000	-
3		Electrolyte Analyzer	1	0	1	427,350	427,350	0	1	427,350	427,350	0	1	550,000	550,000	0	1	550,000	550,000
4		Blood Gas Analyzer	0	0	0	2,744,858	-	0	0	2,744,858	-	0	0	3,200,000	-	0	0	1,400,000	-
5		Clinical Microscope	1	4	0	132,825	-	4	0	132,825	-	4	0	180,000	-	4	0	250,000	-
6		Water Bath	1	1	0	60,000	-	1	0	60,000	-	1	0	157,500	-	1	0	325,000	-
7		Hot air Oven	1	1	0	210,000	-	1	0	210,000	-	1	0	385,000	-	1	0	450,000	-
8		Distilled water plant	1	0	1	52,500	52,500	0	1	52,500	52,500	0	1	75,000	75,000	0	1	125,000	125,000
9		Auto pipettes	10	5	5	31,500	157,500	5	5	31,500	157,500	5	5	40,500	202,500	5	5	45,000	225,000
10		glass wares	0	1	0	105,000	-	1	0	105,000	-	1	0	105,000	-	1	0	105,000	-
11		Centrifuge Machine	2	2	0	149,336	-	2	0	149,336	-	2	0	250,000	-	2	0	400,000	-
12	X-Rays	Static X-ray Machine	1	1	0	4,200,000	-	1	0	4,200,000	-	1	0	6,000,000	-	1	0	12,000,000	-
13		Mobile X-Ray Machine	0	0	0	3,850,524	-	0	0	3,850,524	-	0	0	4,300,000	-	0	0	9,800,000	-
14		Computerized Radiography System	0	0	0	4,018,245	-	0	0	4,018,245	-	0	0	4,500,000	-	0	0	4,500,000	-
15		Dental X-Ray	0	0	0	282,975	-	0	0	282,975	-	0	0	350,000	-	0	0	525,000	-
16		Lead apron and PPE	2	3	0	52,500	-	3	0	52,500	-	3	0	60,000	-	3	0	85,000	-
17		Density meter personal (Add)	0	0	0	210,000	-	0	0	210,000	-	0	0	210,000	-	0	0	250,000	-
18		Lead glass /shield	0	0	0	105,000	-	0	0	105,000	-	0	0	105,000	-	0	0	150,000	-
19		Lead Walls	0	0	0	525,000	-	0	0	525,000	-	0	0	525,000	-	0	0	525,000	-
20	Ultrasound	Portable/Mobile Ultrasound	0	1	0	1,371,331	-	1	0	1,371,331	-	1	0	1,500,000	-	1	0	2,400,000	-
21		Color Doppler RADIOLOGY	1	0	1	3,698,310	3,698,310	0	1	3,698,310	3,698,310	0	1	4,500,000	4,500,000	0	1	5,500,000	5,500,000
22	CCU	ICU MONITOR	2	0	2	301,665	603,330	0	2	301,665	603,330	0	2	900,000	1,800,000	0	2	1,250,000	2,500,000
23		Temporary pace maker	0	0	0	315,000		0	0	315,000		0	0	315,000	-	0	0	550,000	-
24		Defibrillator	1	0	1	299,153	299,153	0	1	299,153	299,153	0	1	650,000	650,000	0	1	800,000	800,000
25		ECG Machine Three Channel	2	0	2	169,785	339,570	0	2	169,785	339,570	0	2	169,785	339,570	0	2	300,000	600,000
26		ETT Machine	0	0	0	2,021,838	-	0	0	2,021,838	-	0	0	2,200,000	-	0	0	3,000,000	-
27		Color doplor CARDIOLOGY	0	0	0	4,681,790		0	0	4,681,790		0	0	4,800,000	-	0	0	6,000,000	-
28		Suction Pump	2	0	2	259,350	518,700	0	2	259,350	518,700	0	2	275,000	550,000	0	2	300,000	600,000
29	Blood Bank	Blood Cabinet	1	2	0	690,539	-	2	0	690,539	-	2	0	700,000	-	2	0	1,500,000	-
30		Centrifuge Machine	2	1	1	149,336	149,336	1	1	149,336	149,336	1	1	250,000	250,000	1	1	400,000	400,000
31		Slide viewer	1	0	1	42,000	42,000	0	1	42,000	42,000	0	1	55,000	55,000	0	1	55,000	55,000
32		Clinical Microscope	1	1	0	132,825	-	1	0	132,825	-	1	0	180,000	-	1	0	250,000	
33	Dialysis Unit (10 beds)	Computerized Hemo Dialysis Machine	5	4	1	1,050,000	1,050,000	4	1	1,050,000	1,050,000	4	1	1,600,000	1,600,000	4	1	3,200,000	3,200,000
34	Nursery	Baby Cot	10	3	7	14,669	102,680	3	7	14,669	102,680	3	7	16,000	112,000	3	7	16,000	112,000
35		Phototherapy Unit	2	1	1	130,200	130,200	1	1	130,200	130,200	1	1	655,000	655,000	1	1	850,000	850,000
36		Infant Warmer	2	3	0	335,638	-	3	0	335,638	-	3	0	985,000	-	3	0	1,050,000	-
37		Pulse Oximeter	6	0	6	104,500	627,000	0	6	104,500	627,000	0	6	160,000	960,000	0	6	225,000	1,350,000
38		Infant Incubator	2	3	0	858,932	-	3	0	858,932	-	3	0	900,000	-	3	0	1,750,000	-
39		Suction Pump	1		1	259,350	259,350		1	259,350	259,350		1	275,000	275,000		1	300,000	300,000
40		Hospital Grade Nebulizer Heavy Duty	2	0	2	125,265	250,530	0	2	125,265	250,530	0	2	215,000	430,000	0	2	300,000	600,000
41	O.T (04)	Anesthesia Machine with Ventilator	1	2	0	2,509,554	-	2	0	2,509,554	-	2	0	3,000,000	-	2	0	7,000,000	-
42		BED SIDE PATIENT MONITOR	2	2	0	441,000	-	2	0	441,000	-	2	0	550,000	-	2	0	1,200,000	-
43		Defibrillator	2	1	1	308,713	308,713	1	1	308,713	308,713	1	1	650,000	650,000	1	1	800,000	800,000
44		Electrosurgical Unit	1	4	0	507,530	-	4	0	507,530	-	4	0	700,000	-	4	0	900,000	-
45		Operation Table	1	2	0	1,426,215	-	2	0	1,426,215	-	2	0	2,000,000	-	2	0	2,500,000	-
46		Ceiling Operating Light	1	1	0	413,013	-	1	0	413,013	-	1	0	800,000	-	1	0	950,000	-
47		STEAM STERILIZER	1	3	0	3,465,000	-	3	0	3,465,000	-	3	0	4,000,000	-	3	0	7,800,000	-
48		Suction Pump	2		2	259,350	518,700		2	259,350	518,700		2	275,000	550,000		2	300,000	600,000
49		Resuscitation trolley With Crash Cart	2	2	0	244,733	-	2	0	244,733	-	2	0	400,000	-	2	0	600,000	-
50		mayo table	4	0	4	21,000	84,000	0	4	21,000	84,000	0	4	23,000	92,000	0	4	23,000	92,000
51		MOBILE OPERATING LIGHT	1	3	0	304,220	-	3	0	304,220	-	3	0	400,000	-	3	0	900,000	-
52	Orthopedic	Operation Table	0	0	0	1,426,215	-	0	0	1,426,215	-	0	0	2,000,000	-	0	0	5,000,000	-
53		ORTHOPEDIC DRILL	0	0	0	1,108,740	-	0	0	1,108,740	-	0	0	1,500,000	-	0	0	4,000,000	-
54		Plaster Cutting Pneumatic	1	0	1	276,250	276,250	0	1	276,250	276,250	0	1	450,000	450,000	0	1	1,500,000	1,500,000
55		Pneumatic Tourniquets	0	0	0	262,500	-	0	0	262,500	-	0	0	262,500	-	0	0	300,000	-

Medical Equipment

Sr. No.	Area	Name of Equipment	Yard Stick	Original				1st Revised				2nd Revised				3rd Revised			
				Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost
56		Orthopedic Instruments	0	2	0	432,623	-	2	0	432,623	-	2	0	550,000	-	2	0	550,000	-
57	Gynea (20 beds)	Portable/Mobile Ultrasound	1	1	0	1,418,958	-	1	0	1,418,958	-	1	0	1,500,000	-	1	0	2,400,000	-
58		Autoclave	1	0	1	441,000	441,000	0	1	441,000	441,000	0	1	550,000	550,000	0	1	850,000	850,000
59		Delivery Set	10	2	8	31,500	252,000	2	8	31,500	252,000	2	8	40,000	320,000	2	8	65,000	520,000
60		Delivery Table	2	4	0	47,250	-	4	0	47,250	-	4	0	47,250	-	4	0	55,000	-
61		BED SIDE PATIENT MONITOR	2	0	2	294,000	588,000	0	2	294,000	588,000	0	2	550,000	1,100,000	0	2	1,200,000	2,400,000
62		D & C Set	2	2	0	34,650	-	2	0	34,650	-	2	0	40,000	-	2	0	60,000	-
63		Vaccume Extractor	1	1	0	259,350	-	1	0	259,350	-	1	0	300,000	-	1	0	350,000	-
64		CTG Machine	1	2	0	628,049	-	2	0	628,049	-	2	0	725,000	-	2	0	900,000	-
65		ECG Machine Three Channel	1	0	1	169,785	169,785	0	1	169,785	169,785	0	1	180,000	180,000	0	1	300,000	300,000
66		Portable O.T Light	2	1	1	304,220	304,220	1	1	304,220	304,220	1	1	400,000	400,000	1	1	900,000	900,000
67		Baby Cot	2	2	0	14,669	-	2	0	14,669	-	2	0	16,000	-	2	0	16,000	-
68		Delivery trolly	2	2	0	47,250	-	2	0	47,250	-	2	0	47,250	-	2	0	47,250	-
69		Desktop Fetal Heart Rate Detector	1	3	0	144,375	-	3	0	144,375	-	3	0	175,000	-	3	0	200,000	-
70	Surgical Emergency (10 beds)	Steam Sterilizer	0	1	0	3,355,849	-	1	0	3,355,849	-	1	0	4,000,000	-	1	0	7,800,000	-
71		Operation Table	0	0	0	1,426,215	-	0	0	1,426,215	-	0	0	2,000,000	-	0	0	2,500,000	-
72		MOBILE OPERATING LIGHT	0	1	0	285,466	-	1	0	285,466	-	1	0	400,000	-	1	0	900,000	-
73		Suction Pump	0	1	0	259,350	-	1	0	259,350	-	1	0	275,000	-	1	0	300,000	-
74		Laryngoscope	0	4	0	9,744	-	4	0	9,744	-	4	0	12,000	-	4	0	20,000	-
75		Set of Surgical Instruments	0	3	0	141,750	-	3	0	141,750	-	3	0	160,000	-	3	0	220,000	-
76	Others	Stretcher	10	0	10	68,250	682,500	0	10	68,250	682,500	0	10	69,300	693,000	0	10	69,300	693,000
77		wheel chair	10	0	10	31,500	315,000	0	10	31,500	315,000	0	10	35,000	350,000	0	10	35,000	350,000
78		foot support	6	0	6	4,200	25,200	0	6	4,200	25,200	0	6	4,500	27,000	0	6	5,148	30,888
79		Resuscitation trolly With Crash Cart	5	1	4	237,618	950,473	1	4	237,618	950,473	1	4	400,000	1,600,000	1	4	600,000	2,400,000
80		BP Appratus	15	5	10	15,750	157,500	5	10	15,750	157,500	5	10	16,000	160,000	5	10	16,000	160,000
81		Ventilator	0	2	0	2,195,080	-	2	0	2,195,080	-	2	0	3,500,000	-	2	0	5,500,000	-
82		CPAP	1	1	0	1,098,510	-	1	0	1,098,510	-	1	0	2,100,000	-	1	0	2,800,000	-
83		X-RAY PROCESSOR	1	0	1	858,440	858,440	0	1	858,440	858,440	0	1	925,000	925,000	0	1	1,200,000	1,200,000
84		Hand wash Scrub Double Bay	2	0	2	94,500	189,000	0	2	94,500	189,000	0	2	100,000	200,000	0	2	140,000	280,000
85		Image Inensifier	0	0	0	4,667,460	-	0	0	4,667,460	-	0	0	4,667,460	-	0	0	12,000,000	-
86		Central Medical Gas Pipe Line System	7	0	7	850,000	5,950,000	0	7	850,000	5,950,000	0	7	-	-	0	7	-	-
87	ICU	Motorized Patient bed with bed side,Mattress,IV stand, Attendant Bench	4	0	4	210,000	840,000	0	4	210,000	840,000	0	4	400,000	1,600,000	0	4	600,000	2,400,000
88		Sphygmomanometer wall mtd	4	0	4	15,750	63,000	0	4	15,750	63,000	0	4	30,000	120,000	0	4	35,000	140,000
89		Resuscitation trolly With Crash Cart	2	0	2	244,733	489,466	0	2	244,733	489,466	0	2	400,000	800,000	0	2	600,000	1,200,000
90		Defibrilator	1	0	1	299,153	299,153	0	1	299,153	299,153	0	1	650,000	650,000	0	1	800,000	800,000
91		Defibrillator with Monitor	0	0	0	330,750	-	0	0	330,750	-	0	0	650,000	-	0	0	800,000	-
92		ECG Machine Three Channel	0	0	0	169,785	-	0	0	169,785	-	0	0	180,000	-	0	0	300,000	-
93		Syringe pump	1	0	1	108,780	108,780	0	1	108,780	108,780	0	1	125,000	125,000	0	1	200,000	200,000
94		Suction Pump	0	0	0	259,350	-	0	0	259,350	-	0	0	275,000	-	0	0	300,000	-
95		ICU Monitor	0	0	0	298,200	-	0	0	298,200	-	0	0	900,000	-	0	0	1,250,000	-
96		Instrument Trolley	1	0	1	55,000	55,000	0	1	55,000	55,000	0	1	55,000	55,000	0	1	55,000	55,000
97		Ward instruments	0	0	0	-	-	0	0	-	-	0	0	-	-	0	0	-	-
98		Ventilator intensive care	2	0	2	1,600,000	3,200,000	0	2	1,600,000	3,200,000	0	2	3,500,000	7,000,000	0	2	5,500,000	11,000,000
99		CPAP with humidifier	0	0	0	1,098,510	-	0	0	1,098,510	-	0	0	2,100,000	-	0	0	2,800,000	-
100		DELIVERY TROLLY STAINLESS STEEL	1	0	1	23,835	23,835	0	1	23,835	23,835	0	1	47,250	47,250	0	1	47,250	47,250
101		Ambu-Bag, adult	4	0	4	17,325	69,300	0	4	17,325	69,300	0	4	19,000	76,000	0	4	19,000	76,000
102		Ambu-Bag, paeds	4	0	4	17,325	69,300	0	4	17,325	69,300	0	4	19,000	76,000	0	4	19,000	76,000
103	MORTUERY	TWO BODY REFRIGERATOR WITH CASTERS 220v 50Hz Along with Atopsy Table & Lifter Trolley	1	0	1	2,470,546	2,470,546	0	1	2,470,546	2,470,546	0	1	3,000,000	3,000,000	0	1	3,500,000	3,500,000
104	Dental Unit	Dental Unit	2	0	2	2,190,000	4,380,000	0	2	2,190,000	4,380,000	0	2	2,820,000	5,640,000	0	2	2,820,000	5,640,000
105		Autoclave	1	0	1	441,000	441,000	0	1	441,000	441,000	0	1	550,000	550,000	0	1	850,000	850,000
106		Dental X-RAY Machine	1	0	1	282,975	282,975	0	1	282,975	282,975	0	1	350,000	350,000	0	1	525,000	525,000
107		Digital Intra Oral Camera	0	0	0	94,500	-	0	0	94,500	-	0	0	150,000	-	0	0	600,000	-
108		DENTAL CAUTERY	0	0	0	84,000	-	0	0	84,000	-	0	0	160,000	-	0	0	900,000	-
109		Ultrasonic scaling	1	0	1	120,750	120,750	0	1	120,750	120,750	0	1	175,000	175,000	0	1	300,000	300,000

Medical Equipment

Sr. No.	Area	Name of Equipment	Yard Stick	Original				1st Revised				2nd Revised				3rd Revised			
				Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost
110		Curing lights	1	0	1	52,500	52,500	0	1	52,500	52,500	0	1	95,000	95,000	0	1	150,000	150,000
111		Endo motor system	1	0	1	199,601	199,601	0	1	199,601	199,601	0	1	265,000	265,000	0	1	500,000	500,000
112		Dental cabinet	0	0	0	42,000	-	0	0	42,000	-	0	0	70,000	-	0	0	160,000	-
113		Dental examination/surgical instrument sets	4	0	4	157,500	630,000	0	4	157,500	630,000	0	4	175,000	700,000	0	4	175,000	700,000
131	Beds	Fowler beds with Mattress	40	0	40	70,000	2,800,000	0	40	70,000	2,800,000	0	40	110,000	4,400,000	0	40	150,000	6,000,000
		Total					37,373,495				37,373,495			101,459,295	46,975,320			162,507,948	65,002,138
							37.373				37.373			101.459	46.975			162.508	65.002

Electricity

Sr. No.	Item Name	Original			1st Revised			2nd Revised			3rd Revised		
		Quantity	Per Unit Cost	Total Cost	Quantity	Per Unit Cost	Total Cost	Quantity	Per Unit Cost	Total Cost	Quantity	Per Unit Cost	Total Cost
1	Transformers (200 KVA)	1	600,000	600,000	1	600,000	600,000	1	600,000	600,000	1	600,000	600,000
2	Transformers (100 KVA)	1	450,000	450,000	1	450,000	450,000	1	450,000	450,000	1	450,000	450,000
3	Generator (200 KVA)	0	4,000,000	-	0	4,000,000	-	0	4,000,000	-	0	4,000,000	-
4	Generator (100 KVA)	1	2,300,000	2,300,000	1	2,300,000	2,300,000	1	2,300,000	2,300,000	2	3,400,000	6,800,000
5	2 Ton air conditioners (split)	50	55,500	2,775,000	50	55,500	2,775,000	50	55,500	2,775,000	50	55,500	2,775,000
6	2 Ton air conditioners (Cabinet)	50	78,000	3,900,000	50	78,000	3,900,000	50	78,000	3,900,000	50	78,000	3,900,000
7	4 Ton air conditioners (Cabinet)	12	120,000	1,440,000	12	120,000	1,440,000	12	120,000	1,440,000	12	120,000	1,440,000
8	Ceiling Fans 56"	20	3,090	61,800	20	3,090	61,800	20	3,090	61,800	20	3,090	61,800
10	Bracket Fans 18"	48	3,280	157,440	48	3,280	157,440	48	3,280	157,440	48	3,280	157,440
9	Exhaust Fans	36	3,000	108,000	36	3,000	108,000	36	3,000	108,000	36	3,000	108,000
11	Dual Connection of Electricity / Express Line	1	5,000,000	5,000,000	1	5,000,000	5,000,000	1	5,000,000	5,000,000	1	5,000,000	5,000,000
	Total			**16,792,240**			**16,792,240**			**16,792,240**			**21,292,240**
				16.792			**16.792**			**16.792**			**21.292**

IT & QMS & Surveillance

Sr. No.	Item Name	Original Quantity	Original Per Unit Cost	Original Total Cost	1st Revised Quantity	1st Revised Per Unit Cost	1st Revised Total Cost	2nd Revised Quantity	2nd Revised Per Unit Cost	2nd Revised Total Cost	3rd Revised Quantity	3rd Revised Per Unit Cost	3rd Revised Total Cost
1	Desktop, UPS, LED	30	75,000	2,250,000	30	75,000	2,250,000	30	130,000	3,900,000	30	216,000	6,480,000
2	MS Windows License	30	20,000	600,000	30	20,000	600,000	30	20,000	600,000	30	20,000	600,000
3	Scanner Flatbed with ADF	3	90,000	270,000	3	90,000	270,000	3	150,000	450,000	3	150,000	450,000
4	Heavy duty Printer	7	40,000	280,000	7	40,000	280,000	7	50,000	350,000	7	110,000	770,000
5	Multimedia Projector with Screen	1	100,000	100,000	1	100,000	100,000	1	100,000	100,000	1	100,000	100,000
6	Tabs	4	50,000	200,000	4	50,000	200,000	4	50,000	200,000	4	50,000	200,000
7	Laptop	1	100,000	100,000	1	100,000	100,000	1	100,000	100,000	1	100,000	100,000
8	MS Windows License	1	20,000	20,000	1	20,000	20,000	1	20,000	20,000	1	20,000	20,000
9	QMS System	1	3,700,000	3,700,000	1	3,700,000	3,700,000	1	4,000,000	4,000,000	1	4,000,000	4,000,000
10	Networking	1	995,000	995,000	1	995,000	995,000	1	995,000	995,000	1	1,200,000	1,200,000
11	Monitoring & Surveillance (CCTV)	1	5,000,000	5,000,000	1	5,000,000	5,000,000	1	5,000,000	5,000,000	1	5,000,000	5,000,000
12	Public Address System	1	1,000,000	1,000,000	1	1,000,000	1,000,000	1	1,000,000	1,000,000	1	1,200,000	1,200,000
	Total			**14,515,000**			**14,515,000**			**16,715,000**			**20,120,000**
				14.515			**14.515**			**16.715**			**20.120**

Furniture and Fixtures

Sr. No.	Item Name	Original Quantity	Original Unit Price	Original Total	1st Revised Quantity	1st Revised Unit Price	1st Revised Total	2nd Revised Quantity	2nd Revised Unit Price	2nd Revised Total	3rd Revised Quantity	3rd Revised Unit Price	3rd Revised Total
1	Benches (internal)	60	30,000	1,800,000	60	30,000	1,800,000	60	30,000	1,800,000	60	40000	2,400,000
2	Benches (external)	10	10,000	100,000	10	10,000	100,000	10	10,000	100,000	10	40000	400,000
3	Electric Water Cooler	8	45,000	360,000	8	45,000	360,000	8	45,000	360,000	8	60000	480,000
4	Doctors rooms Furniture	30	70,000	2,100,000	30	70,000	2,100,000	30	70,000	2,100,000	30	125000	3,750,000
5	Examination couches	10	35,000	350,000	10	35,000	350,000	10	35,000	350,000	10	35000	350,000
6	Fire Blanket	5	2,500	12,500	5	2,500	12,500	5	2,500	12,500	5	3000	15,000
7	Fire Extinguisher (Water Based)	30	8,000	240,000	30	8,000	240,000	30	8,000	240,000	30	2500	75,000
8	Acrylic Board	150	2,200	330,000	150	2,200	330,000	150	2,200	330,000	150	2000	300,000
9	Rostrum	2	18,000	36,000	2	18,000	36,000	2	18,000	36,000	2	20000	40,000
10	Blinds for windows	6000	150	900,000	6000	150	900,000	6000	150	900,000	6000	200	1,200,000
11	Paintings	100	6,000	600,000	100	6,000	600,000	100	6,000	600,000	100	5000	500,000
12	Waste Bin Sets (3 bin)	40	6,000	240,000	40	6,000	240,000	40	6,000	240,000	40	9000	360,000
13	Printing			1,000,000			1,000,000			1,000,000			1,000,000
	Machinery and Equipment's												
14	Refrigerator(Domestic) front glass double door	2	160,000	320,000	2	160,000	320,000	2	160,000	320,000	2	150000	300,000
15	Refrigerator glass single door	5	80,000	400,000	5	80,000	400,000	5	80,000	400,000	5	90000	450,000
16	Refrigerator 16 cft	5	36,000	180,000	5	36,000	180,000	5	36,000	180,000	5	50000	250,000
17	Air Curtain On Door	5	50,000	250,000	5	50,000	250,000	5	50,000	250,000	5	75000	375,000
18	Washing machines for pantries	3	13,000	39,000	3	13,000	39,000	3	13,000	39,000	3	11000	33,000
19	Gas Burner for pantries	10	4,800	48,000	10	4,800	48,000	10	4,800	48,000	10	80000	800,000
20	Fire Extinguishers DCP	30	4,800	144,000	30	4,800	144,000	30	4,800	144,000	30	6500	195,000
21	LED TV	15	55,000	825,000	15	55,000	825,000	15	55,000	825,000	15	140000	2,100,000
22	Industrial Exhaust	5	50,000	250,000	5	50,000	250,000	5	50,000	250,000	5	60000	300,000
23	Acrylic Display Board	4	20,000	80,000	4	20,000	80,000	4	20,000	80,000	4	20000	80,000
	Laundry & Washing												
24	Bed Sheets and pillow covers	300	1,250	375,000	300	1,250	375,000	300	1,250	375,000	300	2500	750,000
25	Pillows	150	400	60,000	150	400	60,000	150	400	60,000	150	500	75,000
26	Blankets with covers	100	5,000	500,000	100	5,000	500,000	100	5,000	500,000	100	4000	400,000
	Medicine Store												
27	Medicine (Iron Racks) 8x6x2 (Required)	20	50,000	1,000,000	20	50,000	1,000,000	20	50,000	1,000,000	20	60000	1,200,000
28	Moveable Iron Stairs (Required)	2	15,000	30,000	2	15,000	30,000	2	15,000	30,000	2	20000	40,000
29	Lifters (Required)	2	37,000	74,000	2	37,000	74,000	2	37,000	74,000	2	35000	70,000
30	Pallets 3x4 (Plastic) (Required)	20	12,000	240,000	20	12,000	240,000	20	12,000	240,000	20	10000	200,000
31	Dehumidifier (Required)	1	100,000	100,000	1	100,000	100,000	1	100,000	100,000	1	125000	125,000
32	Insect Killer (Required)	25	8,000	200,000	25	8,000	200,000	25	8,000	200,000	25	6500	162,500
33	Thermometer (Required)	20	16,000	320,000	20	16,000	320,000	20	16,000	320,000	20	600	12,000
	Total			13,503,500			13,503,500			13,503,500			18,787,500
				13.504			13.504			13.504			18.788

Signage and plaques

Sr No	Type	Kinds of Sign Boards	Original			1st Revised			2nd Revised			3rd Revised		
			Quantity	Rates	Cost	Quantity	Rates	Cost	Quantity	Rates	Cost	Quantity	Rates	Cost
		External Sign Boards												
1	A1	External Platform/Road Signage (Circular)	6	10,119	60,714	6	10,119	60,714	6	13,951	83,706	6	13,951	83,706
2	A2	External Platform/Road Signage (Triangular)	6	9,257	55,542	6	9,257	55,542	6	12,762	76,574	6	12,762	76,574
3	B1	Main Directional Board	1	112,496	112,496	1	112,496	112,496	1	155,107	155,107	1	155,107	155,107
4	C1	Directional Board (Single Sheet)	10	14,454	144,540	10	14,454	144,540	10	19,929	199,290	10	19,929	199,290
5	C2	Directional Board (Two Sheets)	1	22,495	22,495	1	22,495	22,495	1	31,016	31,016	1	31,016	31,016
6	C3	Directional Board (Three Sheets)	1	30,158	30,158	1	30,158	30,158	1	41,581	41,581	1	41,581	41,581
7	C4	Directional Board (Four Sheets)	1	37,243	37,243	1	37,243	37,243	1	51,351	51,351	1	51,351	51,351
8	C5	Directional Board (Five Sheets)	1	45,228	45,228	1	45,228	45,228	1	62,360	62,360	1	62,360	62,360
9	C6	Directional Board (Six Sheets)	1	52,808	52,808	1	52,808	52,808	1	72,810	72,810	1	72,810	72,810
10	C7	Additional Panel (For Fixation on existing Foundation & Posts)	3	7,944	23,832	3	7,944	23,832	3	10,952	32,857	3	10,952	32,857
11	D1	Departmental Signage on Building	6	47,206	283,236	6	47,206	283,236	6	65,087	390,524	6	65,087	390,524
12	E1	External Map Boards	2	41,187	82,374	2	41,187	82,374	2	56,788	113,576	2	56,788	113,576
		Internal Signage	0		-	0		-	0		-	0		-
1	F1	Internal Hanging Signage (Main Entrance)	5	90,873	454,365	5	90,873	454,365	5	125,294	626,472	5	125,294	626,472
2	F2	Internal Hanging Signage (Main Entrance 2)	5	69,188	345,940	5	69,188	345,940	5	95,396	476,980	5	95,396	476,980
3	F3	Internal Hanging Signage (Corridor)	4	51,241	204,964	4	51,241	204,964	4	70,651	282,604	4	70,651	282,604
4	F4	Internal Hanging Signage (Corridor 2)	4	51,835	207,340	4	51,835	207,340	4	71,470	285,880	4	71,470	285,880
5	G1	Internal Department Signage on wall	7	13,107	91,749	7	13,107	91,749	7	18,071	126,498	7	18,071	126,498
6	H1	Specialist Name Plaques fixed on wall	20	3,767	75,340	20	3,767	75,340	20	5,194	103,880	20	5,194	103,880
7	J1	Room Name Plaques and Numbers fixed on wall	100	866	86,600	100	866	86,600	100	1,194	119,420	100	1,194	119,420
8	K1	Internal Wall Signage	100	1,423	142,300	100	1,423	142,300	100	1,961	196,140	100	1,961	196,140
9	L1	Room Numbers Fixed on Wall	50	3,611	180,550	50	3,611	180,550	50	4,978	248,920	50	4,978	248,920
10	M1	Advance Fire Exit Sign	10	1,837	18,370	10	1,837	18,370	10	2,534	25,340	10	2,534	25,340
11	M2	Fire Exit Sign Mounted Above the Door	10	1,271	12,710	10	1,271	12,710	10	1,753	17,528	10	1,753	17,528
12	N1	Fire Safety/Equipment Signage	20	2,434	48,680	20	2,434	48,680	20	3,357	67,144	20	3,357	67,144
13	P1	Floor Map Board	5	21,088	105,440	5	21,088	105,440	5	29,075	145,376	5	29,075	145,376
14	Q1	Caution Signage	25	2,173	54,325	25	2,173	54,325	25	2,996	74,900	25	2,996	74,900
15	Q2	Caution Signage	5	653	3,265	5	653	3,265	5	902	4,508	5	902	4,508
16	Q3	Caution Signage	10	1,143	11,430	10	1,143	11,430	10	1,576	15,764	10	1,576	15,764
17	Q4	Caution Signage	15	888	13,320	15	888	13,320	15	1,225	18,375	15	1,225	18,375
		Total			**3,007,354**			**3,007,354**			**4,146,482**			**4,146,482**
		Designing and Site Supervision			90,221			90,221			124,394			124,394
		Grand Total			**3,097,575**			**3,097,575**			**4,270,877**			**4,270,877**
					3.098			3.098			4.271			4.271

DAY CARE CENTER

Yard Stick as per Women Dvelopment Department

Sr. No.	ITEMS	Original Yard Stick (DCC of 25 Kids)	Unit Cost	Total	1st Revised Yard Stick (DCC of 25 Kids)	Unit Cost	Total	2nd Revised Yard Stick (DCC of 25 Kids)	Unit Cost	Total	3rd Revised Yard Stick (DCC of 25 Kids)	Unit Cost	Total
1	Cylinder Block	1	3,000	3,000	1	3,000	3,000	1	3,000	3,000	1	3,000	3,000
2	Geometrical Cabinet (36 pcs)	1	4,000	4,000	1	4,000	4,000	1	4,000	4,000	1	4,000	4,000
3	Geometrical Solids (10 pcs)	1	2,200	2,200	1	2,200	2,200	1	2,200	2,200	1	2,200	2,200
4	Base for Geometrical Solids (14 pcs)	1	2,000	2,000	1	2,000	2,000	1	2,000	2,000	1	2,000	2,000
5	Constructive Triangles (4 box)	1	400	400	1	400	400	1	400	400	1	400	400
6	Metal Insets (10 - shape)	1	1,000	1,000	1	1,000	1,000	1	1,000	1,000	1	1,000	1,000
7	Stand for metal insets	1	2,000	2,000	1	2,000	2,000	1	2,000	2,000	1	2,000	2,000
8	Paper Board for metal insets (10 Boards)	1	5,000	5,000	1	5,000	5,000	1	5,000	5,000	1	5,000	5,000
9	Sandpaper Alphabets (English)	3	2,000	6,000	3	2,000	6,000	3	2,000	6,000	3	2,000	6,000
10	Sandpaper Alphabets (Urdu)	3	3,500	10,500	3	3,500	10,500	3	3,500	10,500	3	3,500	10,500
11	Sandpaper Number	3	2,000	6,000	3	2,000	6,000	3	2,000	6,000	3	2,000	6,000
12	Hammer Case	2	1,000	2,000	2	1,000	2,000	2	1,000	2,000	2	1,000	2,000
13	Soft Reading Book	15	200	3,000	15	200	3,000	15	200	3,000	15	200	3,000
14	Shape Sorting Case	2	500	1,000	2	500	1,000	2	500	1,000	2	500	1,000
15	Transport Set (Model)	2	700	1,400	2	700	1,400	2	700	1,400	2	700	1,400
16	Model Puzzles (S)	7	300	2,100	7	300	2,100	7	300	2,100	7	300	2,100
17	Model Puzzles (B)	7	500	3,500	7	500	3,500	7	500	3,500	7	500	3,500
18	Storybook	20	100	2,000	20	100	2,000	20	100	2,000	20	100	2,000
19	Information Book (Large)	20	350	7,000	20	350	7,000	20	350	7,000	20	350	7,000
20	Basket (L)	10	1,000	10,000	10	1,000	10,000	10	1,000	10,000	10	1,000	10,000
21	Basket (S)	10	600	6,000	10	600	6,000	10	600	6,000	10	600	6,000
22	Color table Box	2	1,000	2,000	2	1,000	2,000	2	1,000	2,000	2	1,000	2,000
23	ABC Block	4	500	2,000	4	500	2,000	4	500	2,000	4	500	2,000
24	Number Block	4	500	2,000	4	500	2,000	4	500	2,000	4	500	2,000
25	Color Pensils (Large)	5	450	2,250	5	450	2,250	5	450	2,250	5	450	2,250
26	Color Crayons (Large)	5	300	1,500	5	300	1,500	5	300	1,500	5	300	1,500
27	Marker Color (Board and Permanent)	15	395	5,925	15	395	5,925	15	395	5,925	15	395	5,925
28	Fruits Basket (Model Set)	2	1,000	2,000	2	1,000	2,000	2	1,000	2,000	2	1,000	2,000
29	Vegetables Basket (Model Set)	2	1,000	2,000	2	1,000	2,000	2	1,000	2,000	2	1,000	2,000
30	Animal Sets	2	600	1,200	2	600	1,200	2	600	1,200	2	600	1,200
31	Insects sets	2	400	800	2	400	800	2	400	800	2	400	800
32	Shape Sorting House	2	1,500	3,000	2	1,500	3,000	2	1,500	3,000	2	1,500	3,000
33	Flash card (Small)	10	120	1,200	10	120	1,200	10	120	1,200	10	120	1,200
34	Flash card (Big)	10	325	3,250	10	325	3,250	10	325	3,250	10	325	3,250
35	Sand Play	2	1,000	4,000	2	1,000	4,000	2	1,000	4,000	2	1,000	4,000
36	Gym Play	2	2,000	3,000	2	2,000	3,000	2	2,000	3,000	2	2,000	3,000
37	Straight Mats	20	1,500	40,000	20	1,500	40,000	20	1,500	40,000	20	1,500	40,000
38	Folding Mats	20	2,000	6,000	20	2,000	6,000	20	2,000	6,000	20	2,000	6,000
39	Diaper Changing Mats	3	300	1,500	3	300	1,500	3	300	1,500	3	300	1,500
40	Cube Cushion	2	500	1,000	2	500	1,000	2	500	1,000	2	500	1,000
41	Square Cushion	2	500	600	2	500	600	2	500	600	2	500	600
42	Baby Mirror	3	300	2,400	3	300	2,400	3	300	2,400	3	300	2,400
43	Pink Tower With Stand	1	800	500	1	800	500	1	800	500	1	800	500
44	Dressing Frames	10	500	8,000	10	500	8,000	10	500	8,000	10	500	8,000
45	Monkey Stuffed	2	800	2,400	2	800	2,400	2	800	2,400	2	800	2,400
46	Lion Stuffed	2	1,200	3,400	2	1,200	3,400	2	1,200	3,400	2	1,200	3,400
47	Cater Pillar Stuffed	2	1,700	3,000	2	1,700	3,000	2	1,700	3,000	2	1,700	3,000

DAY CARE CENTER

Yard Stick as per Women Dvelopment Department

Sr. No.	ITEMS	Original			1st Revised			2nd Revised			3rd Revised		
		Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total
48	Stuffed toys (Animal shaped i.e. Moneky, lion, caterpillar etc)	6	1,500	9,000	6	1,500	9,000	6	1,500	9,000	6	1,500	9,000
49	Long Roads with Stands	1	1,500	1,500	1	1,500	1,500	1	1,500	1,500	1	1,500	1,500
50	Number Rods	1	500	500	1	500	500	1	500	500	1	500	500
51	Stand Number Rods	1	800	800	1	800	800	1	800	800	1	800	800

DAY CARE CENTER

Yard Stick as per Women Dvelopment Department

Sr. No.	ITEMS	Original			1st Revised			2nd Revised			3rd Revised		
		Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total
52	Soft toys	2	700	1,400	2	700	1,400	2	700	1,400	2	700	1,400
53	Infants Manual Weight Machine	1	1,000	1,000	1	1,000	1,000	1	1,000	1,000	1	1,000	1,000
54	Toddlers Manual Weight Machine	1	1,000	1,000	1	1,000	1,000	1	1,000	1,000	1	1,000	1,000
55	Tri Cycles	4	3,500	14,000	4	3,500	14,000	4	3,500	14,000	4	3,500	14,000
56	Wooden Cots	10	10,000	100,000	10	10,000	100,000	10	10,000	100,000	10	10,000	100,000
57	Mattresses for Cots	10	1,200	12,000	10	1,200	12,000	10	1,200	12,000	10	1,200	12,000
58	Pillows	10	300	3,000	10	300	3,000	10	300	3,000	10	300	3,000
59	Bed Sheets and pillow covers	20	400	8,000	20	400	8,000	20	400	8,000	20	400	8,000
60	Nets	10	600	6,000	10	600	6,000	10	600	6,000	10	600	6,000
61	High Chairs for feeding	15	3,000	45,000	15	3,000	45,000	15	3,000	45,000	15	3,000	45,000
62	Rockers Cum Bouncer	8	2,500	20,000	8	2,500	20,000	8	2,500	20,000	8	2,500	20,000
63	Cot Mobile	10	1,500	15,000	10	1,500	15,000	10	1,500	15,000	10	1,500	15,000
64	Plastic Chairs (Round edges Animal Shapes)	7	600	4,200	7	600	4,200	7	600	4,200	7	600	4,200
65	Multi-Purpose Table	2	3,000	6,000	2	3,000	6,000	2	3,000	6,000	2	3,000	6,000
66	Writing Board	1	500	500	1	500	500	1	500	500	1	500	500
67	Electric Sterilizer	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000
68	Electric Warmer	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000
69	Table sets	2	4,000	8,000	2	4,000	8,000	2	4,000	8,000	2	4,000	8,000
70	Rocker	6	3,200	19,200	6	3,200	19,200	6	3,200	19,200	6	3,200	19,200
71	Activity Gym (Infants)	5	2,000	10,000	5	2,000	10,000	5	2,000	10,000	5	2,000	10,000
72	Play Gym	5	2,700	13,500	5	2,700	13,500	5	2,700	13,500	5	2,700	13,500
73	Activity Gym (Toddlers)	5	2,000	10,000	5	2,000	10,000	5	2,000	10,000	5	2,000	10,000
74	Toiler Training Seat	10	3,000	30,000	10	3,000	30,000	10	3,000	30,000	10	3,000	30,000
75	Infant Toys	30	4,000	120,000	30	4,000	120,000	30	4,000	120,000	30	4,000	120,000
76	Bath Toys	15	1,000	15,000	15	1,000	15,000	15	1,000	15,000	15	1,000	15,000
77	Fun Links Teether	15	300	4,500	15	300	4,500	15	300	4,500	15	300	4,500
78	Fun Pal Teether	15	500	7,500	15	500	7,500	15	500	7,500	15	500	7,500
79	Fun Rattle	15	400	6,000	15	400	6,000	15	400	6,000	15	400	6,000
80	Mother feeding Chair	1	3,000	3,000	1	3,000	3,000	1	3,000	3,000	1	3,000	3,000
81	Soft Books (duplication)	20	500	10,000	20	500	10,000	20	500	10,000	20	500	10,000
82	Bottle Brushes	3	300	900	3	300	900	3	300	900	3	300	900
List of others Items i.e. Kitchen, Office, Electric				-			-			-			-
1	Water Dispenser	1	14,000	14,000	1	14,000	14,000	1	14,000	14,000	1	14,000	14,000
2	Microwave Oven	1	12,400	12,400	1	12,400	12,400	1	12,400	12,400	1	12,400	12,400
3	Fridge	1	34,000	34,000	1	34,000	34,000	1	34,000	34,000	1	34,000	34,000
4	Kitchen Accessories / Cutleries etc.	24	200	4,800	24	200	4,800	24	200	4,800	24	200	4,800
5	Sofa Set	1	40,000	40,000	1	40,000	40,000	1	40,000	40,000	1	40,000	40,000
6	Office Table	1	5,000	5,000	1	5,000	5,000	1	5,000	5,000	1	5,000	5,000
7	Office Chairs	5	10,000	50,000	5	10,000	50,000	5	10,000	50,000	5	10,000	50,000
8	Air Conditioner	2	42,000	84,000	2	42,000	84,000	2	42,000	84,000	2	42,000	84,000
9	LCD	1	27,000	27,000	1	27,000	27,000	1	27,000	27,000	1	27,000	27,000
10	DVD player	1	5,000	5,000	1	5,000	5,000	1	5,000	5,000	1	5,000	5,000
11	CCTV Cameras	1	100,000	100,000	1	100,000	100,000	1	100,000	100,000	1	100,000	100,000
12	Fire Alarms	3	5,000	15,000	3	5,000	15,000	3	5,000	15,000	3	5,000	15,000
13	UPS	1	10,000	10,000	1	10,000	10,000	1	10,000	10,000	1	10,000	10,000
14	Vacuum Cleaner	1	7,000	7,000	1	7,000	7,000	1	7,000	7,000	1	7,000	7,000
15	Fire Extinguishers (Large)	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000
16	Electric Insect Killer	2	7,800	15,600	2	7,800	15,600	2	7,800	15,600	2	7,800	15,600
17	Electric Hand Dryer	1	4,000	4,000	1	4,000	4,000	1	4,000	4,000	1	4,000	4,000

DAY CARE CENTER

Yard Stick as per Women Dvelopment Department

Sr. No.	ITEMS	Original			1st Revised			2nd Revised			3rd Revised		
		Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total
18	Electric Heater	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000
19	Ceiling/bracket Fans	4	8,000	32,000	4	8,000	32,000	4	8,000	32,000	4	8,000	32,000
20	Curtains	2	45,000	90,000	2	45,000	90,000	2	45,000	90,000	2	45,000	90,000
21	Carpets	1	100,000	100,000	1	100,000	100,000	1	100,000	100,000	1	100,000	100,000
22	Other miscellaneous items	1	218,675	218,675	1	218,675	218,675	1	218,675	218,675	1	218,675	218,675
	TOTAL			**1,600,000**			**1,600,000**			**1,600,000**			**1,600,000**
				1.600			1.600			1.600			1.600

Human Resource Model of THQ Hospital

Sr. No.	NAME OF POST	Original				1st Revised				2nd Revised				3rd Revised				
		No. of Employees	Per Month Salary	Per Month Salary for Person	Salary for One Year	No. of Employees	Per Month Salary	Per Month Salary for Person	Salary for One Year	No. of Employees	Per Month Salary	Per Month Salary for Person	Salary for Two Years	No. of Employees	Project Pay Scale	Per Month Salary	Per Month Salary for all Person	Salary for Two Years
1	ADMIN OFFICER	1	60,000	60,000	720,000	1	60,000	60,000	720,000	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
2	HUMAN RESOURCE & LEGAL OFFICER	1	60,000	60,000	720,000	1	60,000	60,000	720,000	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
3	IT/STATISTICAL OFFICER	1	60,000	60,000	720,000	1	60,000	60,000	720,000	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
4	FINANCE, BUDGET & AUDIT OFFICER	1	60,000	60,000	720,000	1	60,000	60,000	720,000	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
5	PROCUREMENT OFFICER	1	60,000	60,000	720,000	1	60,000	60,000	720,000	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
6	QUALITY ASSURANCE OFFICER	1	60,000	60,000	720,000	1	60,000	60,000	720,000	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
7	LOGISTICS OFFICER	1	60,000	60,000	720,000	1	60,000	60,000	720,000	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
8	DATA ENTRY OPERAOTOR (DEO)	2	25,000	50,000	600,000	2	25,000	50,000	600,000	2	35,000	70,000	1,680,000	2	3	44,000	88,000	2,728,000
9	ASSISTANT ADMIN OFFICER	2	40,000	80,000	960,000	2	40,000	80,000	960,000	2	50,000	100,000	2,400,000	2	5	70,000	140,000	4,340,000
10	**HR FOR QMS and MSDS and Day Care Center**																	
11	QMS Supervisor / Information Desk Officer	2	25,000	50,000	600,000	2	25,000	50,000	600,000	2	25,000	50,000	600,000	2		25,000	50,000	600,000
12	Computer Operator	8	20,000	160,000	1,920,000	8	20,000	160,000	1,920,000	8	20,000	160,000	1,920,000	8		20,000	160,000	1,920,000
13	Consultants (MSDS) Implementation & Clinical Audit	1	100,000	100,000	1,200,000	1	100,000	100,000	1,200,000	1	100,000	100,000	1,200,000	1		100,000	100,000	1,200,000
14	Training on MSDS Compliance for Staff of THQ Hospital	1000	4,000	4,000,000	4,000,000	1000	4,000	4,000,000	4,000,000	1000	4,000	4,000,000	4,000,000	1000		4,000	4,000,000	4,000,000
15	Rent for Vehicle				500,000				500,000				500,000				0	500,000
16	Manager Day Care Center	1	45,000	45,000	540,000	1	45,000	45,000	540,000	1	45,000	45,000	540,000	1		45,000	45,000	540,000
17	Montessori Trained Teacher	1	35,000	35,000	420,000	1	35,000	35,000	420,000	1	35,000	35,000	420,000	1		35,000	35,000	420,000
18	Attendant / Care Giver	4	25,000	100,000	1,200,000	4	25,000	100,000	1,200,000	4	25,000	100,000	1,200,000	4		25,000	100,000	1,200,000
19	Office Boy	1	20,000	20,000	240,000	1	20,000	20,000	240,000	1	20,000	20,000	240,000	1		20,000	20,000	240,000
	Sub Total of HR Model			4,860,000	17,220,000			4,860,000	17,220,000			5,040,000	28,140,000				5,273,000	40,473,000
					17.220				17.220				28.140					40.473
	Utilization of HR Component								8.250				13.07					
	Total of HR Component												36.39					53.545

Janitorial Services

	Original			From 1st Revised to onward
Assumptions				In the light of decision made during the Progress Review Meeting of Revamping of DHQ/THQ Hospitals held on 01-01-2018 under the Chairmanship of Chairman, P&D Board; it was inter alia decided as under: **"It would be made sure by the P&SH Department that the outsourcing would be shifted to the non-development side from 1st July 2018 next FY".** In view of above, Outsourcing cost has been excluded from this PC-I.
Covered area excluding residential area	31,400	sft		
Covered area assigned to one sweeper	7,500	sft		
Number of sweepers required for covered area	4	Persons		
Road and ROW area	86,684	sft		
Road and ROW assigned to one sweeper	15,000	sft		
Number of sweepers required for road and ROW area	6	Persons		
Number of washroom blocks	15	blocks		
Number of washroom block assigned to one sweeper	3	Persons		
Number of sweepers required for total washroom blocks	5	Persons		
Total sweeper in morning shift	15	Persons		
Total number of sweepers in evening shift	8	Persons		
Total number of sweepers in night shift	8	Persons		
Total number of sweepers in all shifts	30	Persons		
Number of sewer men required	3	Persons		
Number of supervisors	3	Persons		

Salary component			
Type of worker	No of workers	Salary per month	Salary for One Year
Sweepers / Janitors	30	22,000	8,018,560
Sewer men	3	22,000	792,000
Supervisors	3	26,000	936,000
Cost of Supply per Month		400,000	4,800,000
Sub Total (Salary component)			**14,546,560**

14.547

Security and Parking

Assumptions		Original	From 1st Revised to onward
Covered area excluding residences	31,400		In the light of decision made during the Progress Review Meeting of Revamping of DHQ/THQ Hospitals held on 01-01-2018 under the Chairmanship of Chairman, P&D Board; it was inter alia decided as under:
Covered Area per guard	15,000		**"It would be made sure by the P&SH Department that the outsourcing would be shifted to the non-development side from 1st July 2018 next FY".**
Number of guards	**2**		In view of above, Outsourcing cost has been excluded from this PC-I.
Open area excluding parking area	86,684		
Area covered per guard per shift for open area excluding parking	15,000		
Number of guards for total area excluding parking area	**6**		
Number of gates	3		
Number of guards at gates	**6**		
Total No of Guard	**14**		
Total number of all guards for second shift	**7**		
Lady Searcher	**4**		
Number of parking areas	1		
Number of guards for parking lot per shift (Morning+ Evening)	**2**		
Total no. of Supervisors	**2**		

Type of worker	No of workers	Salary per month	Salary per Month for all Person	Salary for One year
Supervisors	2	24,675	49,350	592,200
Ex-Army	8	21,525	172,200	2,066,400
Civilian	11	21,000	231,000	2,772,000
Lady Searcher	4	21,525	86,100	1,033,200
Parking	2	21,525	43,050	516,600
Sub total				**6,980,400**
Equipment cost				
Lump sum Provision (Walk Through Gate=1, Metal Detector=5, Walkies Talkies=10, Base Set=1)				500,000
Sub total				**500,000**
Subtracting Parking Fees				500,000
Total Security and Parking Services				**6,980,400**
				6.980

Laundry Services

	Original			From 1st Revised to onward
No of Bed	**40**			
Type of Item	**No of Beds**	**Per bed cost per year**	**Cost of One year**	
No of Bed	40	30,000	1,200,000	
Transport Charges			1,200,000	In the light of decision made during the Progress Review Meeting of Revamping of DHQ/THQ Hospitals held on 01-01-2018 under the Chairmanship of Chairman, P&D Board; it was inter alia decided as under:
Sub total of laundry items	**40**	**30,000**	**2,400,000**	**"It would be made sure by the P&SH Department that the outsourcing would be shifted to the non-development side from 1st July 2018 next FY".**
Total			**2.400**	In view of above, Outsourcing cost has been excluded from this PC-I.

Maintenance of Generator

Item Name	Quantity	Cost per year	Total Cost	From 1st Revised to onward
Periodical Maintenance Cost				
Number of Generators (200 KVA)	-	500,000	-	
Number of Generators (100 KVA)	1	300,000	300,000	In the light of decision made during the Progress Review Meeting of Revamping of DHQ/THQ Hospitals held on 01-01-2018 under the Chairmanship of Chairman, P&D Board; it was inter alia decided as under:
Number of Generators (50 KVA)	2	175,000	350,000	
Repairs Cost	1	650,000	650,000	**"It would be made sure by the P&SH Department that the outsourcing would be shifted to the non-development side from 1st July 2018 next FY".**
HR Cost				
Supervisor	1	40,000	240,000	In view of above, Outsourcing cost has been excluded from this PC-I.
Generator Operator	3	30,000	1,080,000	
Technical Staff/Mechanic	-	30,000	-	
Total			**2,620,000**	
			2.620	

MEP

Type of worker / Component	No of workers	Salary per month	Salary per Month for all persons	Salary for One Year	From 1st Revised to onward
		Original			**From 1st Revised to onward**
Supervisors	1	56,420	56,420	677,040	In the light of decision made during the Progress Review Meeting of Revamping of DHQ/THQ Hospitals held on 01-01-2018 under the Chairmanship of Chairman, P&D Board; it was inter alia decided as under: **"It would be made sure by the P&SH Department that the outsourcing would be shifted to the non-development side from 1st July 2018 next FY".** In view of above, Outsourcing cost has been excluded from this PC-I.
Plumber	1	32,550	32,550	390,600	
AC/ Technician	1	34,720	34,720	416,640	
Electrician	2	31,465	62,930	755,160	
Car painter	1	30,380	30,380	364,560	
Total (Salary component)			**217,000**	**2,604,000**	

	No.	Per Unit Cost per Year	Cost per Year for all Items	Cost for One Year	
A/C	170	6,665	1,133,050	1,133,050	
Fridge	10	4,000	40,000	40,000	
UPS	15	8,000	120,000	120,000	
Water Cooler	20	4,000	80,000	80,000	
Exhaust	10	3,000	30,000	30,000	
Geyser	20	4,000	80,000	80,000	
Water Pump	8	3,000	24,000	24,000	
Carpentry Work		-	180,000	180,000	
Electrical Work		-	120,000	120,000	
Plumbing Work		-	75,000	75,000	
Sub Total				**1,882,050**	
General Total				**4,486,050**	
				4.486	

Medical Gases

	Scope of Work	Original				From 1st Revised to onward
		Monthly Consumption per THQ Hospital	**Annual Consumption per THQ Hospital**	**Rate per Cylinder**	**Total Annual Cost per THQs**	
Oxygen	Medical Oxygen Gas in 240 CFTCylinder (MM)	12	144	1850	266,400	
	Medical Oxygen Gas in 48 CFTCylinder (MF)	30	360	1,000	360,000	In the light of decision made during the Progress Review Meeting of Revamping of DHQ/THQ Hospitals held on 01-01-2018 under the Chairmanship of Chairman, P&D Board; it was inter alia decided as under: **"It would be made sure by the P&SH Department that the outsourcing would be shifted to the non-development side from 1st July 2018 next FY".** In view of above, Outsourcing cost has been excluded from this PC-I.
	Medical Oxygen Gas in 24 CFTCylinder (ME)	40	480	800	384,000	
Nitrous Oxide	Nitrous Oxide in 1,620 Liter (XE)	2	24	5,000	120,000	
	Nitrous Oxide in 16,200 Liter (XM)	1	12	12,500	150,000	
Nitrogen Gas	Nitrogen Gas	1	12	2,000	24,000	
Total					**1,304,400**	
					1.304	

Cafeteria
Pre-Fabrication Cateen (Procurement)

Sr. No.	Description of work	Unit	Qty	Rate (Rs)	Amount (Rs)	From 1st Revised to onward
				Original		
1	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) for ordinary soil	Cft	2545	6.13	15,602	In the light of decision made during the Progress Review Meeting of Revamping of DHQ/THQ Hospitals held on 01-01-2018 under the Chairmanship of Chairman, P&D Board; it was inter alia decided as under: **"It would be made sure by the P&SH Department that the outsourcing would be shifted to the non-development side from 1st July 2018 next FY".** In view of above, Outsourcing cost has been excluded from this PC-I.
2	Spraying anti-termite liquid mixed with water in the ratio of 1:40.	Sft	4305	2.21	9,514	
3	Supplying and filling sand of approved quality from outside sources under floors etc complete in all respects.	Cft	2268	15.62	35,426	
4	Providing, laying, watering and ramming brick ballast 1½" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor and foundation, complete in all respects.	Cft	998	39.15	39,069	
5	Providing and laying damp proof course (1½" thick (40 mm)) of cement concrete 1:2:4, with one coat bitumen and one coat polythene sheet 500gauge	Sft	318	43.34	13,789	
6	Brick work with cement, sand mortar ratio 1:5	Cft	1792	180.25	323,071	
7	Cement concrete plain Ratio 1: 4: 8 including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate)	Cft	427	170.72	72,893	
8	Cement concrete plain Ratio 1: 2 : 4 including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate)	Cft	1043	190.48	198,746	
9	Placing Granite tiles (24"x24"x0.5") using white cement over a bed of ¾" (20 mm) thick cement mortar 1:6.	Sft	2160	200.00	432,000	
10	Providing and laying Tuff pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope . complete in all respect.	Sft	720	118.00	84,960	
	Total Amount of Platform Construction				**1,225,070**	
	Pre-Fabrication of Canteen Structure					
11	Providing and fixing aluminium frame window with double glazzed glass 6mm+6mm thick complete in all respect as approved by engineer	Sft	48	1100.00	52,800	
12	Providing and fixing aluminium frame door with single glazzed glass 6mm thick complete in all respect as approved by engineer	Sft	56	700.00	39,200	
13	Fixing of frameless Glass wall of approved quality and design as approved by engineer	Sft	550	1500.00	825,000	
14	Providing Granite skirting or dado 4/8"(13 mm) thick including rounding of corner and straight ening of top edge and finishing to smooth surface afterplastering	Sft	491	212.00	104,177	
15	Placing & erection of pre-painted Box section tube Columns of M.S sheet 4mm thick of size 4" x4" complete in all respect.	Kg	693	150.00	103,950	
16	Placing & erection of pre-painted Box section tube Rafters of M.S sheet 4mm thick of size 3" x3" with all fittings, complete in all respect.	Kg	1040	150.00	155,925	
17	Placing & erection of pre-painted Box section tube Purlins of M.S sheet 1.6 mm thick (16 Gauge) of size 2" x2", with all fittings, complete in all respect.	Rft	676	120.00	81,144	
18	Placing & erection of pre-painted, Galvanized Sandwitched board of 0.5 mm thick M.S sheet with 50mm PU insulation with all fittings, complete in all respect.	Sft	2640	400.00	1,055,800	
19	Placing & fixing glass wool complete in all respect.	Sft	3024	50.00	151,200	
20	Placing & fixing Gypsum False Ceiling, complete in all respect.	Sft	3024	70.00	211,680	
21	Providing & Fixing corrugated galvanized iron sheets 22 gauge with EPDM screw fittings, complete in all respect.	Sft	3629	145.00	526,176	
	Total Cost of Pre-Fabrication of Canteen Structure				**3,307,052**	
	Total Amount (Rs)				**4,532,121**	
22	Electrification				998,735	
23	Plumbing and Sanitory				410,000	
24	Kitching Fixtures				802,000	
	Grand Total Amount (Rs)				**6,742,856**	
					6.743	

LANDSCAPE DEVELOPMENT WORKS
COST ESTIMATE

Sr. No.	Description	Unit	Quantity	Unit Rate Rs.	Amount Rs.
			Original		
1	**SOFT LANDSCAPE**				
1.1	**TOP SOIL**				
	Providing, spreading and leveling of topsoil (sweet soil including manure and fertilizers) as required complete in all respects as per Drawings, Specifications and as approved by the Engineer.	Cft	20,249	22	445,484
1.2	**STONE / PEBBLES**				
	Supply and laying a layer of pebbles/stone at specified locations with Landscape base as in Landscape Design approved by the Engineer.	Truck	2	34,375	68,750
1.3	**GRASSING**				
a	**GRASSING (EXISTING NON MAINTANE LAWNS)**				
	Providing and dibbing of Fine Dacca grass where required, including mud filling/leveling and contour shape preparation confirming to the criteria outlined in the Specifications, complete in all respects as per Drawings , Specifications and as approved by the Engineer.	Sft	27,770	7	194,393
b	**GRASSING (NEW LAWNS)**				
	Providing and dibbing of Fine Dacca grass , including mud filling/leveling and contour shape preparation confirming to the criteria outlined in the Specifications, complete in all respects as per Drawings, Specifications and as approved by the Engineer.	Sft	34,713	11.25	390,521
1.4	**TREE / SHRUBS (SPREADING)**				
	Providing and planting tree / shrub as listed and as arrangement and type shown in the Drawings, in pits of size 305mm x 305mm x 305mm. Dug in improved soil 610mm. deep filled by adding 10% cow dung manure and confirming to the criteria outlined in the Specifications, complete in all respects and to the satisfaction of Engineer .				
a	Trees 18" pot 6'-7' - Terminally, Cassia Fistula, Bauhinia Variegated, Alstonia Choirs, Ficus Yellow, Ficus Black, Jacaranda, Pilken, Mangifera etc.	No's	142	1,500	213,000
b	Trees 12" pot 3'-4' - Polyalthia Long folia, Terminally, Cassia Fistula, Bauhinia Variegated, Latonia Choirs, Delonix Regia, Ficus Yellow, Focus Black, fichus Starlight, Melaluca, Mimuspps, Pine, Ficus Amestal, Pilken, Palms etc.	No's	33	270	8,910
c	Plantation of Fruit Plants in the vacant area 12" pot 3'- 4' - Am rood, Jaman, Berri, Mango, Citrus. Including site preparation, plantation, watering and maintenance for six months.	No's	200	600	120,000
1.5	Shrubs and Ornamental Plants 10" pot Pittosporum Variegated, Murray Small, Ixora Coccinea, Juniper Varigated, Hibiscus Varigated, Carronda Dwarf Spp, Jasmine Sambac(Mottya), Leucophyllum Frutescens(Silvery), Rose, Nerium, Lantana, Canna, Asparagrass, Conocarpus, Acalypha, Callistemon Dwarf, Cestrum, Thabernaemontara Variegated etc.	No's	12,623	69	870,987
a	Shrubs and Ornamental Plants 12" pot Pittosporum Varigated, Ixora Cochineal, Juniper Variegated, Carronade Dwarf, Jasmine Thai, Plumier Robar, Cassia Malacca, Largest mea, Euphorbia, Jestropha Thai etc	No's	1,984	195	386,880
1.6	**GROUND COVERS**				
	Providing and planting ground covers as listed and as arrangement and type shown in the Drawings, in pits of size 150mm x 150mm x 150mm. Dug in improved soil 610mm deep filled by adding 10% cow dung manure and confirming to the criteria outlined in the Specifications, complete in all respects and to the satisfaction of Engineer .				
	Ground Cover Plastic Bag Plants Alternant Hera, Dianella, Iresine (Red), Hemercollis(Daylily), Duranta etc	No's	13,481	12	161,772
1.7	**PALMS**				
	Providing and planting palms as per Drawings, specifications and to the satisfaction of Engineer .				
a	Palm 18" pot - Queen Palm, Wodyetia Bifurcate, Washingtonian Palm, Biskarkia etc.	No's	16	3,675	58,800
b	Palm 18" pot - Phoenix Palm, Cyrus Palm	No's	22	1,800	39,600
1.8	**CREEPERS**				
	Providing and planting Creepers as listed and as arrangement and type shown in the Drawings, in pits of size 305mm x 305mm x 305mm. Dug in improved soil 610mm. deep filled by adding 10% cow dung manure and confirming to the criteria outlined in the Specifications, complete in all respects and to the satisfaction of Engineer .				
	Creepers 12" Pot - Bougainvillea, Bonsai, Qusqualus, Bombay Creeper etc.	No's	67	195	13,065
2	**HARD LANDSCAPE**				
2.1	**WALK WAYS**				
a	Excavation of walkways and edging including brick ballast under 12"X14" curb stones fixing with1:2:4 PCC, supply of 7000PSI tuff tiles 60mmas per approved design fixing on 4" brick ballast compacted and grouting with sand.	Sft	2777	150	416,550
2.2	**BENCHES**				
	Concrete Bench 5' wide complete in all respects and to the satisfaction of Engineer as per approved design.	No's	13	14,698	191,074
2.3	**DUSTBINS**				
	Complete in all respects and to the satisfaction of Engineer as per approved design.	No's	9	27,700	249,300
2.4	**PLAYING EQUIPMENTS**				
	Complete in all respects and to the satisfaction of Engineer as per approved design.	No's	1	544,939	544,939
2.5	**PLANTERS**				
	Concrete planters 2' X 2-1/2' complete in all respects and to the satisfaction of Engineer as per approved design.	No's	12	3,850	46,200
2.6	**WATER POINTS (Injector Pump 1HP)**	No's	2	45,000	90,000
3	**SOFT LANDSCAPE MAINTENANCE** (Including maintenance and up keeping of site for 6 months) after development as per specifications and to the satisfaction of Engineer.	Sft	69,426	9.00	624,834
4	**CONSTRUCTION OF PLANTERS**				
4.1	**Large Size** with keystones fixed with cement with top concrete slab as per design and to the satisfaction of Engineer.	No's	270	550	148,500
4.2	**Medium Size** with keystones fixed with cement with top concrete slab as per design and to the satisfaction of Engineer.	No's	35	550	19,250
4.3	**Small Size** with keystones fixed with cement with top concrete slab as per design and to the satisfaction of Engineer.	No's	65	550	35,750
5	**GAZEEBO** Construction of Gazebo 12' X 12' with top fiberglass 3 layer canopy as per approved design and to the satisfaction of Engineer.	No's	1	200,000	200,000
	Total Amount of - Landscaping				5,538,559
	PRA(16%)				886,169
	Design Consultancy				100,000
	Grand Total				6,524,728
					6.525

From 1st Revised to onward

In the light of decision made during the Progress Review Meeting of Revamping of DHQ/THQ Hospitals held on 01-01-2018 under the Chairmanship of Chairman, P&D Board; it was inter alia decided as under:

"It would be made sure by the P&SH Department that the outsourcing would be shifted to the non-development side from 1st July 2018 next FY".

In view of above, Outsourcing cost has been excluded from this PC-I whereas Rs. 0.048 million has been charged in this scheme against Design Consultancy from development side before the above said decision, hence it is reflected in this PC-I.

From

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

To

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

Memo No.76-Dev/2014/ 2495 /Dev. Dated 19.10.2022

Subject: **REVISED ROUGH COST ESTIMATE FOR THE WORK "REVAMPING OF ALL THQ HOSPITALS IN PUNJAB ONE AT TEHSIL YAZMAN DISTRICT BAHAWALPUR" ADP NO.658 FOR THE YEAR 2022-23.**

108.930 Please find enclosed copy of Revised Rough Cost Estimate amounting to Rs.117.117(M) duly vetted by the Chief Engineer for arranging Revised Administrative Approval.

The Revised Rough Cost Estimate has been prepared on the basis of rates meant for 2nd Bi-annual 2022.

DA/As Above.

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

Endst: No. /Dev, Dated – .10.2022.
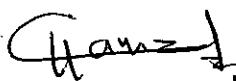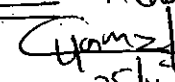
A copy is forwarded for information to:-

1 The Superintending Engineer, Buildings Circle, Bahawalpur for information with reference to his letter No.1394/DB, dated 27.09.2022.
2 The Executive Engineer, Buildings Division No.01, Bahawalpur.
3 The Chief Draftsman (Local).

DA/Nil.

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

RECEIVED	
Diary No: 5755	
Date: 25-10-22	
PMU, P&SHD	
Deputy PD	
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Outsourcing	
Infrastructure	
Planning & dF	
ICT	
Operations	
Health	
Legal	
I & C	
BERC	

Received
25/10/2022
Consultant Civil Please check these
estimate
25/10/2022

PUNJAB BUILDINGS DEPARTMENT
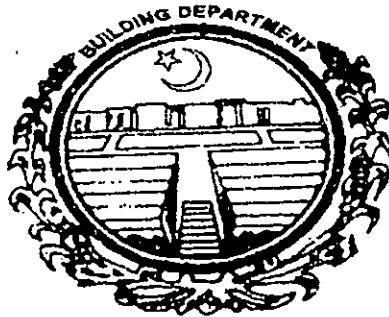
BAHAWALPUR.

DIVISION   BUILDINGS DIVISION NO.01, BAHAWALPUR.

SUB DIVISION

BUILDINGS SUB DIVISION,   YAZMAN.

NAME OF WORK

AMENDED ROUGH COST ESTIMATE FOR " PROGRAME FOR REVAMPING OF ALL DHQ/15 THQ HOSPITALS IN PUNJAB (ONE AT T.H.Q YAZMAN, DISTRICT BAHAWALPUR.   (ADP SCHEME NO 658 /2021-22):--

ESTIMATED COST   Rs.112.476 (M)

ROUGH COST ESTIMATE FOR THE "REVAMPING OF THQ HOSPITAL YAZMAN, DISTRICT BAHAWALPUR". (ADP NO.658/2021-22)

HISTORY:

The Govt. of Punjab is taking keen interest for the improvement of existing infrastructure to Health Department. The T.H.Q Yazman District Bahawalpur was constructed in 1989-90. Mostly items such as floors, plaster/ painting, door, window, internal electrification and internal sanitary fittings have become outlived which are in need of revamping. The Subjected Scheme was Administratively Approved by the Secretary Primary and Secondary Healthcare Department Lahore Govt. of Punjab, vide Office letter No.PO(D-II)1-237/2021, dated Lahore the 09.11.2021 with **Rs.44.523 (M)**. The work could not start due to non-availability of funds.

Now in this connection, the Govt. of the Punjab has launched a scheme "**REVAMPING OF THQ HOSPITAL YAZMAN, DISTRICT BAHAWALPUR**" in the ADP 2022-23 at Gr.Sr. No.658.

The scope of work is provided by Project Management Unit Health Department on 27.07.2022(**Copy Attached**). Estimate has been framed as per specifications finalized by the Chief Architect, Punjab Lahore vide letter No.CA/1332-44, dated 30.06.2022, and the same has been adopted in this estimate.

Amended Rough Cost Estimate has been framed amounting to Rs.112.476 (M) and is submitted for arranging Amended Administrative Approval & Funds from the Competent Authority.

SCOPE OF WORK:

1.	Revamping of THQ Hospital Yazman,	= 01-Job
2.	Construction of Generators Rooms	= 01-Job
3.	Construction of Turbine Room	=01-Jobs
4.	Construction of Water Filtration Room	=01-Jobs
5.	Provision of Anti-Bacterial sheet in Operation theater	=1243-Sft
6.	Providing and Fixing at site of work Lead Sheet/Anti Rays Sheet	=620-Sft
7.	Provision of Water Filtration Plant	=01-Jobs
8.	Provision of Turbine i/c Boring	=01-Jobs
9.	Replacement of Main Water Supply Line	=01-Jobs
10.	Replacement of Main Sewerage Line	=01-Jobs
11.	Provision of ATS Panel for Generators	=01-Jobs
12.	Construction of Electric Panel Rooms	=01-Jobs

RATES: **MRS 2nd Bi-Annual-2022**

COST: **Rs:112.476 (M)**

SPECIFICATIONS: Punjab Buildings Department as Provided by Chief Architect, Punjab.

TIME: 24-Months Subject to Full Funds

SUB DIVISIONAL OFFICER
Buildings Sub Division No.2
Bahawalpur

EXECUTIVE ENGINEER
Buildings Division No.1
Bahawalpur

S. No	Name	District	Category	Dept	Zone	Visit Date
25	Balance work of Revamping of THQ Hospital Ahmedpur East	Bahawalpur	Hospital	P&SHD	South	Visit Date 05-7-22 to 06-7-22
26	Revamping of THQ Hospital, Hasilpur District Bahawalpur	Bahawalpur	Hospital	P&SHD	South	Visit Date 05-7-22 to 06-7-22
27	Revamping of THQ Hospital, Yazman District Bahawalpur	Bahawalpur	Hospital	P&SHD	South	Visit Date 05-7-22 to 06-7-22
28	Bahwalpur Victoria Hospital - Old Blocks	Bahawalpur	Hospital	SH&ME	South	Visit Date 05-7-22 to 06-7-22
29	Govt. paramadical school, bahawalpur	Bahawalpur	Paramedical School	SH&ME	South	Visit Date 05-7-22 to 06-7-22
30	College of Nursing, QAMC / Bahawal Victoria Hospital, Bahawalpur	Bahawalpur	Nursing School	SH&ME	South	Visit Date 05-7-22 to 06-7-22
31	Bahawalpur Nursing Hostel	Bahawalpur	Nursing Hostel	SH&ME	South	Visit Date 05-7-22 to 06-7-22
32	Revamping of THQ Hospital, Liaquatpur District Rahim Yar Khan	Rahim Yar Khan	Hospital	P&SHD	South	Visit Date 07-7-22 to 08-07-22
33	DHQ Rahim Yar Khan	Rahim Yar Khan	Hospital	SH&ME	South	Visit Date 07-7-22 to 08-07-22
34	College of Nursing, SZMC / Sheikh Zayed Hospital, Rahim Yar Khan	Rahim Yar Khan	Nursing School	SH&ME	South	Visit Date 07-7-22 to 08-07-22
35	Rahim Yar Khan Nursing Hostel	Rahim Yar Khan	Nursing Hostel	SH&ME	South	Visit Date 07-7-22 to 08-07-22
36	Balance work of Revamping of DHQ Hospital Bahawalnagar	Bahawalnagar	Hospital	P&SHD	South	Visit Date 12-7-22 to 13-7-22
37	Balance work of Revamping of THQ Hospital Chishtian	Bahawalnagar	Hospital	P&SHD	South	Visit Date 12-7-22 to 13-7-22
38	Revamping of THQ Hospital, Fort Abbas District Bahawalnagar	Bahawalnagar	Hospital	P&SHD	South	Visit Date 12-7-22 to 13-7-22
39	Revamping of THQ Hospital, Minchinabad District Bahawalnagar	Bahawalnagar	Hospital	P&SHD	South	Visit Date 12-7-22 to 13-7-22
40	CON, DHQ Hospital, Bahawalnagar	Bahawalnagar	Nursing School	SH&ME	South	Visit Date 12-7-22 to 13-7-22
41	Bahawalnagar Nursing Hostel	Bahawalnagar	Nursing Hostel	SH&ME	South	Visit Date 12-7-22 to 13-7-22
42	Balance work of Revamping of DHQ Hospital Khanewal	Khanewal	Hospital	P&SHD	South	Visit Date 14-7-22
43	Balance work of Revamping of THQ Hospital Mian Channu	Khanewal	Hospital	P&SHD	South	Visit Date 14-7-22
44	Revamping of THQ Hospital, Jahanian District Khanewal	Khanewal	Hospital	P&SHD	South	Visit Date 14-7-22
45	Revamping of THQ Hospital, Kabirwala District Khanewal	Khanewal	Hospital	P&SHD	South	Visit Date 14-7-22
46	CON, DHQ Hospital, Khanewal	Khanewal	Nursing School	SH&ME	South	Visit Date 14-7-22
47	Khanewal Nursing Hostel	Khanewal	Nursing Hostel	SH&ME	South	Visit Date 14-7-22
48	Revamping of THQ Hospital, Kehror Pacca District Lodharan	Lodharan	Hospital	P&SHD	South	Visit Date 15-7-22
49	Revamping of THQ Hospital, Dunyapur District Lodhran	Lodharan	Hospital	P&SHD	South	Visit Date 15-7-22
50	CON, DHQ Hospital, Lodhran	Lodharan	Nursing School	SH&ME	South	Visit Date 15-7-22
51	Lodhran Nursing Hostel	Lodharan	Nursing Hostel	SH&ME	South	Visit Date 15-7-22
52	Balance work of Revamping of DHQ Hospital Muzafargarh	Muzafargarh	Hospital	P&SHD	South	Visit Date 18-7-22

S. No	Name	District	Category	Dept	Zone	Visit Date
53	Balance work of Revamping of THQ Hospital Koi Addu	Muzafargarh	Hospital	P&SHD	South	Visit Date 18-7-22
54	Revamping of THQ Hospital, Alipur District Muzaffargarh	Muzafargarh	Hospital	P&SHD	South	Visit Date 18-7-22
55	College of Nursing, Muzaffargarh	Muzafargarh	Nursing School	SH&ME	South	Visit Date 18-7-22
56	Muzaffargarh Nursing Hostel	Muzafargarh	Nursing Hostel	SH&ME	South	Visit Date 18-7-22
57	Balance work of Revamping of DHQ Hospital Vehari	Vehari	Hospital	P&SHD	South	Visit Date 19-7-22
58	CON, DHQ Hospital, Vehari	Vehari	Nursing School	SH&ME	South	Visit Date 19-7-22
59	Vehari Nursing Hostel	Vehari	Nursing Hostel	SH&ME	South	Visit Date 19-7-22

Sub Divisional Officer
Buildings Sub Division
Yazman

#								
2	Porcelain Wall Tile replacement	All wall/dado tiles full body porcelain needs to be retained in inner and main corridor of OPD. All wall/dado tiles full body porcelain needs to be fixed in outer corridor of OPD. **Note Inside Rooms where floor tiles full body porcelain are to be fixed only 6" skirting full body porcelain tiles must be provided.**	In outer corridor of Gyane Block all wall/dado tiles full body porcelain needs to be fixed. In linking corridor between OPD block and Gyane block all wall/dado tiles full body porcelain need to be fixed. All wall/dado tiles full body porcelain needs to be retained in inner corridor of Gyane Block. **Note Wall/dado must be upto 6 ft. or as per existing corridor dado level and 6" inside rooms/offices.**	All wall/dado tiles full body porcelain needs to be fixed in waiting area and Doctors room/offices up to height of 6". Wall/Dado tiles full body porcelain needs to be fixed in two wards, delivery room and labor room up to height of 6ft. **Note All rooms/offices in Gyane block wall/dado tiles full body porcelain needs to be fixed up to height of 6". Note No wall/dado tiles need to be fixed in rooms converted in to store in Gyane Block. Note Wall/dado tiles must be up to 6ft. inside wards and corridor and 6" inside rooms/offices.**	In the linking corridor, inner corridor and outer corridor between Gyane and Diagnostic Block where terrazo exists at present full body porcelain wall/dado tiles need to be fixed.	All wall/dado tiles full body porcelain need to be fixed in Diagnostic Block (OT & X-Ray) **Note Wall/dado must be upto 6 ft. or as per existing corridor dado level and 6" inside rooms/offices.**	All wall/dado tiles full body porcelain needs to be fixed in Main corridor leading from diagnostic block to Indoor block. All wall/dado tiles full porcelain needs to be retained in inner corridor of Indoor Block. In Outer corridor of Indoor Block all wall/dado tiles full body porcelain needs to be fixed. **Note Wall/dado must be upto 6 ft. or as per existing corridor dado level and 6" inside rooms/offices.**	All wall/dado tiles full body porcelain need to be fixed in entire male ward. All wall/dado tiles need to be retained in female ward. All wall/dado tiles full body porcelain needs to be fixed in entire dialysis block. **Note Wall/dado must be upto 6 ft. or as per existing corridor dado level and 6" inside rooms/offices.**	Tiles specifications, brand, size and Installation will be as per specified C&W standards.
3	Wooden Doors flush or Solid/ Main Doors and Aluminum Doors	Only damaged doors need to be replaced by new wooden doors. Remaining doors in good condition will only be repainted properly after scrapping the old paint. Entrance door of OPD needs to be replaced with Aluminum door.	Only damaged doors (which are few) will be replaced by Solid flush doors. Remaining doors will only be repainted properly after scrapping the old paint.	Al doors to be retained. All wards door to be replaced with Aluminum doors half solid and half glass. 3 x doors in inner corridor needs to be replaced with Aluminum doors.	2 x doors in corridor needs to be replaced with Aluminum doors.	Only damaged doors will be replaced by new wooden doors. Remaining doors in good condition will only be repainted properly after scrapping the old paint. All Entrance and Exit doors of wards need to be replaced with Aluminum doors half solid and half glazed glass fixed on it. Entrance door of OT should be wooden double hinged door with half SS plate fixed on it.	Only damaged doors need to be replaced with new wooden doors. Most of the Doors are in good condition needs to be retained and only needs to be repainted/ repolished. All wards entrance and exit doors need to be replaced with Aluminum doors half solid and half glazed glass.	Only damaged doors need to be replaced with new wooden doors. Most of the Doors are in good condition needs to be retained and only needs to be repainted/ repolished. All wards entrance and exit doors need to be replaced with Aluminum doors half solid and half glazed glass.	Specifications, wood/type of door, polish, door locks and handles will be as per specified C&W standards.
4	Verandah opening (opening to open area)/ MS Windows on Façade	All damaged MS angle iron & jaali will be replaced with new MS angle iron & double jaali.	All damaged MS angle iron & jaali will be replaced with new MS angle iron & double jaali.	All damaged MS angle iron & jaali will be replaced with new MS angle iron & double jaali.	All damaged MS angle iron & jaali will be replaced with new MS angle iron & double jaali.	Not Required.	All damaged MS angle iron & jaali will be replaced with new MS angle iron & double jaali.	All damaged MS angle iron & jaali will be replaced with new MS angle iron & double jaali.	Specifications will be as per C&W standards.
5	Existing Internal Windows	All Existing MS internal windows need to be replaced with Aluminium Windows. MS Windows at façade and inside rooms/offices also need to be replaced with Aluminum windows. Existing Aluminum windows need to be retained.	All Existing MS internal windows of outer corridor, inner corridor and linking corridor between OPD Block and Gyane Block needs to be replaced with Aluminium Windows.	All Existing MS internal windows inside wards and rooms/offices of Gyane Block needs to be replaced with Aluminium Windows. All Existing MS ventilators need to be replaced with Aluminum.	All Existing MS internal windows inside wards and rooms/offices of Gyane Block needs to be replaced with Aluminium Windows. All Existing MS ventilators need to be replaced with Aluminum.	All Existing MS internal windows in Diagnostic Block (OT & X-Ray) needs to be replaced with Aluminum Windows. All windows other than Aluminum inside Diagnostic Block (OT & X-Ray) needs to be replaced with Aluminum. All windows in OT opening outside needs to be closed.	All Existing MS internal windows of outer corridor and inner corridor needs to be replaced with Aluminium Windows.	All Existing MS internal windows inside male, female and Dialysis wards need to be replaced with Aluminium Windows.	Specifications, Aluminium and glass color will be as per specified C&W Standards

#	Item							
6	Internal Electric fittings	All Electric fittings including switch boards, plates, sockets, wires, DBs & bracket fans should be replaced and installed at standard height from Finish Floor level and all must be identical. All old switch fittings & DBs if requires need to be changed.	All Electric fittings including switch boards, plates, sockets, wires, DBs & bracket fans should be replaced and installed at standard height from Finish Floor level and all must be Identical. All old switch fittings & DBs if requires need to be changed.	All Electric fittings including switch boards, plates, sockets, wires, DBs & bracket fans should be replaced and installed at standard height from Finish Floor level and all must be identical. All old switch fittings & DBs if requires need to be changed.	All Electric fittings including switch boards, plates, sockets, wires, DBs & bracket fans should be replaced and installed at standard height from Finish Floor level and all must be identical. All old switch fittings & DBs if requires need to be changed.	All Electric fittings including switch boards, plates, sockets, wires, DBs & bracket fans should be replaced and installed at standard height from Finish Floor level and all must be identical. All old switch fittings & DBs if requires need to be changed.	All Electric fittings including switch boards, plates, sockets, wires, DBs & bracket fans should be replaced and installed at standard height from Finish Floor level and all must be identical. All old switch fittings & DBs if requires need to be changed.	All Electric fittings including switch boards, plates, sockets, wires, DBs & bracket fans should be replaced and installed at standard height from Finish Floor level and all must be identical. All old switch fittings & DBs if requires need to be changed.	Model Specifications/ Brands, should be as per specified C&W Standards.
7	Internal Lighting Fixtures	All corridors and rooms should lit with SMD's with concealed wiring.	All corridors and rooms should lit with SMD's with concealed wiring.	All corridors and rooms should lit with SMD's with concealed wiring.	All corridors and rooms should lit with SMD's with concealed wiring.	All corridors and rooms should lit with SMD's with concealed wiring at 8 ft distance. All old switch fittings & DBs if requires need to be changed.	All corridors and rooms should lit with SMD's with concealed wiring.	All corridors and rooms should lit with SMD's with concealed wiring.	Model Specifications/ Brands and distance should be as per specified C&W Standards.
8	Revamping of Public Toilets	All Public/Attendant washrooms in OPD Block needs to be revamped completely by fixing full body porcelain tiles on floor and full body porcelain tiles on wall up to a minimum height of 7 ft. All existing fixtures should be replaced with new fixtures along with new water supply (where damaged) and sewerage connections (where damaged). Entrance doors of all washrooms need to be replaced with UPVC doors. Common vanities to be made. Exhaust fans 24" two or three as per availability needs to be fixed.	Not Required	All Public/Attendant washrooms in Gyane Block needs to be revamped completely by fixing full body porcelain tiles on floor and full body porcelain tiles on wall up to a minimum height of 7 ft. All existing fixtures should be replaced with new fixtures along with new water supply (where damaged) and sewerage connections (where damaged). Entrance doors of all washrooms need to be replaced with UPVC doors. Common vanities to be made. Exhaust fans 24" two or three as per availability needs to be fixed.	Not Required.	All washrooms in Diagnostic Block (OT & X-Ray) needs to be revamped completely by fixing full body porcelain tiles on floor and full body porcelain tiles on wall up to a minimum height of 7 ft. All existing fixtures should be replaced with new fixtures along with new water supply (where damaged) and sewerage connections (where damaged). Entrance doors of all washrooms need to be replaced with UPVC doors. Common vanities to be made. Exhaust fans 24" two or three as per availability needs to be fixed.	Not Required	All Public/Attendant washrooms and 3 x washrooms in dialysis block needs to be revamped completely by fixing full body porcelain tiles on floor and full body porcelain tiles on wall up to a minimum height of 7 ft. All existing fixtures should be replaced with new fixtures along with new water supply (where damaged) and sewerage connections (where damaged). Entrance doors of all washrooms need to be replaced with UPVC doors. Exhaust fans 24" two or three as per availability needs to be fixed.	Vanity, wash basin, water closets, bath room accessories, tile size and color will be as per specified C&W standards. All Washroom doors should be replaced with UPVC doors having specified C&W Standards.
9	Wall Paint	Surface of walls of OPD Block should be prepared after plastering in patches (where required only) and wall Putty prior to paint works.	Surface of walls of all Blocks should be prepared after plastering in patches (where required only) and wall Putty prior to paint works.	Surface of walls of all Blocks should be prepared after plastering in patches (where required only) and wall Putty prior to paint works.	Surface of walls of all Blocks should be prepared after plastering in patches (where required only) and wall Putty prior to paint works.	Surface of walls of all Blocks should be prepared after plastering in patches (where required only) and wall Putty prior to paint works.	Surface of walls of all Blocks should be prepared after plastering in patches (where required only) and wall Putty prior to paint works.	Surface of walls of all Blocks should be prepared after plastering in patches (where required only) and wall Putty prior to paint works.	Plaster Cement Ratio, wall putty brand specifications, paint specifications, brand and color will be as per C&W standards.
10	Roof Treatment	Required as per C&W standards in non revamped areas only.	Required as per C&W standards	Required as per C&W standards	Required as per C&W standards	Required as per C&W standards	Required as per C&W standards	Required as per C&W standards	
11	Nursing Counter (Ward)	Not required.	Not required.	Nursing counter will be provided upto 2.5' height with granite/ marble on top as per C&W standards.	Not required.	Nursing counter will be provided upto 2.5' height with granite/ marble on top as per C&W standards.	Not required.	Nursing counter will be provided upto 2.5' height with granite/ marble on top as per C&W standards.	
12	Stairs - Marble and Railing	Not required.	Not required.	Not required.	Marble to be fixed on stairs step leading to first floor with skirting of 6". Existing railing to be retained and only needs to be repainted.	Not required.	Not Required.	Not required.	Marble/Granite type and installation technique will be as per C&W Standards.

No	Item							
13	Entrance	On all Entrances on Podium and steps Marble/Granite needs to be fixed.	Not Required.	Main Entrance door needs to be replaced with Aluminum door. On all Entrances Podium and steps Marble/Granite needs to be fixed.	Main Entrance door needs to be replaced with Aluminum door. On all Entrances Podium and steps Marble/Granite needs to be fixed.	Not Required.	Not Required	On all Entrances Podium and steps Marble/Granite needs to be fixed. Entrance door of dialysis block needs to be replaced with Aluminum door half sold and half glass.	
14	Ramps - Tile and Railing	Ramp at Entrance needs to be extended and Antiskid tiles need to be fixed on it with SS Railing.	Not Required	2 x Ramps at Entrance Antiskid tiles need to be fixed with SS Railing fixed on it. Antiskid tiles need to be fixed on ramp at entrance of Peads ward.	Antiskid tiles need to be fixed on ramp at entrance with SS Railing fixed on it.	Not Required.	Not Required.	On ramp at Entrance Antiskid tiles with SS railing needs to be fixed. On Entrance ramp of Dialysis block antiskid tiles with SS railing needs to be fixed.	
15	Façade Uplifting	Façade needs to be uplifted and seepage issues need to be treated after using appropriate sealers as per C&W standards.	Not Required	Façade needs to be uplifted and seepage issues need to be treated after using appropriate sealers as per C&W standards.	Not Required.	Façade needs to be uplifted and seepage issues need to be treated after using appropriate sealers as per C&W standards.	Not Required	Façade needs to be uplifted and seepage issues need to be treated after using appropriate sealers as per C&W standards.	
16	Lead linning Walls (X-Ray)	Not required.	Not Required	Not Required	Not Required.	Lead Linning needs to be done inside X-Ray Room.	Not Required	Not required.	
17	Anitmicrobial Treatment (OTs)	Not required.	Not Required	Inside OT Antimicrobial flooring, Antimicrobial wall panelling and non porous ceiling needs to be done inside OT.	Not Required.	Inside OT Antimicrobial flooring, Antimicrobial wall panelling and non porous ceiling needs to be done inside OT.	Not Required	Not required.	
18	External Weather Shield	External weather shield of grey and white pattern of first class quality needs to be done on the front Elevation.	External weather shield of grey and white pattern of first class quality needs to be done on the front Elevation only.	External weather shield of grey and white pattern of first class quality needs to be done on the front Elevation only.	External weather shield of grey and white pattern of first class quality needs to be done on the front Elevation only.	External weather shield of grey and white pattern of first class quality needs to be done on the front Elevation only.	External weather shield of grey and white pattern of first class quality needs to be done on the front Elevation only.	External weather shield of grey and white pattern of first class quality needs to be done on the front Elevation only.	
19	Edge Protection	SS Edge Protection needs to be fixed on all corners up to height of Wall/Dado tiles.	SS Edge Protection needs to be fixed on all corners up to height of Wall/Dado tiles.	SS Edge Protection needs to be fixed on all corners up to height of Wall/Dado tiles.	SS Edge Protection needs to be fixed on all corners up to height of Wall/Dado tiles.	SS Edge Protection needs to be fixed on all corners up to height of 5 ft. till the height of Wall/Dado tiles.	SS Edge Protection needs to be fixed on all corners up to height of Wall/Dado tiles.	SS Edge Protection needs to be fixed on all corners up to height of Wall/Dado tiles.	
20	Columns SS Cladding	SS Cladding required to be done on Columns at entrance.	Not Required	SS Cladding required to be done on 4 x Columns at entrance as per C&W standards.	Not Required.	Not Required.	Not Required	SS Cladding required to be done on Columns at entrance.	

21	Plumbing Works *PL'm*	Damaged Water supply & sewerage pipes causing seepage to be repaired & rectified.	Damaged Water supply & sewerage pipes causing seepage to be repaired & rectified.	Damaged Water supply & sewerage pipes causing seepage to be repaired & rectified.	Damaged Water supply & sewerage pipes causing seepage to be repaired & rectified.	Damaged Water supply & sewerage pipes causing seepage to be repaired & rectified.	Damaged Water supply & sewerage pipes causing seepage to be repaired & rectified.	Damaged Water supply & sewerage pipes causing seepage to be repaired & rectified.	
22	Fire Alarm System	Required.	Required.	Required.	Required	Required.	Required.	Required.	
23	Expansion joint of Building	Treat expansion joint of building properly & cover it with SS plate and water bearer inside as per C&W standards. Expansion joints on roof top to have double wall covered with pre cast slabs and sealing gaps between slabs properly.	Treat expansion joint of building properly & cover it with SS plate and water bearer inside as per C&W standards. Expansion joints on roof top to have double wall covered with pre cast slabs and sealing gaps between slabs properly.	Treat expansion joint of building properly & cover it with SS plate and water bearer inside as per C&W standards. Expansion joints on roof top to have double wall covered with pre cast slabs and sealing gaps between slabs properly.	Treat expansion joint of building properly & cover it with SS plate and water bearer inside as per C&W standards. Expansion joints on roof top to have double wall covered with pre cast slabs and sealing gaps between slabs properly.	Treat expansion joint of building properly & cover it with SS plate and water bearer inside as per C&W standards. Expansion joints on roof top to have double wall covered with pre cast slabs and sealing gaps between slabs properly.	Treat expansion joint of building properly & cover it with SS plate and water bearer inside as per C&W standards. Expansion joints on roof top to have double wall covered with pre cast slabs and sealing gaps between slabs properly.	Treat expansion joint of building properly & cover it with SS plate and water bearer inside as per C&W standards. Expansion joints on roof top to have double wall covered with pre cast slabs and sealing gaps between slabs properly.	
25	Electrification	All external main cables of hospital which are hanging in Air should be concealed in all respects. Similarly, few existing DB's need to replace as per site condition along with proper earthing of complete hospital.							

SCOPE FOR REVAMPING OF HEALTH FACILITY THQ HOSPITALYAZMAN

Sr No	Description	Condition	Additional Information	
	Water Supply System		Water supply lines to be repaired and maintained for smooth water supply to clinical blocks of Hospital.	6
	Sewerage System		Sewerage line of Hospital needs to be disilted and cleaned .Only blocked lines to be replaced with new lines of appropriate size.	7
	External Pathways		Tuff tiles remaining on a road where half tuff tile and half brick soling exists at present, tuff tiles need to be completed their.	8
	Boundary Wall		Not Required	
	Main Gate		Required to be fixed.	9
	Sources of Electircal Supply		Demand Notice to be paid for Dual Supply or Express Line.	11
	Transformer		Requirement of transformer will be assessed after visit of Wapda & DN to be paid accordingly as per site requirement.	11
	ATS Panel for Generators		As per site requirement.	
	Electrical Panel Room		Electrical Room needs to be made.	12
	External Wires		All external wires/cables should be replaced after detail electrical analysis & design. Moreover these main wires should be concealed in all respects.	13
	Water Filtration Plant		Filtration plant with room is required to be made in Hospital.	8, 14

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P.S. put up detailed _____ 18/11/21
Cost

Primary & Secondary
Healthcare Department

GOVERNMENT OF THE PUNJAB
Dated Lahore the 24-11-2021

O R D E R

No.PO(D-II)1-237/2021: Consequent upon the decision of Departmental Development Sub Committee (DDSC), in its meeting held on 17.08.2021, the Governor of the Punjab is pleased to accord 2nd revised Administrative Approval of 60 sub-schemes under block scheme titled "Programme for Revamping of all THQ Hospitals in Punjab" at cost mentioned against each sub-scheme, with revised gestation period upto 30.06.2023:

Rs. in Millions

Sr. No.	Sub-Scheme Title	2nd Revised Cost		
		Capital Component	Revenue Component	Total
1	Revamping of THQ Hospital, 18-Hazari District Jhang	14.956	205.709	220.665
2	Revamping of THQ Hospital, Ahmedpur Sial District Jhang	31.060	191.004	222.064
3	Revamping of THQ Hospital, Bhera District Sargodha	47.352	198.313	245.665
4	Revamping of THQ Hospital, Chak Jhumra District Faisalabad	47.323	195.857	243.180
5	Revamping of THQ Hospital, Choa Saiden Shah District Chakwal	101.824	206.809	308.633
6	Revamping of THQ Hospital, Dinga District Gujrat	14.858	199.147	214.005
7	Revamping of THQ Hospital, Fateh Jhang District Attock	44.181	198.227	242.408
8	Revamping of THQ Hospital, Sillanwali District Sargodha	44.782	180.970	225.752
9	Revamping of THQ Hospital, Sohawa District Jhelum	87.554	189.648	277.202
10	Revamping of THQ Hospital, City Hospital Talagang District Chakwal	48.005	198.007	246.012
11	Revamping of THQ Hospital, Bhalwal District Sargodha	47.643	204.362	252.005
12	Revamping of THQ Hospital, Shorkot District Jhang	40.307	185.070	225.377
13	Revamping of THQ Hospital, Ferozewala District Sheikhupura	33.815	200.094	233.909
14	Revamping of THQ Hospital, Kallar Kahar District Chakwal	46.028	200.588	246.616
15	Revamping of THQ Hospital, Kallar Syedan District Rawalpindi	116.706	214.153	330.859
16	Revamping of THQ Hospital, Kot Momin District Sargodha	47.789	166.711	214.500

Page 1 of 4

Sr. No.	Sub-Scheme Title	2nd Revised Cost		
		Capital Component	Revenue Component	Total
17	Revamping of THQ Hospital, Pindi Bhattian District Hafizabad	71.599	164.789	236.398
18	Revamping of THQ Hospital, Sharakpur Sharif District Sheikhupura	49.736	201.746	251.482
19	Revamping of THQ Hospital, Hassan Abdal District Attock	94.954	172.721	267.675
20	Revamping of THQ Hospital, Khairpur Tamewali District Bahawalpur	35.773	186.083	221.856
21	Revamping of THQ Hospital, Noshehra Virkan District Gujranwala	14.984	190.699	205.683
22	Revamping of THQ Hospital, Safdarabad District Sheikhupura	49.949	193.357	243.306
23	Revamping of THQ Hospital, Sambrial District Sialkot	80.617	193.382	273.999
24	Revamping of THQ Hospital, Shakargarh District Narowal	95.535	225.674	321.209
25	Revamping of THQ Hospital, Talagang District Chakwal	36.911	193.007	229.918
26	Revamping of THQ Hospital, Depalpur District Okara	66.879	195.386	262.265
27	Revamping of THQ Hospital, Hasilpur District Bahawalpur	36.223	205.331	241.554
28	Revamping of THQ Hospital, Kharian District Gujrat	14.419	202.032	216.451
29	Revamping of THQ Hospital, Khushab District Khushab	87.683	196.338	284.021
30	Revamping THQ Hospital, ke District Sheikhupura	60.392	208.829	269.221
31	Revamping of THQ Hospital, ur District Sialk	10.832	208.416	219.298
32	Revamping of THQ Hospital, Pindi Gheb District Attock	163.123	236.342	399.465
33	Revamping of THQ Hospital, Shahkot District Nankana	49.809	197.012	246.821
34	Revamping of THQ Hospital, Shahpur District Sargodha	48.998	190.360	239.358
35	Revamping of THQ Hospital, Yazman District Bahawalpur	44.523	160.991	205.514
36	Revamping of THQ Hospital, Chowk Azam District Layyah	47.156	210.394	257.550
37	Revamping of THQ Hospital, Lalian District Chiniot	19.914	190.140	210.054
38	Revamping of THQ Hospital, Murree District Rawalpindi	14.996	180.758	195.754
39	Revamping of THQ Hospital, Rojhan District Rajanpur	14.048	200.543	214.591

Sr. No.	Sub-Scheme Title	2nd Revised Cost		
		Capital Component	Revenue Component	Total
40	Revamping of THQ Hospital, Thal (Nawaz Sharif Hospital) District Layyah	49.457	216.699	266.156
41	Revamping of THQ Hospital, Darya Khan District Bhakkar	37.975	211.198	249.173
42	Revamping of THQ Hospital, Dunyapur District Lodhran	10.040	165.314	175.354
43	Revamping of THQ Hospital, Jahanian District Khanewal	26.965	203.353	230.318
44	Revamping of THQ Hospital, Kotli Sattian District Rawalpindi	26.949	199.680	226.629
45	Revamping of THQ Hospital, Kot Sultan District Layyah	45.918	201.877	247.795
46	Revamping of THQ Hospital, Alipur District Muzaffargarh	38.221	197.188	235.409
47	Revamping of THQ Hospital, Choubara District Layyah	36.589	206.216	242.805
48	Revamping of THQ Hospital, Fort Abbas District Bahawalnagar	9.932	197.810	207.742
49	Revamping of THQ Hospital, Haroonabad District Bahawalnagar	12.235	193.588	205.823
50	Revamping of THQ Hospital, Jalalpur Pirwala District Multan	25.103	206.068	231.171
51	Revamping of THQ Hospital, Jampur District Rajanpur	44.967	182.199	227.166
52	Revamping of THQ Hospital, Jatoi District Muzaffargarh	52.216	207.414	259.630
53	Revamping of THQ Hospital, Kabirwala District Khanewal	24.787	219.815	244.602
54	Revamping of THQ Hospital, Kamalia District Toba Tek Singh	72.400	189.701	262.101
55	Revamping of THQ Hospital, Karor Lalesan District Layyah	45.900	227.684	273.584
56	Revamping of THQ Hospital, Kehror Pacca District Lodharan	41.127	208.091	249.218
57	Revamping of THQ Hospital, Mailsi District Vehari	48.045	196.999	245.044
58	Revamping of THQ Hospital, Minchinabad District Bahawalnagar	11.667	213.996	225.663
59	Revamping of THQ Hospital, Pind Dadan Khan District Jehlum	85.879	219.752	305.631
60	Revamping of THQ Hospital, Kunjah District Gujrat	25.236	184.414	209.650

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

Capital Component

Grant No.12042 (042) Government Building 04-Economic Affairs-045 Construction and Transport -0457 Construction (Work)0457-02 Building and structure.

Revenue Component

Grant No. PC-22036 (036) Development -07 Health -073 – Hospital Seravices-0731-General Hospital Services – 073101 General Hospital Services.

(IMRAN SIKANDAR BALOCH)
SECRETARY P&SH DEPARTMENT

<u>NO. & DATE EVEN:</u>
A copy is forwarded for information and necessary action to the.-

1. Accountant General, Punjab, Lahore.
2. Chief (Health-II), Planning & Development Department, Lahore.
3. Director General Health Services, Punjab, 24-Cooper Road, Lahore.
4. Chief Engineer (North, Central & South Zones), Buildings Department.
5. Project Director, Project Management Unit, P&SH Department.
6. Section Officer (Health-I), Finance Department.
7. Budget Officer-I & III, Finance Department.
8. All Planning Officer, P&SHC Department.
9. PS to Secretary, P&SH Department.
10. PA to Special Secretary, P&SH Department.
11. PA to Additional Secretary (D&F), P&SH Department.
12. PA to Additional Secretary (Admin), P&SH Department.
13. PA to Deputy Secretary (D), P&SH Department.

(M. ASIF RASHEED)
PLANNING OFFICER (D-II)

ROUGH COST ESTIMATE REVAMPING OF THQ HOSPITAL YAZMAN, DISTRICT BAHAWALPUR.

ABSTRACT OF COST

Sr. No.	Description of Items	Plinth Area / Quantity		Rates (Based on plinth area rates for 2nd Biannual Period from 2021).				Unit	Amount (Rs.)	Remarks
				B.P.	P.H	E.I	Total			
1	**RENOVATION OF THQ YAZMAN**									
D	**DETAILED OF QTY**									
1	Providing, laying, watering and ramming brick ballast 1½" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects.	10773	Cft	4915			4915	%.Cft	529446	ON MRS as Based on plinth area rates for 2nd Biannual Period from 2021 .
2	Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate):	4046	Cft	25423			25423	%.Cft	1028597	ON MRS 2nd Biannual Period from 2021 .
3	Providing and laying of Porceline full body tiles 600-mmx600-mm (DWV Series) or Equivalent SB Flooring (Diagnal shape / design) of approved Color and Shade laid over 3/4"thick cement plaster 1:2 i/c white cement, pigment and sealer for finishing the joints i/c cutting grinding where necessary complete in all respects and as approved by the Engineer Incharge	28507	Sft	281			281	P.Sft	8010432	Analysis attached
4	Providing and laying of Porceline full body tiles 600-mmx600-mm (DWV Series) or Equivalent SB Dado/Skirting (Diagnal shape / design) of approved Color and Shade laid over 3/4"thick cement plaster 1:2 i/c white cement, pigment and sealer for finishing the joints i/c cutting grinding where necessary complete in all respects and as approved by the Engineer Incharge	24635	Sft	281			281	P.Sft	6922437	Analysis attached
5	Providing and laying of Porceline full body tiles 400-mmx400-mm (DWV Series) or Equivalent SB Flooring (Diagnal shape / design) of approved Color and Shade laid over 3/4"thick cement plaster 1:2 i/c white cement, pigment and sealer for finishing the joints i/c cutting grinding where necessary complete in all respects and as approved by the Engineer Incharge	1185	Sft	215			215	P.Sft	254349	Analysis attached

ROUGH COST ESTIMATE REVAMPING OF THQ HOSPITAL YAZMAN, DISTRICT BAHAWALPUR.

ABSTRACT OF COST

Sr. No.	Description of Items	Plinth Area / Quantity		Rates (Based on plinth area rates for 2nd Biannual Period from 2021).				Unit	Amount (Rs.)	Remarks
				B.P.	P.H	E.I	Total			
6	Providing and laying of Porceline full body tiles 400-mmx400-mm (DWV Series) or Equivalent SB Dado/Skirting (Diagnal shape / design) of approved Color and Shade laid over 3/4"thick cement plaster 1:2 i/c white cement, pigment and sealer for finishing the joints i/c cutting grinding where necessary complete in all respects and as approved by the Engineer Incharge	531	Sft	215			215	P.Sft	114246	Analysis attached
7	Providing and laying of Ceramic tile size 12"X18" SP Series - Plain matching Light Colors (Glossy / Matt) SP PLN - SB Flooring as per approved design & of approved Color and Shade laid over 3/4"thick cement plaster 1:2 i/c white cement, pigment and sealer for finishing the joints i/c cutting grinding where necessary complete in all respects and as approved by the Engineer Incharge.	2756	Sft	196			196	P.Sft	540182	Analysis attached
8	Providing and laying Ceramic tile size 12"X18" SP Series - Plain matching Light Colors (Glossy / Matt) SP PLN - SB skirting/dado of approved Color and Shade laid over 1/2"thick cement plaster 1:2 i/c white cement, pigment and sealer for finishing the joints i/c cutting grinding where necessary complete in all respects and as approved by the Engineer Incharge.	4656	Sft	196			196	P.Sft	912552	Analysis attached
9	Providing and laying of Non-Skid Chequred tiles imported tiles of approved Color and Shade laid over 3/4"thick cement plaster 1:2 i/c white cement, pigment and sealer for finishing the joints i/c cutting grinding where necessary complete in all respects and as approved by the Engineer Incharge	690	Sft	216.00			216	P.Sft	149040	Analysis attached

ROUGH COST ESTIMATE REVAMPING OF THQ HOSPITAL YAZMAN, DISTRICT BAHAWALPUR.

ABSTRACT OF COST

Sr. No.	Description of Items	Plinth Area / Quantity		Rates (Based on plinth area rates for 2nd Biannual Period from 2021).				Unit	Amount (Rs.)	Remarks
				B.P.	P.H	E.I	Total			
10	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 Providing and fixing Aluminum Fly screen comprising of Fiber / Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer brownze Colour / powder coated of size1- 1/2"x1/2" and1.6mmthick withrubber gasket i/ccost of Hardwares as approved and directed by the engineer incharge. complete in all respect.	3772	Sft	839.2			839	P.Sft	3165169	ON MRS 2nd Biannual Period from 2021 .
11	Providing and fixing M.S. Sq Bar 3/8" @ 4" c/c grill including 1"x1" MS Box for Frame of windows of approved design including painting 3 coat complete in all respect.	3772	Sft	394.0			394	P.Sft	1486030	Analysis attached
12	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.	3230	Sft	592.20			592	P.Sft	1912806	ON MRS 2nd Biannual Period from 2021 .
13	Providing and fixing 1½" (40 mm) thick deodar wood panelled or panelled and glazed, doors and windows, with mild steel chowkat (frame), etc. complete in all respects (excluding sliding bolt or lock) with M.S. angle iron 1½"x1½"x¼", welded i) (40 mmx 40 mmx 6mm) with M.S. flat 2"x¼" (50 mm x 6 mm)	1159	Sft	1038			1038	P.Sft	1202928	ON MRS 2nd Biannual Period from 2021 .
14	Providing and Fixing 1½" (40-mm) thick Ash Wood Door ASH ply properly, sand papering and 3/8" thick ash wood liping as approved and Dirrcted by the Engineer incharge.	901	Sft	3350			3350	P.Sft	3018350	Analysis attached

ROUGH COST ESTIMATE REVAMPING OF THQ HOSPITAL YAZMAN, DISTRICT BAHAWALPUR.

ABSTRACT OF COST

Sr. No.	Description of Items	Plinth Area / Quantity		Rates (Based on plinth area rates for 2nd Biannual Period from 2021).				Unit	Amount (Rs.)	Remarks
				B.P.	P.H	E.I	Total			
15	P/F site of work Hydrulic Door Closer best quality japan made complete in all respect as approved by the engineer incharge..	123	Nos	3300			3300	Each	405900	Analysis attached
16	P/F site of work Clynder Type door Lock best quality japan made complete in all respect as approved by the engineer incharge..	15	Nos	2500			2500	Each	37500	Analysis attached
17	Preparing surface and painting with emulsion paint 3- coat old Surface. i/c Scraping	62389	Sft	2842.75			2843	%.Sft	1773556	ON MRS 2nd Biannual Period from 2021 .
18	Distempering 2- coat old surface Surface i/c Scraping. i/c Scraping	36263	Sft	1394.55			1395	%.Sft	505709	ON MRS 2nd Biannual Period from 2021 .
19	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect Old surface 2- coat i/c Scraping	36507	Sft	3792.50			3793	%.Sft	1384531	ON MRS 2nd Biannual Period from 2021 .
20	Providing and laying 3/4" thick Prepolished Marble slab China Verona Crystel having uniform texture full width spotless for stair tread / shelves area above 4-Sft i/c bevelling laid in white cement pigment over over 3/4" thick bedding of cement sand mortor 1:2 complete in all respects as approved by the Engineer Incharge.	2028	Sft	495			495	P.Sft	1003860	Analysis attached
21	Providing and laying Marble China Verona crystel for skirting of size 24"x 6" & 1/2" laid in white cement pigment over over 3/4" thick bedding of cement sand mortor 1:2 i/c cutting, grinding and chemical polishing complete in all respects as approved by the Engineer Incharge.	754	Sft	210			210	P.Sft	158333	Analysis attached
22	Providing and fixing Stain less steel pipe stair railing comprising of 1-No. 2" dia steel pipe 18 SWG Top rail, 2" dia for vertical posts @ 2-ft c/c 2'-9" high, 3-Nos horizantal steel pipes 1/2" dia fixed on steps with 3" long steel screws and brass rawal plugs 3" long, i/c fixing carrage & polishing complete in all respects as approved by the Engineer Incharge.	56	Rft	1500			1500	P.Rft	84000	Analysis attached
23	Providing and fixing Stain less steel pipe wall mounted railing comprising of 1-No. 2" dia steel pipe 18 SWG fixed in wall with 2" long steel screws i/c fixing carrage & polishing complete in all respects as approved by the Engineer Incharge..	238	Rft	500			500	P.Rft	119000	Analysis attached

ROUGH COST ESTIMATE REVAMPING OF THQ HOSPITAL YAZMAN, DISTRICT BAHAWALPUR.

ABSTRACT OF COST

Sr. No.	Description of Items	Plinth Area / Quantity		Rates (Based on plinth area rates for 2nd Biannual Period from 2021).				Unit	Amount (Rs.)	Remarks
				B.P.	P.H	E.I	Total			
24	Providing and fixing Exhaust Fan 14" sweep Metalled body made of GFC/PAK/ROYAL i/c cost of necessary cable for connection from ceiling rose and shutter complete in all respects as approved by the Engineer Incharge.	21	Nos	2800			2800	Each	58800	Analysis attached
25	Providing and fixing at site of work Vanities Porta bowl approved make i/c all cost of labour & material complete in all respects as approved by the Engineer Incharge.	58	Nos	6500			6500	Each	377000	Analysis attached
26	Single layer of tiles 9"x4½"x1½" (225x113x40 mm) laid over 4"(100 mm) earth and 1" (25 mm) mud plaster without Bhoosa, grouted with cement sand 1:3 on top of RCC roof slab, provided with 34 lbs. per %Sft. or 1.72 Kg/Sq.m bitumen coating sand blinded.i/c polythen sheet 500 guage.	584	Sft	8677			8677	%.Sft	50671	ON MRS 2nd Biannual Period from 2021.
									Rs. 35205925/-	
	TOTAL "A"								Rs. 1056178/-	
	ADD 3% CONTINGENCY TOTAL "B"								Rs. 36262103/-	
	NET TOTAL "A+B"									
A	RENOVATION OF OUT DOOR PATIENT BLOCK (E.I +S.I)	6841	Sft							
B	RENOVATION OF DIAGNOSTIC (E.I +S.I)	4379	Sft							
C	RENOVATION OF IN DOOR BLOCK (E.I +S.I)	11289	Sft							
D	RENOVATION OF IN GYNEE & PEADS WARD (E.I +S.I)	9975	Sft							Based on plinth area rates for 1st Biannual Period from 2021.
	TOTAL AREA	32484	Sft							Based on plinth area rates for 1st Biannual Period from 2021.
	TOTAL AREA 50%	16242	Sft		78	110	188	P.Sft	Rs. 3053496/-	
	TOTAL "C"								Rs. 3053496/-	

ROUGH COST ESTIMATE REVAMPING OF THQ HOSPITAL YAZMAN, DISTRICT BAHAWALPUR.

ABSTRACT OF COST

Sr. No.	Description of Items	Plinth Area / Quantity		Rates (Based on plinth area rates for 2nd Biannual Period from 2021).				Unit	Amount (Rs.)	Remarks
				B.P.	P.H	E.I	Total			
26	Provision of Tuff paver 60-mm	1	Job	1539044			1,539,044	P.Job	Rs. 1539044/-	Based on plinth area rates for 1st Biannual Period from 2021 .
26	Provision of Parking Shed (10x10x18)1800-Sft	1800	Sft	950			950	P.Sft	Rs. 1710000/-	
27	Dismantling	1	Job	882651			882,651	P.Job	Rs. 882651/-	
28	Deduction Creadit of old Material	-1	Job	731389			731,389	P.Job	-Rs. ~~731389~~/-	
	TOTAL "D"								Rs. 3400306/-	
								TOTAL (Rs.) =	Rs. ~~42715905~~ 4~~2~~0,000 00/	
A	Add 1% for Horticulture						42,715,905		Rs. 427159/- 4~~2~~00 00	
B	Add for 5% of PRA Tax						42,715,905		Rs. ~~2135795~~/- 2~~?~~000 70	
								TOTAL (Rs.) =	Rs. ~~45278859~~ 4 4~~5~~20 000	
								SAY (Rs.) =	Rs. ~~45279000~~/- 44.500	
								OR (Rs.) =	~~45.279~~ (M)	

44.52³ (M)

Sub Engineer

Sub Divisional Officer
Buildings Sub Division No.2,
Bahawalpur

Executive Engineer,
Buildings Division No.01,
Bahawalpur.

Superintending Engineer
Buildings Circle Bahawalpur

AMENDED ROUGH COST ESTIMATE FOR " PROGRAME FOR REVAMPING OF ALL DHQ/15 THQ HOSPITALS IN PUNJAB (ONE AT T.H.Q YAZMAN DISTRICT BAHAWALPUR .(ADP SCHEME NO 658/2022-23):-

ABSTRACT OF COST

Sr. No.	Description of Items	Plinth Area / Quantity	As Per Rough Cost Estimate 1st Bi-annual 2022				Unit	Amount (Rs.)	Plinth Area / Quantity	As Per Amended Rough Cost Estimate 2nd Bi-annual 2022				Unit	Amount (Rs.)	Diffrence		Remarks
			B.P.	P.H	E.I	Total				B.P.	P.H	E.I	Total			Excess	Saving	
1	Renovation of Main Building .																	
i	Providing, laying, watering and ramming brick ballast 1½" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects.	10773	4915.00				4,915	P.Sft	Rs. 529493/-	0.00 ~10773	9297.20			9,297	P.Sft	Rs. ~~1001587~~/- 0.00	Rs. ~~472094~~/-	529493/-	Based on MRS Rates for 2nd Biannual Period from 2022 .
ii	Cement Concrete plain including placing compacting, finishing, and curing complete (including screening and washing aggregate)	4046	25423.00				25,423	P.Sft	Rs. 1028615/-	4047	38219.00			38,219	P.Sft	Rs. 1546723/-	Rs. 518108/-		
iii	Providing and laying of Porceline full body tiles 600-mmx600-mm DWV series Polished or Equivalent, class SB Flooring (Diagnal shape / design) of approved Color and Shade laid over 3/4"thick cement plaster 1:2 i/c white cement, pigment and sealer for finishing the joints i/c cutting grinding where necessary complete in all respects and as approved by the Engineer Incharge.	28507	281.00				281	P.Sft	Rs. 8010467/-	34015 ~34015~	341.90			342	P.Sft	11629725/- Rs. ~~11732299~~/-	3619264/- Rs. ~~3721832~~/-		According to Scope of Work Given by PMIU Lahore.
iv	Providing and laying of Porceline full body tiles 600-mmx600-mm DWV series Polished or Equivalent, class SB skirting/dado of approved Color and Shade laid over 1/2"thick cement plaster 1:2 i/c white cement, pigment and sealer for finishing the joints i/c cutting grinding where necessary complete in all respects and as approved by the Engineer Incharge	24635	281.00				281	P.Sft	Rs. 6922435/-	30710 ~31110~	341.90			342	P.Sft	10499578/- Rs. ~~106363387~~/-	~~3577193~~/- Rs. 3713503/-		
v	Providing and laying of Porceline full body tiles 400-mmx400-mm DWV series Polished or Equivalent, class SB Flooring (Diagnal shape / design) of approved Color and Shade laid over 3/4"thick cement plaster 1:2 i/c white cement, pigment and sealer for finishing the joints i/c cutting grinding where necessary complete in all respects and as approved by the Engineer Incharge.	1185	215.00				215	P.Sft	Rs. 254775/-							Rs. /-		-Rs. 254775/-	Scope of work Provided by PMIU Punjab.
vi	Providing and laying of Porceline full body tiles 400-mmx400-mm DWV series Polished or Equivalent, class SB skirting/dado of approved Color and Shade laid over 1/2"thick cement plaster 1:2 i/c white cement, pigment and sealer for finishing the joints i/c cutting grinding where necessary complete in all respects and as approved by the Engineer Incharge	531	215.00				215	P.Sft	Rs. 114165/-							Rs. /-		-Rs. 114165/-	" " "
vii	Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy /Matt /Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1;2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge.i)12"x18"/12"x24"/10"x24" /8"x24"/12"x36".	2756	196.00				196	P.Sft	Rs. 540176/-							Rs. /-		-Rs. 540176/-	PMIU Team aske to take Porcline Tile in Wash Rooms
viii	Providing and laying superb quality Ceramic tile Skirting/Dado of Master brand of specified size, Glossy /Matt /Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1;2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge.i)12"x18"/12"x24"/10"x24" /8"x24"/12"x36"	4656	196.00				196	P.Sft	Rs. 912576/-							Rs. /-		-Rs. 912576/-	" " "
ix	Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved Shade cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge d) (Non-Skid Chequred Tiles) 300mmx300mm	690	216				216	P.Sft	Rs. 149040/-	1713	212.95 ~210.70~			212.95 ~1711~	P.Sft	364783/- Rs. ~~9245229~~/-	2157437/- Rs. ~~9096189~~/-		MRS Rate

AMENDED ROUGH COST ESTIMATE FOR " PROGRAME FOR REVAMPING OF ALL DHQ/15 THQ HOSPITALS IN PUNJAB (ONE AT T.H.Q YAZMAN DISTRICT BAHAWALPUR .(ADP SCHEME NO 658/2022-23):-

ABSTRACT OF COST

Sr. No.	Description of Items	Plinth Area / Quantity	As Per Rough Cost Estimate 1st Bi-annual 2022				Unit	Amount (Rs.)	Plinth Area / Quantity	As Per Amended Rough Cost Estimate 2nd Bi-annual 2022				Unit	Amount (Rs.)	Diffrence		Remarks
			B.P.	P.H	E.I	Total				B.P.	P.H	E.I	Total			Excess	Saving	
x	P/F MS box section window of 16 SWG, having frames of 2"x1-1/2", leave frame of T-type box section of 2"x1"x1", with ½"x1/2" box section using, Ushaped rubber for fixing 5 mm thick glass panes i/c the cost of fixing of 24 SWG wire guaze on inner side by means of ½"x1/8" MS flat patti, MS grill fitted with in the window frame and screws including hinges, brass handles and painting 3 coats. Complete in all respect								Rs. /-	1335	Sft	1316.35			1,318	P.Sft	Rs. 1757327/-	Rs. 1757327/-		PMIU Team aske to take M.S Box Section Window at Outer sides
xi	Providing and fixing all types of glazed aluminium windows of anodized bronze colour partly fixed and party sliding using deluxe section of M/s. Al-Cop or Pakistan Cables having Frame of size 100mm x 20mm and leaf frame sections of 50mm x 20mm, all of 1.6mm thickness i/c 5mm thick imported tinted glass with rubber gasket using approved standard latches, hardware etc., as approved by theengineer incharge.(1.6 mm thick).	3772	Sft	839.20			839	P.Sft	Rs. 3165462/-	3771	Sft	1441.20			1,441	P.Sft	Rs. 5434765/-	Rs. 2269303/-		MRS Rate
xii	Providing and fixing Aluminum Fly screen comprising of Fiber/Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer brownze Colour/powder coated of size 1-1/2" x1/2" and 1.6 mm thick with rubber gasket i/c cost of Hard ware s as approved and directed by the engineer in charge. complete in all .respect.								Rs. /-	1886	Sft	494.50			495	P.Sft	Rs. 932380/-	Rs. 932380/-		In Previous Estimate Fly ash was including in window rate
xiii	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge.(ii) 1/2" Squar Bars	3772	Sft	394			394	P.Sft	Rs. 1486168/-	3772	Sft	997.30			997	P.Sft	Rs. 3761816/-	Rs. 2275648/-		MRS Rate
xiv	Providing and fixing 2" wide MS/ GI Chowkat singel/double rebate made of 16 SWG MS sheet pressed/weld M.S. flat 1- 1/4"x1/8" i/c 6"long M.S. Flat 1"x1/8"hold fasts (6-Nos) welded/ screwed, punching of lock hole ¼" (50 mm x 6 mm) (i) 15 " wide	3860	Sft	731.75 405.20					2824555/- Rs. 1564072/-		731.75 405	P.Sft						2824555/- Rs. 1564072/-		Chowkat takin for Solid flush doors
xv	Providing and fixing all types of partly fixed and partly openable glazed anodised/ powder coated 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 trianguiar 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.	3230	Sft	592.20			592	P.Sft	Rs. 1912806/-	200	Sft	405.20			405	P.Sft	Rs. 81040/-		Rs. 1831766/-	PMIU team asked to take Soild flush doors of Rooms Instead of Aluminium Doors
xvi	P/F1-1/2" thick solid flush door comprising of 2.5 mm thick Deodar /Ash /Oak ply with grooves, compressed over 2.5 mm thick commercial ply over 1" thick packing woodin style and rails under proper pressure i/c the cost of nails, tower bolt, handles, glue, sawing charges and lacquar polishing to show the grains of ply properly, sand papering and 3/8" thick matching wooden lipping as approved and directed by theEngineer Incharge.								Rs. /-	3860	Sft	685.75			686	P.Sft	Rs. 2646995/-	Rs. 2646995/-		PMIU team asked to take Soild flush doors of Rooms Instead of Aluminium Doors

AMENDED ROUGH COST ESTIMATE FOR " PROGRAME FOR REVAMPING OF ALL DHQ/15 THQ HOSPITALS IN PUNJAB (ONE AT T.H.Q YAZMAN DISTRICT BAHAWALPUR .(ADP SCHEME NO 658/2022-23):-

ABSTRACT OF COST

Sr. No.	Description of Items	Plinth Area / Quantity	As Per Rough Cost Estimate 1st Bi-annual 2022				Unit	Amount (Rs.)	Plinth Area / Quantity	As Per Amended Rough Cost Estimate 2nd Bi-annual 2022				Unit	Amount (Rs.)	Diffrence		Remarks
			B.P.	P.H	E.I	Total				B.P.	P.H	E.I	Total			Excess	Saving	
xvii	Providing and fixing 1½" (40 mm) thick deodar wood panelled or panelled and glazed, doors and windows, with mild steel chowkat (frame), etc. complete in all respects excluding sliding bolt or lock) with:- I) M.S. angle Iron 1½"x1½"x¼", welded (40 mmx 40 mmx 6mm) with M.S. flat 2"x¼" (50 mm x 6 mm)	1159 Sft	1038.00				1,038	P.Sft	Rs. 1203042/-							Rs. /-		Rs. 1203042/-	PMIU team asked to take Upvc doors of Bathes instead of Deodar Doors
xviii	Providing and fixing Upvc Doors best quality comlete in all respect as approved by Engineer Incharge							Rs. /-	1159 Sft	1110.00				1,110	P.Sft	Rs. 1286490/-	Rs. 1286490/-		" " "
xix	Providing and fixing 2" (40 mm) thick Ash wood panelled or panelled and glazed, doors and windows, with mild steel chowkat (frame), etc. complete in all respects excluding sliding bolt or lock) with:- I) M.S. angle Iron 1½"x1½"x¼", welded (40 mmx 40 mmx 6mm) with M.S. flat 2"x¼" (50 mm x 6 mm)	901 Sft	3350.00				3,350	P.Sft	Rs. 3018350/-							Rs. /-		Rs. 3018350/-	PMIU team asked to take Main aluminium doors of Galliries instead of Deodar Doors
xx	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.								Rs. /-	273 Sft	1441.20				1,441	P.Sft	Rs. 393448/-	Rs. 393448/-		Main Doors In Front & Gallaries
xxi	Preparing surface and painting of doors and windows any type (including edges):- 03-Coats on New Surface:-								Rs. /-	5579 Sft	2770.70				2,771	P.Sft	Rs. 154577/-	Rs. 154577/-		MRS Rate
xxii	Preparing surface and painting of doors and windows any type (including edges):- 02-Coats on Old Surface:-								Rs. /-	884 Sft	1694.65				1,695	P.Sft	Rs. 14981/-	Rs. 14981/-		" " "
xxiii	Preparing surface and Lacquar polish to reveal wooden grains by application of multiple coats of wood sealer, sand papering with different no of sand paper sand Lacquar to make glossy surface finish I/c the cost of cotton, thinner, wood sealer complete in all respects as approved and directed by the Engineer Incharge.(ii) Glossy Finish-								Rs. /-	136 Sft	164.45				164	P.Sft	Rs. 22365/-	Rs. 22365/-		" " "
xxiv	Providing and laying 3/4" thick Prepolished Marble slab China Verona Crystel having uniform texture full width spotless for stair tread / shelves area above 4-Sft I/c bevelling laid in white cement pigment over over 3/4" thick bedding of cement sand mortor 1:2 complete in all respects as approved by the Engineer Incharge.	2028 Sft	495.00				495	P.Sft	Rs. 1003860/-	2028 Sft	413.70				414	P.Sft	Rs. 838984/-		Rs. 164876/-	MRS Rate

AMENDED ROUGH COST ESTIMATE FOR " PROGRAME FOR REVAMPING OF ALL DHQ/15 THQ HOSPITALS IN PUNJAB (ONE AT T.H.Q YAZMAN DISTRICT BAHAWALPUR .(ADP SCHEME NO 658/2022-23):-

ABSTRACT OF COST

Sr. No.	Description of Items	Plinth Area / Quantity	As Per Rough Cost Estimate 1st Bi-annual 2022					Unit	Amount (Rs.)	Plinth Area / Quantity	As Per Amended Rough Cost Estimate 2nd Bi-annual 2022					Unit	Amount (Rs.)	Difference		Remarks
			B.P.	P.H	E.I	Total					B.P.	P.H	E.I	Total				Excess	Saving	
xxv	Providing and laying Prepolished Marble China Verona Crystal uniform texture for Skirting size 24"x6"x3/8" i/c bevelling of top edge of approved quality and shade laid in white cement and bagri laid over 3/4" thick cement sand mortar 1:2 complete in all respects as approved by the Engineer Incharge.	754 Sft	210.00				210	P.Sft	Rs. 158340/-	754 Sft	206.00				208	P.Sft	Rs. 155324/-		Rs. 3016/-	"
xxvi	1½"(40 mm) thick mosaic flooring, consisting of ½ "(13 mm) mosaic topping of one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips, laid over 1"(25 mm) thick floor of 1:2:4 cement concrete, including rubbing and polishing complete with finishing :-(a) using grey cement								Rs. /-	960 Sft	19986.90				19,987	%Sft	Rs. 191874/-	Rs. 191874/-		Mosaic Flooring in Link Passage
xxvii	Distempring 02-Coats on Old Surface i/c Scraping	36263 Sft	1394.55				1,395	P.Sft	Rs. 505706/-	33968 Sft	971.20				971	%Sft	Rs. 329897/-		Rs. 175808/-	MRS Rate
xxviii	Preparing surface and painting with emulsion of doors and windows any type (Including edges):- 03-Coats on New Surface:	62389 Sft	2842.75				2,843	P.Sft	Rs. 1773563/-	60189 Sft	2065.65				2,066	%Sft	Rs. 1243297/-		Rs. 530267/-	"
xxix	Providing and Applying weather Shield paint of approved quality on external surface of buildings Including preparation of surface, application of primer complete in all respect Old Surface 2-Coats i/c Scraping	36507 Sft	3792.50				3,793	P.Sft	Rs. 1384528/-	23130 Sft	2707.80				2,708	%Sft	Rs. 626314/-		Rs. 758214/-	"
xxx	Providing and Applying weather Shield paint of approved quality on external surface of buildings Including preparation of surface, application of primer complete in all respect Old Surface 2-Coats w/o Scraping								Rs. /-	15420 Sft	1943.60				1,944	%Sft	Rs. 299688/-	Rs. 299688/-		"
xxxi	Providing and fixing 2'-9" high stair railing comprising of non magnetic (304) Stain less steel 2" dia pipe railing of 18 SWG welded with vertical posts of 2" dia stainless steel round/ Squar pipe/Tong (chimta) @ 2-ft c/c fixed on alternate steps with 3" long steel screws and brass rawal plugs, 3-Nos diagonal stainless steel pipes of 1/2" dia passes through goties fixed on vertical post, i/c stainless steel welding, fixing & polishing complete in all respects as approved and directed by the Engineer Incharge..	56 Sft	1500.00				1,500	P.Sft	Rs. 84000/-	238 Sft	2368.45				2,368	P.Sft	Rs. 563691/-	Rs. 479691/-		MRS Rate
xxxii	Providing and fixing 2" dia 18 SWG non-magnetic Stain less steel pipe (304) wall mounted hand rail comprising fixed with 2" long steel bracket with screws i/c the cost of hardware etc. & stainless steel welding & polishing complete in all respects as approved and directed by the Engineer Incharge..	238 Sft	500.00				500	P.Sft	Rs. 119000/-	238 Sft	508.90				508	P.Sft	Rs. 121118/-	Rs. 2118/-		"
xxxiii	Single layer of tiles 9"x4½"x1½" (225x113x40 mm) laid over 4"(100 mm) earth and 1" (25 mm) mud plaster without Bhoosa, grouted with cement sand 1:3 on top of RCC roof slab, provided with 34 lbs. per %Sft. or 1.72 Kg/Sq.m bitumen coating sand blinded.	584 Sft	9652.85				9,653	P.Sft	Rs. 56373/-	5549 10049 Sft	11307.95				11,308	P.Sft	Rs. 1136294/- 627478	627478 107994/-		Measurments Attached
xxxvii	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm)								Rs. /-	20 Nos	865.75				866	Each	Rs. 17315/-	Rs. 17315/-		"
xxxi	Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, etc::a) 4" dia (100 mm) cast iron down pipe								Rs. /-	320 Rft	328.25				328	P.Rft	Rs. 105040/-	Rs. 105040/-		"
xxxvi	Rain water down pipe cast iron head fixed in place, Including cost of clamp holdfast and painting.								Rs. /-	80 Nos	899.60				900	Each	Rs. 71968/-	Rs. 71968/-		"
xxxvii	Shoes, bends or offsets for cast iron rain water down pipe, Including fixing and painting.								Rs. /-	40 Nos	473.45				473	Each	Rs. 18938/-	Rs. 18938/-		"
xxxiv	Supply and Fixing Hydruaic Door Closer i/c all cost of labour & material complete in all respects as approved by the Engineer Incharge.	123 Sft	3300.00				3,300	P.Sft	Rs. 405900/-	246 Sft	2650.80				2,651	P.Sft	Rs. 652097/-	Rs. 246197/-		"

AMENDED ROUGH COST ESTIMATE FOR " PROGRAME FOR REVAMPING OF ALL DHQ/15 THQ HOSPITALS IN PUNJAB (ONE AT T.H.Q YAZMAN DISTRICT BAHAWALPUR .(ADP SCHEME NO 658/2022-23):-

ABSTRACT OF COST

Sr. No.	Description of Items	Plinth Area / Quantity		As Per Rough Cost Estimate 1st Bi-annual 2022				Unit	Amount (Rs.)	Plinth Area / Quantity		As Per Amended Rough Cost Estimate 2nd Bi-annual 2022				Unit	Amount (Rs.)	Diffrence		Remarks
				B.P.	P.H	E.I	Total					B.P.	P.H	E.I	Total			Excess	Saving	
xxxv	Supply and Fixing Cylinder type door lock i/c all cost of labour & material complete in all respects as approved by the Engineer Incharge.	15	Sft	2500			2,500	P.Sft	Rs. 37500/-	15	Sft	3500			3,500	P.Sft	Rs. 52500/-	Rs. 15000/-		" " "
xxxvi	Providing and fixing Bracket Fans made of Pak/Younas/G.F.C. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge.(a)Plastic body (II) 12 " dia.	19	Sft	2200.00			2,200	P.Sft	Rs. 41800/-	200	Nos	7000.00			7,000	Each	Rs. 1400000/-	Rs. 1358200/- 41800 —		" " "
xxxvii	P/F Exhast Fan 12" Sweep Metalled body made of GFC/PAK/ROYEL complete in all respect and as approved by the Engineer Incharge.	23	Sft	2400.00			2,400	P.Sft	Rs. 55200/-	23	Nos	3134.75			3,135	Each	Rs. 72099/-	Rs. 16899/-		" " "
xxxviii	Providing and fixing 2"X2" Stainless Steel 14 SWG Corner Guard angle with bevelled corner and 0.8 mm bend at edges duly pasted with premium grade self-adhesive glue strips with excellent hold/(double sided Tape) as approved and directed by the Engineer Incharge.								Rs. /-	206.50	Rft	850			850	P.Rft	Rs. 175500/-	Rs. 175500/-		Takin According to Scope of Work
xxxiv	Providing and fixing Stainless Steel Columns Clading,complete in all respect as approved by Engineer Incharge.								Rs. /-	950	Rft	1596			1,596	P.Rft	Rs. 1516200/-	Rs. 1516200/-		" " "
xxxv	Providing and Fixing at site of work vantiles complete in all respect as approved by Engineer Incharge.								Rs. /-	58	Sft	6627			6,627	P.Sft	Rs. 384366/-	Rs. 384366/-		" " "
xxxvi	Providing and Fixing at site of work Lead Sheet/Anti Rays Sheet in X-Ray Room complete in all respect as approved by Engineer Incharge.								Rs. /-	111	Sft	2600			2,600	P.Sft	Rs. 288600/-	Rs. 288600/-		" " "
xxxvii	Supply and fitting SMD Light 13-watts								Rs. /-	800	Nos	1600			1,600	Each	Rs. 1280000/-	Rs. 1280000/-		" " "
xxxviii	Rewinding of A.C. ceiling fan, capacitor type, including cost of wire, leatheride paper cotton tape, soldering, etc .II) 1400 mm (56") sweep, 250-275 RPM.								Rs. /-	40	Nos	3076.80			3,077	Each	Rs. 123072/-	Rs. 123072/-		Takin According to Scope of Work
xxxix	Supply and fitting of capacitor 2.2 uF, for ceiling fans.								Rs. /-	40	Nos	217.80			218	Each	Rs. 8712/-	Rs. 8712/-		" " "
xxxx	Supply and fitting of ball bearing of size 6201, 6202 or 6203 for ceiling fans.								Rs. /-	80	Nos	277.15			277	Each	Rs. 22172/-	Rs. 22172/-		" " "
xxxxi	Providing and fixing 1/8" (3 mm) thick 3" (75 mm) wide aluminium strip on horizontal and vertical expansion joints in walls, columns, ceilings and floors etc., including cost of clips/screws etc., complete in all respects:-a) On interior surface (without mastic strip)								Rs. /-	1056	Rft	148.40			148	P.Rft	Rs. 156710/-	Rs. 156710/-		" " "
xxxxii	Providing embeding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects.								Rs. /-	1056	Rft	282.90			283	P.Rft	Rs. 298742/-	Rs. 298742/-		" " "
	TOTAL "A" (Rs.) =								Rs. 34873340/-			51735921/-					Rs. 57362944/-	Rs. 30174941/-	Rs. 7685339/-	
B	Add 3% CONTINGENCY								Rs. 1046200/-			1552078/-					Rs. 1720868/-	Rs. 674688/-		
	TOTAL "A+B" (Rs.) =								Rs. 35919540/-			53287999/-					Rs. 59083820/-	Rs. 30849629/-	Rs. 7685339/-	
2	RENOVATION OF OUT DOOR PATIENT BLOCK(E.I)	6841	Sft							6841	Sft						53287999/-			
3	RENOVATION DIAGNOSTIC (E.I)	4379	Sft							4379	Sft									
4	RENOVATION OF IN DOOR BLOCK(E.I)	11289	Sft							11289	Sft									
5	RENOVATION OF GYNEE & PEADS WARD (E.I)	9975	Sft							9975	Sft									
	TOTAL AREA	32484	Sft							32484	Sft									
	TOTAL AREA 50%	16242	Sft		78	110	188	P.Sft	Rs. 3053496/-	16242	Sft		120	227	347	P.Sft	Rs. 5635974/-	Rs. 2582478/-		
	TOTAL "C" (Rs.) =								Rs. 3053496/-								Rs. 5635974/-	Rs. 2582478/-	Rs. /-	
6	Replacement of Main Water Supply Line P3Y								Rs. /-		1	Job	3745200			3,745,200	Rs. 3745200/-	Rs. 3745200/-		
7	Replacement of Main Sewerage Line P33								Rs. /-		1	Job	487600			487,600	Rs. 487600/-	Rs. 487600/-		
8	Provision of Tuff Paver P34	1	job	1539044			1,539,044		Rs. 1539044/-	1	job	454200			454,200	Rs. 454200/-		Rs. 1084844/-	

AMENDED ROUGH COST ESTIMATE FOR " PROGRAME FOR REVAMPING OF ALL DHQ/15 THQ HOSPITALS IN PUNJAB (ONE AT T.H.Q YAZMAN DISTRICT BAHAWALPUR .(ADP SCHEME NO 658/2022-23):-

ABSTRACT OF COST

Sr. No.	Description of Items	Plinth Area / Quantity	As Per Rough Cost Estimate 1st Bi-annual 2022				Unit	Amount (Rs.)	Plinth Area / Quantity	As Per Amended Rough Cost Estimate 2nd Bi-annual 2022				Unit	Amount (Rs.)	Diffrence		Remarks
			B.P.	P.H	E.I	Total				B.P.	P.H	E.I	Total			Excess	Saving	
1	**Renovation of Main Building .**																	
i	Providing, laying, watering and ramming brick ballast 1½" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects.	10773	4915.00			4,915	P.Sft	Rs. 529493/-	10773 Sft	9297.20			9,297	P.Sft	Rs. 1001587/-	Rs. 472094/-		Based on MRS Rates for 2nd Biannual Period from 2022 .
ii	Cement Concrete plain including placing compacting, finishing, and curing complete (including screening and washing aggregate)	4046 Sft	25423.00			25,423	P.Sft	Rs. 1028615/-	4047 Sft	38219.00			38,219	P.Sft	Rs. 1546723/-	Rs. 518108/-		
iii	Providing and laying of Porceline full body tiles 600-mmx600-mm DWV series Polished or Equivalent, class SB Flooring (Diagnal shape / design) of approved Color and Shade laid over 3/4"thick cement plaster 1:2 i/c white cement, pigment and sealer for finishing the joints i/c cutting grinding where necessary complete in all respects and as approved by the Engineer Incharge.	28507 Sft	281.00			281	P.Sft	Rs. 8010467/-	34315 Sft	341.90			342	P.Sft	Rs. 11732299/-	Rs. 3721832/-		" "
iv	Providing and laying of Porceline full body tiles 600-mmx600-mm DWV series Polished or Equivalent, class SB skirting/dado of approved Color and Shade laid over 1/2"thick cement plaster 1:2 i/c white cement, pigment and sealer for finishing the joints i/c cutting grinding where necessary complete in all respects and as approved by the Engineer Incharge	24635 Sft	281.00			281	P.Sft	Rs. 6922435/-	41877 Sft	341.90			342	P.Sft	Rs. 14317575/-	Rs. 7395140/-		" "
v	Providing and laying of Porceline full body tiles 400-mmx400-mm DWV series Polished or Equivalent, class SB Flooring (Diagnal shape / design) of approved Color and Shade laid over 3/4"thick cement plaster 1:2 i/c white cement, pigment and sealer for finishing the joints i/c cutting grinding where necessary complete in all respects and as approved by the Engineer Incharge.	1185 Sft	215.00			215	P.Sft	Rs. 254775/-	0 Sft	263.10			263	P.Sft	Rs. /-	-Rs. 254775/-		Scope of work Provided by PMIU Punjab.
vi	Providing and laying of Porceline full body tiles 400-mmx400-mm DWV series Polished or Equivalent, class SB skirting/dado of approved Color and Shade laid over 1/2"thick cement plaster 1:2 i/c white cement, pigment and sealer for finishing the joints i/c cutting grinding where necessary complete in all respects and as approved by the Engineer Incharge	531 Sft	215.00			215	P.Sft	Rs. 114165/-	0 Sft	263.10			263	P.Sft	Rs. /-	-Rs. 114165/-		" "
vii	Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy /Matt /Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1;2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge.i)12"x18"/12"x24"/10"x24" /8"x24"/12"x36".	2756 Sft	196.00			196	P.Sft	Rs. 540176/-	0 Sft	241.35			241	P.Sft	Rs. /-	-Rs. 540176/-		" "
viii	Providing and laying superb quality Ceramic tile Skirting/Dado of Master brand of specified size, Glossy /Matt /Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1;2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge.i)12"x18"/12"x24"/10"x24" /8"x24"/12"x36"	4656 Sft	196.00			196	P.Sft	Rs. 912576/-	0 Sft	294.10			294	P.Sft	Rs. /-	-Rs. 912576/-		" "

AMENDED ROUGH COST ESTIMATE FOR " PROGRAME FOR REVAMPING OF ALL DHQ/15 THQ HOSPITALS IN PUNJAB (ONE AT T.H.Q YAZMAN DISTRICT BAHAWALPUR .(ADP SCHEME NO 658/2022-23):-

ABSTRACT OF COST

Sr. No.	Description of Items	Plinth Area / Quantity		As Per Rough Cost Estimate 1st Bi-annual 2022				Unit	Amount (Rs.)	Plinth Area / Quantity		As Per Amended Rough Cost Estimate 2nd Bi-annual 2022				Unit	Amount (Rs.)	Diffrence		Remarks
				B.P.	P.H	E.I	Total					B.P.	P.H	E.I	Total			Excess	Saving	
ix	Providing and laying of Non-Skid Chequred tiles of approved Color and Shade laid over 3/4"thick cement plaster 1:2 i/c white cement, pigment and sealer for finishing the joints i/c cutting grinding where necessary complete in all respects and as approved by the Engineer Inchargee	690	Sft	216			216	P.Sft	Rs. 149040/-	1713	Sft	212.95			213	P.Sft	Rs. 364783/-	Rs. 215743/-		" "
x	P/F MS box section window of 16 SWG, having frames of 2"x1-1/2", leave frame of T-type box section of 2"x1"x1", with ½"x1/2" box section using, Ushaped rubber for fixing 5 mm thick glass panes i/c the cost of fixing of 24 SWG wire guaze on inner side by means of ½"x1/8" MS flat patti, MS grill fitted with in the window frame and screws including hinges, brass handles and painting 3 coats. Complete in all respect		Sft	839.20			839	P.Sft	Rs. /-	1335	Sft	1316.35			1,316	P.Sft	Rs. 1757327/-	Rs. 1757327/-		" "
xi	Providing and fixing all types of glazed aluminium windows of anodized bronze colour partly fixed and party sliding using deluxe section of M/s. Al-Cop or Pakistan Cables having Frame of size 100mm x 20mm and leaf frame sections of 50mm x 20mm, all of 1.6mm thickness i/c 5mm thick imported tinted glass with rubber gasket using approved standard latches, hardware etc., as approved by theengineer incharge.(1.6 mm thick).	3772	Sft	839.20			839	P.Sft	Rs. 3165462/-	3771	Sft	1441.20			1,441	P.Sft	Rs. 5434765/-	Rs. 2269303/-		" "
xii	Providing and fixing Aluminum Fly screen comprising of Fiber/Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer brownze Colour/powder coated of size 1-1/2" x1/2" and 1.6 mm thick with rubber gasket i/c cost of Hard ware s as approved and directed by the engineer in charge. complete in all .respect.	0	Sft	690.25			690	P.Sft	Rs. /-	1886	Sft	494.50			495	P.Sft	Rs. 932380/-	Rs. 932380/-		" "
xiii	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge.(ii) 1/2" Squar Bars	3772	Sft	394			394	P.Sft	Rs. 1486168/-	3772	Sft	997.30			997	P.Sft	Rs. 3761816/-	Rs. 2275648/-		" "
xiv	Providing and fixing mild steel chowkat of doors, windows,C.window, etc. including holdfast, making and threading holes for hinges, etc. complete:-a) M.S. angle iron 1½"x 1½"x ¼" (40x40x6 mm) welded with M.S. flat 2"x ¼" (50 mm x 6 mm)	0	Sft	721.80			722	P.Sft	Rs. /-	3231	Sft	405.20			405	P.Sft	Rs. 1309201/-	Rs. 1309201/-		" "
xv	Providing and fixing all types of partly fixed and partly openable glazed anodised/ powder coated 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.	3230	Sft	592.20			592	P.Sft	Rs. 1912806/-	200	Sft	405.20			405	P.Sft	Rs. 81040/-		Rs. 1831766/-	PMIU team asked to take Solid flush doors of Rooms Instead of Aluminium Doors

AMENDED ROUGH COST ESTIMATE FOR " PROGRAME FOR REVAMPING OF ALL DHQ/15 THQ HOSPITALS IN PUNJAB (ONE AT T.H.Q YAZMAN DISTRICT BAHAWALPUR (ADP SCHEME NO 658/2022-23):-

ABSTRACT OF COST

Sr. No.	Description of Items	Plinth Area / Quantity	As Per Rough Cost Estimate 1st Bi-annual 2022				Unit	Amount (Rs.)	Plinth Area / Quantity	As Per Amended Rough Cost Estimate 2nd Bi-annual 2022				Unit	Amount (Rs.)	Diffrence		Remarks
			B.P.	P.H	E.I	Total				B.P.	P.H	E.I	Total			Excess	Saving	
xvi	P/F1-1/2" thick solid flush door comprising of 2.5 mm thick Deodar /Ash /Oak ply with grooves, compressed over 2.5 mm thick commercial ply over 1" thick packing woodin style and rails under proper pressure I/c the cost of nails, tower bolt, handles, glue, sawing charges and lacquar polishing to show the grains of ply properly, sand papering and 3/8" thick matching wooden lipping as approved and directed by theEngineer Incharge.	0	Sft	721.80			722	P.Sft	Rs. /-	2788	Sft	685.75			686	P.Sft	Rs. 1911871/-	Rs. 1911871/-		" "
xvii	Providing and fixing 1½" (40 mm) thick deodar wood panelled or panelled and glazed, doors and windows, with mild steel chowkat (frame), etc. complete in all respects excluding sliding bolt or lock) with:- I) M.S. angle iron 1½"x1½"x¼", welded (40 mmx 40 mmx 6mm) with M.S. flat 2"x¼" (50 mm x 6 mm)	1159	Sft	1038.00			1,038	P.Sft	Rs. 1203042/-	0	Sft	750.00			750	P.Sft	Rs. /-		Rs. 1203042/-	PMIU team asked to take Upvc doors of Bathes Instead of Deodar Doors
xviii	Providing and fixing Upvc Doors best quality comlete in all respect as approved by Engineer Incharge	0	Sft	1514.40			1,514	P.Sft	Rs. /-	1159	Sft	1110.00			1,110	P.Sft	Rs. 1286490/-	Rs. 1286490/-		" "
xix	Providing and fixing 2" (40 mm) thick Ash wood panelled or panelled and glazed, doors and windows, with mild steel chowkat (frame), etc. complete in all respects excluding sliding bolt or lock) with:- i) M.S. angle iron 1½"x1½"x¼", welded (40 mmx 40 mmx 6mm) with M.S. flat 2"x¼" (50 mm x 6 mm)	901	Sft	3350.00			3,350	P.Sft	Rs. 3018350/-	0	Sft	1441.20			1,441	P.Sft	Rs. /-		Rs. 3018350/-	PMIU team asked to take Main aluminium doors of Galliries Instead of
xx	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.	0	Sft	2019.20			2,019	P.Sft	Rs. /-	1383	Sft	1441.20			1,441	P.Sft	Rs. 1993180/-	Rs. 1993180/-		" "
xxi	Preparing surface and painting of doors and windows any type (including edges):- 03-Coats on New Surface:-	0	Sft	2303.25			2,303	P.Sft	Rs. /-	5579	Sft	2770.70			2,771	P.Sft	Rs. 154577/-	Rs. 154577/-		" "
xxii	Preparing surface and painting of doors and windows any type (including edges):- 02-Coats on Old Surface:-	0	Sft	2303.25			2,303	P.Sft	Rs. /-	884	Sft	1694.65			1,695	P.Sft	Rs. 14981/-	Rs. 14981/-		" "
xxiii	Preparing surface and Lacquar polish to reveal wooden grains by application of multiple coats of wood sealer, sand papering with different no of sand paper sand Lacquar to make glossy surface finish I/c the cost of cotton, thinner, wood sealer complete in all respects as approved and directed by the Engineer Incharge.(II) Glossy Finish-	0	Sft	164.45			164	P.Sft	Rs. /-	136	Sft	164.45			164	P.Sft	Rs. 22365/-	Rs. 22365/-		" "
xxiv	Providing and laying 3/4" thick Prepolished Marble slab China Verona Crystel having uniform texture full width spotless for stair tread / shelves area above 4-Sft I/c bevelling laid in white cement pigment over over 3/4" thick bedding of cement sand mortar 1:2 complete in all respects as approved by the Engineer Incharge.	2028	Sft	495.00			495	P.Sft	Rs. 1003860/-	2028	Sft	413.70			414	P.Sft	Rs. 838984/-		Rs. 164876/-	" "

AMENDED ROUGH COST ESTIMATE FOR " PROGRAME FOR REVAMPING OF ALL DHQ/15 THQ HOSPITALS IN PUNJAB (ONE AT T.H.Q YAZMAN DISTRICT BAHAWALPUR (ADP SCHEME NO 658/2022-23):-

ABSTRACT OF COST

Sr. No.	Description of Items	Plinth Area / Quantity		As Per Rough Cost Estimate 1st Bi-annual 2022				Unit	Amount (Rs.)	Plinth Area / Quantity		As Per Amended Rough Cost Estimate 2nd Bi-annual 2022				Unit	Amount (Rs.)	Diffrence		Remarks
				B.P.	P.H	E.I	Total					B.P.	P.H	E.I	Total			Excess	Saving	
xxv	Providing and laying Prepolished Marble China Verona Crystal uniform texture for Skirting size 24"x6"x3/8" i/c bevelling of top edge of approved quality and shade laid in white cement and bagri laid over 3/4" thick cement sand mortor 1:2 complete in all respects as approved by the Engineer Incharge.	754	Sft	210.00			210	P.Sft	Rs. 158340/-	754	Sft	206.00			206	P.Sft	Rs. 155324/-		Rs. 3016/-	" "
xxvi	1½"(40 mm) thick mosaic flooring, consisting of ½ "(13 mm) mosaic topping of one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips, laid over 1"(25 mm) thick floor of 1:2:4 cement concrete, including rubbing and polishing complete with finishing :-(a) using grey cement	0	Sft	841.25			841	P.Sft	Rs. /-	960	Sft	19986.90			19,987	%Sft	Rs. 191874/-	Rs. 191874/-		" "
xxvii	Distempring 02-Coats on Old Surface i/c Scraping	36263	Sft	1394.55			1,395	P.Sft	Rs. 505706/-	33968	Sft	971.20			971	%Sft	Rs. 329897/-		Rs. 175808/-	"
xxviii	Preparing surface and painting with emulsion of doors and windows any type (including edges):- 03-Coats on New Surface:-	62389	Sft	2842.75			2,843	P.Sft	Rs. 1773563/-	60189	Sft	2065.65			2,066	%Sft	Rs. 1243297/-		Rs. 530267/-	" "
xxix	Providing and Applying weather Shield paint of approved quality on external surface of buildings including preparation of surface, application of primer complete in all resprct Old Surface 2-Coats i/c Scraping	36507	Sft	3792.50			3,793	P.Sft	Rs. 1384528/-	23130	Sft	2707.80			2,708	%Sft	Rs. 626314/-		Rs. 758214/-	" "
xxx	Providing and Applying weather Shield paint of approved quality on external surface of buildings including preparation of surface, application of primer complete in all resprct Old Surface 2-Coats w/o Scraping	0	Sft	841.25			841	P.Sft	Rs. /-	15420	Sft	1943.50			1,944	%Sft	Rs. 299688/-	Rs. 299688/-		" "
xxxi	Providing and fixing 2'-9" high stair railing comprising of non magnetic (304) Stain less steel 2" dia pipe railing of 18 SWG welded with vertical posts of 2" dia stainless steel round/ Squar pipe/ Tong (chimta) @ 2-ft c/c fixed on alternate steps with 3" long steel screws and brass rawal plugs , 3-Nos diagonal stainless steel pipes of 1/2" dia passes through goties fixed on vertical post, i/c stainles steel welding, fixing & polishing complete in all respects as approved and directed by the Engineer Incharge..	56	Sft	1500.00			1,500	P.Sft	Rs. 84000/-	238	Sft	2368.45			2,368	P.Sft	Rs. 563691/-	Rs. 479691/-		" "
xxxii	Providing and fixing 2" dia 18 SWG non-magnetic Stain less steel pipe (304) wall mounted hand rail comprising fixed with 2" long steel bracket with screws i/c the cost of hardware etc. & stainless steel welding & polishing complete in all respects as approved and directed by the Engineer Incharge..	238	Sft	500.00			500	P.Sft	Rs. 119000/-	238	Sft	508.90			509	P.Sft	Rs. 121118/-	Rs. 2118/-		" "
xxxiii	Single layer of tiles 9"x4½"x1½" (225x113x40 mm) laid over 4"(100 mm) earth and 1" (25 mm) mud plaster without Bhoosa, grouted with cement sand 1:3 on top of RCC roof slab, provided with 34 lbs. per %Sft. or 1.72 Kg/Sq.m bitumen coating sand blinded.	584	Sft	9652.85			9,653	P.Sft	Rs. 56373/-	10049	Sft	11307.95			11,308	P.Sft	Rs. 1136291/-	Rs. 1079918/-		" "
xxxiv	Supply and Fixing Hydraulic Door Closer i/c all cost of labour & material complete in all respects as approved by the Engineer Incharge.	123	Sft	3300.00			3,300	P.Sft	Rs. 405900/-	246	Sft	2650.80			2,651	P.Sft	Rs. 652097/-	Rs. 246197/-		" "
xxxv	Supply and Fixing Cylinder type door lock i/c all cost of labour & material complete in all respects as approved by the Engineer Incharge.	15	Sft	2500			2,500	P.Sft	Rs. 37500/-	15	Sft	3500			3,500	P.Sft	Rs. 52500/-	Rs. 15000/-		" "
xxxvi	Providing and fixing Bracket Fans made of Pak/Younas/G.F.C. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge.(a)Plastic body (ii) 12 " dia.	19	Sft	2200.00			2,200	P.Sft	Rs. 41800/-	200	Nos	7000.00			7,000	Each	Rs. 1400000/-	Rs. 1358200/-		" "

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AMENDED ROUGH COST ESTIMATE FOR "PROGRAME FOR REVAMPING OF ALL DHQ/15 THQ HOSPITALS IN PUNJAB (ONE AT T.H.Q YAZMAN DISTRICT BAHAWALPUR .(ADP SCHEME NO 658/2022-23):-

ABSTRACT OF COST

Sr. No.	Description of Items	Plinth Area / Quantity	As Per Rough Cost Estimate 1st Bi-annual 2022				Unit	Amount (Rs.)	Plinth Area / Quantity	As Per Amended Rough Cost Estimate 2nd Bi-annual 2022				Unit	Amount (Rs.)	Diffrence		Remarks
			B.P.	P.H	E.I	Total				B.P.	P.H	E.I	Total			Excess	Saving	
xxxvii	P/F Exhast Fan 12" Sweep Metalled body made of GFC/PAK/ROYEL complete in all respect and as approved by the Engineer Incharge.	23 Sft	2400.00			2,400	P.Sft	Rs. 55200/-	23 Nos	3134.75			3,135	Each	Rs. 72099/-	Rs. 16899/-		"
xxxviii	Providing and fixing Stainless Steel Edge Protection (size 2"x 2") of 14-SWG,complete in all respect as approved by Engineer Incharge.	0 Sft	6627			6,627	P.Sft	Rs. /-	390 Rft	450			450	P.Rft	Rs. 175500/-	Rs. 175500/-		"
xxxiv	Providing and fixing Stainless Steel Columns Clading,complete in all respect as approved by Engineer Incharge.	0 Sft	6627			6,627	P.Sft	Rs. /-	950 Rft	1596			1,596	P.Rft	Rs. 1516200/-	Rs. 1516200/-		"
xxxv	Providing and Fixing at site of work vantities complete in all respect as approved by Engineer Incharge.	0 Sft	6627			6,627	P.Sft	Rs. /-	58 Sft	6627			6,627	P.Sft	Rs. 384366/-	Rs. 384366/-		"
xxxvi	Providing and Fixing at site of work Lead Sheet/Anti Rays Sheet in X-Ray Room complete in all respect as approved by Engineer Incharge.	0 Sft	6627			6,627	P.Sft	Rs. /-	111 Sft	2600			2,600	P.Sft	Rs. 288600/-	Rs. 288600/-		"
xxxvii	Supply and fitting SMD Light 13-watts	0 Nos	6627			6,627	Each	Rs. /-	800 Nos	1600			1,600	Each	Rs. 1280000/-	Rs. 1280000/-		
xxxviii	Rewinding of A.C. ceiling fan, capacitor type, including cost of wire, leatheride paper cotton tape, soldering, etc .ii) 1400 mm (56") sweep, 250-275 RPM.	0 Nos	2200.00			2,200	Each	Rs. /-	40 Nos	3076.80			3,077	Each	Rs. 123072/-	Rs. 123072/-		"
xxxix	Supply and fitting of capacitor 2.2 uF, for ceiling fans.	0 Nos	2400.00			2,400	Each	Rs. /-	40 Nos	217.80			218	Each	Rs. 8712/-	Rs. 8712/-		"
xxxx	Supply and fitting of ball bearing of size 6201, 6202 or 6203 for ceiling fans.	0 Nos	6627			6,627	Each	Rs. /-	80 Nos	277.15			277	Each	Rs. 22172/-	Rs. 22172/-		"
xxxxi	Providing and fixing 1/8" (3 mm) thick 3" (75 mm) wide aluminium strip on horizontal and vertical expansion joints in walls, columns, ceilings and floors etc., including cost of clips/screws etc., complete in all respects:-a) On interior surface (without mastic strip)	0 Nos	6627			6,627	Each	Rs. /-	1056 Rft	148.40			148	P.Rft	Rs. 156710/-	Rs. 156710/-		"
xxxxii	Providing embeding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects.	0 Nos	6627			6,627	Each	Rs. /-	1056 Rft	282.90			283	P.Rft	Rs. 298742/-	Rs. 298742/-		"
	TOTAL "A" (Rs.) =							Rs. 34873340/-							Rs. 59560209/-	Rs. 32372209/-	Rs. 7685339/-	
B	Add 3% CONTINGENCY							Rs. 1046200/-							Rs. 1786806/-	Rs. 740606/-		
	TOTAL "A+B" (Rs.) =							Rs. 35919540/-							Rs. 61347015/-	Rs. 33112815/-	Rs. 7685339/-	
2	RENOVATION OF OUT DOOR PATIENT BLOCK(E.I)	6841 Sft							6841 Sft									
3	RENOVATION DIAGNOSTIC (E.I)	4379 Sft							4379 Sft									
4	RENOVATION OF IN DOOR BLOCK(E.I)	11289 Sft							11289 Sft									
5	RENOVATION OF GYNEE & PEADS WARD (E.I)	9975 Sft							9975 Sft									
	TOTAL AREA	32484 Sft							32484 Sft									
	TOTAL AREA 50%	16242 Sft		78	110	188	P.Sft	Rs. 3053496/-	16242 Sft		120	227	347	P.Sft	Rs. 5635974/-	Rs. 2582478/-		
	TOTAL "C" (Rs.) =							Rs. 3053496/-							Rs. 5635974/-	Rs. 2582478/-	Rs. /-	
6	Replacement of Main Water Supply Line							Rs. /-	1 Job	3684100			3,684,100		Rs. 3684100/-	Rs. 3684100/-		
7	Replacement of Main Sewerage Line							Rs. /-	1 Job	487600			487,600		Rs. 487600/-	Rs. 487600/-		
8	Provision of Tuff Paver	1 job	1539044			1,539,044		Rs. 1539044/-	1 job	454200			454,200		Rs. 454200/-		Rs. 1084844/-	All the items are

AMENDED ROUGH COST ESTIMATE FOR " PROGRAME FOR REVAMPING OF ALL DHQ/15 THQ HOSPITALS IN PUNJAB (ONE AT T.H.Q YAZMAN DISTRICT BAHAWALPUR .(ADP SCHEME NO 658/2022-23):-

ABSTRACT OF COST

Sr. No.	Description of Items	Plinth Area / Quantity	As Per Rough Cost Estimate 1st Bi-annual 2022				Unit	Amount (Rs.)	Plinth Area / Quantity	As Per Amended Rough Cost Estimate 2nd Bi-annual 2022				Unit	Amount (Rs.)	Diffrence		Remarks
			B.P.	P.H	E.I	Total				B.P.	P.H	E.I	Total			Excess	Saving	
9	Construction of Gate and Gate Pillars						Rs. /-	1	Job	652000			652,000		Rs. 652000/-	Rs. 652000/-		taken according to Scope of Work given by PMIU team(Mr. Hamza Naseem Focal Person for South zone) during visit of THQ Yazman on 06-07-2022
10	Construction of Generators Rooms						Rs. /-	1	Nos	572100			572,100		Rs. 572100/-	Rs. 572100/-		
11	Provision of ATS Panel for Generators						Rs. /-	1	Job	8283811			5,783,811		Rs. 8283811/-	Rs. 8283811/-		
12	Construction of Electric Panel Rooms						Rs. /-	1	job	1087600			1,087,600		Rs. 1087600/-	Rs. 1087600/-		
13	Provision of Electrical External Wires						Rs. /-	1	Job	3071270			576,336 / 3,074,270		Rs. 3071270/-	Rs. 3071270/-		
14	Construction of Turbine Room						Rs. /-	1	Nos	572100			572,100		Rs. 572100/-	Rs. 572100/-		
15	Construction of Water Filtration Room						Rs. /-	1	Nos	932200			932,200		Rs. 932200/-	Rs. 932200/-		
16	Provision of Façade Uplifting (O.P.D , Indoor, Gynee & Peads Block)						Rs. /-	1	JOb	7,108,500			7,108,500		Rs. 7108500/-	Rs. 7108500/-		
17	Provision of Anti-Bacterial sheet in Operation theather						Rs. /-	1243	Sft	1123			1,123		Rs. 1393809/-	Rs. 1393809/-		
18	Provision of Water Filtration Plant						Rs. /-	1	Job	3262500			3,262,500		Rs. 3262500/-	Rs. 3262500/-		
19	Provision of Turbine i/c Boring						Rs. /-	1	Job	5725600			5,725,600		Rs. 5725600/-	Rs. 5725600/-		
20	Provision of Fire Alarm System						Rs. /-	32484	Sft	75			75		Rs. 2436300/-	Rs. 2436300/-		
21	Provision of Parking Shed(10x10x18) 1800-Sft	1800	Sft	950			950		Rs. 1710000/-	0	Sft	748.7			749		Rs. /-		Rs. 1710000/-	
22	Dismantling	1	job	882651					Rs. 882651/-	1	job	7,204,540 787378			787378		Rs. 1204540/-	Rs. 321888/-		
23	Deduction Cost of Old Material	-1	job	1105000					-Rs. 1105000/-	-1	job	1183959					-Rs. 1183969/-	-Rs. 78959/-		
	TOTAL "D" (Rs.) =			1103000					Rs. 3026695/-			45693160/- 43,118652/-					Rs. 39746351/-	Rs. 39514500/-	Rs. 2794844/-	
	TOTAL "A+B+C+D" (Rs.) =								Rs. 41999731/- 42082731/-			98981159/ 108022732/-					Rs. 108729340/-	Rs. 76209793/-	Rs. 10480183/-	
24	Add Cost for External Wapda Connection i/c Change Over & Service line								Rs. /-						5000000/-		Rs. 4000000/-	Rs. 4000000/-		
25	Add for 1% of PHA Tax			420027/					Rs. 449937/-						1076578/-		Rs. 1067293/-	Rs. 647296/-		
26	Add for 5% of PRA Tax			2100132/-					Rs. 2099987/-			4949058/ -5382857/					Rs. 5386467/-	Rs. 3236480/-		
	TOTAL "(A-B)+C+D" (Rs.) =			4452385/					Rs. 44519715/-			108930216/ 117716594/-					Rs. 117533100/-	Rs. 83093569/-	Rs. 10480183/-	
	SAY (Rs.) =			4452 30000/					Rs. 44520000/-			108930200/117117000/-					Rs. 117133000/-	Rs. 83094000/-	Rs. 10480000/-	
	OR (Rs.) =			44.523 (M)					44.52X(M)			108.930 117.117 (M)					117.133 (M)	-83.094 (M)	10.48 (M)	
				44.523					72.613 (M)								117.133	Difference	72.614 (M) ABOVE	

TECHNICALLY VETTED

117.117 108-930

108-930 (M)   117.117 (M)

1.72.610 (M) EXCESS

Sub Engineer

Sub Divisional officer,
Buildings Sub Division,
Yazman.

Executive Engineer,
Buildings Division No.01,
Bahawalpur.

Superintending Engineer,
Buildings Circle,
Bahawalpur.

Chief Draftsmen
Punjab Buildings Deptt;
South Zone, Lahore.

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AMENDED ROUGH COST ESTIMATE FOR " PROGRAME FOR REVAMPING OF ALL DHQ/15 THQ HOSPITALS IN PUNJAB (ONE AT T.H.Q YAZMAN DISTRICT BAHAWALPUR .(ADP SCHEME NO 658/2022-23):-

DETAIL OF DISMANTLING

1 Dismantling Brick Work in Cement Sand mortor

	1	x	8	x	3/4	x	3 1/2			21	Cft
	1	x	8	x	3/4	x	8			48	Cft
									Total	69	Cft
									@	4330.90	% Cft	Rs. 2988/-

2 Removing door with chowkat.

	168	Nos	
Total	168	Nos	
@	448.45	Each	Rs. 75340/-

3 Removing windows and sky lights with chowkat.

	178	Nos	
Total	178	Nos	
@	350.45	Each	Rs. 62380/-

4 Dismantling Cement Concrete(1:2:4)

A) OPERATION THEATER

X-Ray Room	1	x	1	x	13		x	18	x	1/8	29	Cft
Operation theater	1	x	1	x	20		x	18	x	1/8	45	Cft
Scrub Room	1	x	1	x	12		x	18	x	1/8	27	Cft
Sterlization	1	x	1	x	12		x	9 5/8	x	1/8	14	Cft
Delevary	1	x	1	x	13 5/8		x	18	x	1/8	31	Cft
Labour Room	1	x	1	x	16		x	13 5/8	x	1/8	27	Cft
Doctor Room	1	x	2	x	8		x	13 5/8	x	1/8	27	Cft
Plaster Room	1	x	1	x	10		x	13 5/8	x	1/8	17	Cft
Labortary	1	x	1	x	13 3/4		x	13 5/8	x	1/8	23	Cft
Front Ver 7' wide	1	x	1	x	88 3/4		x	7	x	1/8	78	Cft
Corridor 8' wide	1	x	1	x	83 3/4		x	8	x	1/8	84	Cft
Passage	1	x	1	x	35		x	9	x	1/8	39	Cft
Stair Hall	1	x	1	x	10		x	15	x	1/8	19	Cft
											Cft

B) GROUND FLOOR PART-3

18-bed ward	1	x	1	x	35 5/8	x	46 3/4	x	1/8	208	Cft
2-bed ward	2	x	1	x	12	x	19 1/4	x	1/8	58	Cft
Nurse Station	2	x	1	x	11	x	12	x	1/8	33	Cft
Medical Officer	2	x	1	x	10	x	15 5/8	x	1/8	39	Cft
Corridor 8' wide	2	x	1	x	29	x	8	x	1/8	58	Cft
Passage 11' wide	1	x	1	x	11	x	34 7/8	x	1/8	48	Cft
Front Ver 9' wide	1	x	1	x	141 3/4	x	9	x	1/8	159	Cft
Passage to Ramp	1	x	1	x	20	x	11	x	1/8	28	Cft
Stair Hall	1	x	1	x	10	x	15	x	1/8	19	Cft
											Cft

C) OUT DOOR PATIENT

Tibb room	1	x	1	x	12	x	14	x	1/8	21	Cft
Exam	7	x	1	x	5	x	7 5/8	x	1/8	33	Cft
Homoepath room	1	x	1	x	12	x	13 5/8	x	1/8	20	Cft
Dispansary	2	x	1	x	12	x	14	x	1/8	42	Cft
Waiting	2	x	1	x	15 1/4	x	14	x	1/8	53	Cft
" " "	2	x	1	x	15 1/4	x	13 5/8	x	1/8	52	Cft
Dispansary	2	x	1	x	12	x	13 5/8	x	1/8	41	Cft
Admin Officer	1	x	1	x	15 5/8	x	14	x	1/8	27	Cft
Medical Store	1	x	1	x	12 1/2	x	14	x	1/8	22	Cft
Medical Superdent	1	x	1	x	16	x	14	x	1/8	28	Cft
General Store	1	x	1	x	10	x	13 5/8	x	1/8	17	Cft
Treatment Room	1	x	1	x	8	x	13 5/8	x	1/8	14	Cft
Dispansary	1	x	1	x	14	x	13 5/8	x	1/8	24	Cft
Emergancy	1	x	1	x	16	x	13 5/8	x	1/8	27	Cft
Speclist	1	x	1	x	12	x	13 5/8	x	1/8	20	Cft
Senier Medical office	1	x	1	x	12	x	14	x	1/8	21	Cft
Medical Officer	1	x	1	x	12	x	14	x	1/8	21	Cft
Treatment Room	1	x	1	x	10	x	14	x	1/8	18	Cft
Waiting	1	x	1	x	13 3/4	x	14	x	1/8	24	Cft
Gynicologist	1	x	1	x	12	x	14	x	1/8	21	Cft
World food	1	x	1	x	10	x	14	x	1/8	18	Cft
WmO	1	x	1	x	15	x	14	x	1/8	26	Cft
Front Ver 7' wide	1	x	1	x	230	x	7	x	1/8	201	Cft
Corridor 8' wide	1	x	1	x	245	x	11	x	1/8	337	Cft
Waiting	1	x	1	x	16	x	13 5/8	x	1/8	27	Cft
Ent Hall	1	x	1	x	23	x	15	x	1/8	43	Cft
Side plate form	1	x	1	x	8	x	4	x	1/8	4	Cft
" " "	1	x	1	x	8	x	6	x	1/8	6	Cft
Passage	1	x	1	x	17 3/4	x	9	x	1/8	20	Cft
Ent plate form	1	x	1	x	19	x	13	x	1/8	31	Cft
											Cft

D) GYNEE & PEDIATRIC WARDS

Entr	2	x	1	x	10	x	8	x	1/8	20	Cft
Corridor 8' wide	2	x	1	x	35	x	8	x	1/8	70	Cft
Isolation	2	x	2	x	10	x	10 1/4	x	1/8	51	Cft
5-bed ward	2	x	2	x	18	x	18	x	1/8	162	Cft
Ver 6' wide	2	x	2	x	29	x	8	x	1/8	116	Cft
Nurse Station	2	x	1	x	8	x	13	x	1/8	26	Cft
Waiting	1	x	1	x	14	x	15	x	1/8	26	Cft
WMO	1	x	1	x	10	x	11 1/4	x	1/8	14	Cft
WMO/Dress	1	x	1	x	4 1/4	x	4 3/4	x	1/8	3	Cft
Doctor Room	1	x	1	x	10	x	11 1/4	x	1/8	14	Cft
Doctor/Dress	1	x	1	x	4 1/4	x	4 3/4	x	1/8	3	Cft
Icu ward	1	x	1	x	12	x	16	x	1/8	24	Cft

Description	No				L			W		1/8	Total	Unit
Anti & Recovery	3	x	1	x	10		x	16	x	1/8	60	Cft
Labour Room	1	x	1	x	16	2/22	x	16	x	1/8	32	Cft
Corridor 8' wide	1	x	1	x	49		x	8	x	1/8	49	Cft
Nurse Station	1	x	1	x	8		x	10	x	1/8	10	Cft
O.T	1	x	1	x	18		x	16	x	1/8	36	Cft
Delivery	1	x	1	x	12		x	16	x	1/8	24	Cft
E) DAILYSIS UNIT												Cft
Ver Ents	1	x	1	x	18		x	11 3/4	x	1/8	26	Cft
Ver/Room	1	x	1	x	10	1/2	x	10 3/4	x	1/8	14	Cft
Link passage	1	x	1	x	22		x	8 1/2	x	1/8	23	Cft
Corridor 8' wide	1	x	1	x	8		x	26 1/2	x	1/8	27	Cft
Room	1	x	1	x	18		x	12 1/4	x	1/8	28	Cft
" " "	2	x	1	x	18		x	14	x	1/8	63	Cft
" " "	2	x	1	x	18		x	10	x	1/8	45	Cft
F) LAUNDARY												Cft
Laundary	1	x	1	x	31		x	19 1/4	x	1/8	75	Cft
Room	2	x	1	x	8		x	10 3/4	x	1/8	22	Cft
Ent	1	x	1	x	5		x	15	x	1/8	9	Cft
G) MASJID												Cft
Hall	1	x	1	x	20		x	30	x	1/8	75	Cft
A) GROUND FLOOR PART-2												Cft
D 3 Outer ashwood	2	x	1	x	5		x	1 1/8	x	1/8	1	Cft
D 3 inner alumimium	2	x	1	x	5		x	1 1/8	x	1/8	1	Cft
D 4	6	x	1	x	4	1/2	x	1 1/8	x	1/8	4	Cft
D 5	3	x	1	x	3	1/2	x	1 1/8	x	1/8	1	Cft
D 6	4	x	1	x	3		x	1 1/8	x	1/8	2	Cft
D 8	3	x	1	x	3		x	3/4	x	1/8	1	Cft
D 9 x ray	1	x	1	x	4	1/2	x	3/4	x	1/8	0	Cft
B) GROUND FLOOR PART-3												Cft
D 3 Outer ashwood	2	x	1	x	5		x	1 1/8	x	1/8	1	Cft
D 4 A	3	x	1	x	4	1/2	x	1 1/8	x	1/8	2	Cft
D 5	3	x	1	x	3	1/2	x	1 1/8	x	1/8	1	Cft
C) OUT DOOR PATIENT												Cft
D 1 Outer ashwood	3	x	1	x	5		x	1 1/8	x	1/8	2	Cft
D 2 A	3	x	1	x	5		x	1 1/8	x	1/8	2	Cft
D 5	23	x	1	x	3	1/2	x	1 1/8	x	1/8	11	Cft
D) GYNEE & PEDIATRIC WARDS												Cft
D 1 Outer ashwood	4	x	1	x	5		x	1 1/8	x	1/8	3	Cft
D 2 inner alumimium	4	x	1	x	5		x	1 1/8	x	1/8	3	Cft
D 5	17	x	1	x	3	1/2	x	1 1/8	x	1/8	8	Cft
E) DAILYSIS UNIT												Cft
D 2 Outer ashwood	2	x	1	x	6		x	3/4	x	1/8	1	Cft
D 5	5	x	1	x	3	1/2	x	3/4	x	1/8	2	Cft
E) LAUNDARY												Cft
D 2 Outer ashwood	1	x	1	x	5		x	3/4	x	1/8	0	Cft
D 5	2	x	1	x	3	1/2	x	3/4	x	1/8	1	Cft
G) MASJID												Cft
D 5	3	x	1	x	5		x	1 1/8	x	1/8	2	Cft
A) GROUND FLOOR PART-2								x		1/8		
Film Store	1	x	1	x	8		x	8 5/8	x	1/8	9	Sft
Dark Room	1	x	1	x	8		x	9	x	1/8	9	Sft
Nurse Station	1	x	1	x	8		x	12 5/8	x	1/8	13	Sft
Stores	1	x	1	x	8		x	5	x	1/8	5	Sft
B) GROUND FLOOR PART-3								x		1/8		
Stores	4	x	1	x	5		x	12	x	1/8	30	Sft
Linen Store	2	x	1	x	5	5/8	x	6 1/2	x	1/8	9	Sft
D) GYNEE & PEDIATRIC WARDS								x		1/8		
Utility Stores	2	x	1	x	8		x	18	x	1/8	36	Sft
Stores	1	x	1	x	10		x	10	x	1/8	13	Sft
Change Room	1	x	1	x	8		x	10	x	1/8	10	Sft
" "	1	x	1	x	8		x	5	x	1/8	5	Sft
D4	3	x	1	x	4	1/2	x	1 1/8	x	1/8	2	Sft
D5	3	x	1	x	3	1/2	x	1 1/8	x	1/8	1	Sft
D5	10	x	1	x	3	1/2	x	3/4	x	1/8	3	Sft
D6	4	x	1	x	3		x	1 1/8	x	1/8	2	Sft
D7	5	x	1	x	2	3/4	x	1 1/8	x	1/8	2	Sft
Lav Female	1	x	1	x	7	5/8	x	13 5/8	x	1/8	13	Sft
Lav male	1	x	1	x	8		x	13 5/8	x	1/8	14	Sft
" " "	2	x	1	x	19	1/4	x	9 1/4	x	1/8	45	Sft
Toilets	2	x	1	x	5		x	6 3/4	x	1/8	8	Sft
" " "	2	x	1	x	5		x	6 1/2	x	1/8	8	Sft
" " "	2	x	1	x	8		x	6	x	1/8	12	Sft
Pantary	2	x	1	x	9		x	19 1/4	x	1/8	43	Sft
Bathes	7	x	1	x	5		x	6	x	1/8	26	Sft
" " "	3	x	1	x	6	3/8	x	8 5/8	x	1/8	21	Sft
" " "	4	x	1	x	3		x	4 1/4	x	1/8	6	Sft
" " "	2	x	1	x	6	3/8	x	4 1/4	x	1/8	7	Sft
" " "	4	x	1	x	10		x	7 3/4	x	1/8	39	Sft
" " "	2	x	1	x	8		x	5	x	1/8	10	Sft
" " "	2	x	1	x	5		x	4	x	1/8	5	Sft
" " "	1	x	1	x	7	1/2	x	5	x	1/8	5	Sft
" " "	2	x	1	x	10		x	5 1/4	x	1/8	13	Sft
" " "	1	x	1	x	8		x	5 1/4	x	1/8	5	Sft
" " "	1	x	1	x	8		x	7 1/4	x	1/8	7	Sft
" " "	1	x	1	x	8		x	8	x	1/8	8	Sft
" " "	3	x	1	x	5	1/4	x	5 1/2	x	1/8	11	Sft
Lav	1	x	1	x	8		x	16	x	1/8	16	Sft

	No									Qty	Unit
D5	7	x	1	x	3	x	3/4	x	1/8	2	Sft
D6	18	x	1	x	2 1/2	x	3/4	x	1/8	4	Sft
D7	18	x	1	x	2 3/4	x	3/8	x	1/8	2	Sft
D7	21	x	1	x	2 3/4	x	3/8	x	1/8	3	Sft
									Total	**4047**	Cft
									@	11209.45	%cft	Rs. 453646/-

5 Dismantling mud concrete

A) OPERATION THEATER

	No				L		W		Frac	Qty	Unit
X-Ray Room	1	x	1	x	13	x	18	x	1/3	77	Cft
Operation theater	1	x	1	x	20	x	18	x	1/3	119	Cft
Scrub Room	1	x	1	x	12	x	18	x	1/3	71	Cft
Sterlization	1	x	1	x	12	x	9 5/8	x	1/3	38	Cft
Delevary	1	x	1	x	13 5/8	x	18	x	1/3	81	Cft
Labour Room	1	x	1	x	16	x	13 5/8	x	1/3	72	Cft
Doctor Room	1	x	2	x	8	x	13 5/8	x	1/3	72	Cft
Plaster Room	1	x	1	x	10	x	13 5/8	x	1/3	45	Cft
Labortary	1	x	1	x	13 3/4	x	13 5/8	x	1/3	62	Cft
Front Ver 7' wide	1	x	1	x	88 3/4	x	7	x	1/3	205	Cft
Corridor 8' wide	1	x	1	x	83 3/4	x	8	x	1/3	221	Cft
Passage	1	x	1	x	35	x	9	x	1/3	104	Cft
Stair Hall	1	x	1	x	10	x	15	x	1/3	50	Cft

B) GROUND FLOOR PART-3

	No				L		W		Frac	Qty	Unit
18-bed ward	1	x	1	x	35 5/8	x	46 3/4	x	1/3	550	Cft
2-bed ward	2	x	1	x	12	x	19 1/4	x	1/3	152	Cft
Nurse Station	2	x	1	x	11	x	12	x	1/3	88	Cft
Medical Officer	2	x	1	x	10	x	15 5/8	x	1/3	103	Cft
Corridor 8' wide	2	x	1	x	29	x	8	x	1/3	153	Cft
Passage 11' wide	1	x	1	x	11	x	34 7/8	x	1/3	127	Cft
Front Ver 9' wide	1	x	1	x	141 3/4	x	9	x	1/3	421	Cft
Passage to Ramp	1	x	1	x	20	x	11	x	1/3	73	Cft
Stair Hall	1	x	1	x	10	x	15	x	1/3	50	Cft

C) OUT DOOR PATIENT

	No				L		W		Frac	Qty	Unit
Tibb room	1	x	1	x	12	x	14	x	1/3	55	Cft
Exam	7	x	1	x	5	x	7 5/8	x	1/3	88	Cft
Homoepath room	1	x	1	x	12	x	13 5/8	x	1/3	54	Cft
Dispansary	2	x	1	x	12	x	14	x	1/3	111	Cft
Waiting	2	x	1	x	15 1/4	x	14	x	1/3	141	Cft
" " "	2	x	1	x	15 1/4	x	13 5/8	x	1/3	137	Cft
Dispansary	2	x	1	x	12	x	13 5/8	x	1/3	108	Cft
Admin Officer	1	x	1	x	15 5/8	x	14	x	1/3	72	Cft
Medical Store	1	x	1	x	12 1/2	x	14	x	1/3	58	Cft
Medical Superdent	1	x	1	x	16	x	14	x	1/3	74	Cft
General Store	1	x	1	x	10	x	13 5/8	x	1/3	45	Cft
Treatment Room	1	x	1	x	8	x	13 5/8	x	1/3	36	Cft
Dispansary	1	x	1	x	14	x	13 5/8	x	1/3	63	Cft
Emergancy	1	x	1	x	16	x	13 5/8	x	1/3	72	Cft
Speclist	1	x	1	x	12	x	13 5/8	x	1/3	54	Cft
Senier Medical office	1	x	1	x	12	x	14	x	1/3	55	Cft
Medical Officer	1	x	1	x	12	x	14	x	Total	55	Cft
Treatment Room	1	x	1	x	10	x	14	x	1/3	46	Cft
Waiting	1	x	1	x	13 3/4	x	14	x	1/3	64	Cft
Gynicologist	1	x	1	x	12	x	14	x	1/3	55	Cft
World food	1	x	1	x	10	x	14	x	1/3	46	Cft
WmO	1	x	1	x	15	x	14	x	1/3	69	Cft
Front Ver 7' wide	1	x	1	x	230	x	7	x	1/3	531	Cft
Corridor 8' wide	1	x	1	x	245	x	11	x	1/3	889	Cft
Waiting	1	x	1	x	16	x	13 5/8	x	1/3	72	Cft
Ent Hall	1	x	1	x	23	x	15	x	1/3	114	Cft
Side plate form	1	x	1	x	8	x	4	x	1/3	11	Cft
" " "	1	x	1	x	8	x	6	x	1/3	16	Cft
Passage	1	x	1	x	17 3/4	x	9	x	1/3	53	Cft
Ent plate form	1	x	1	x	19	x	13	x	1/3	82	Cft

D) GYNEE & PEDIATRIC WARDS

	No				L		W		Frac	Qty	Unit
Entr	2	x	1	x	10	x	8	x	1/3	53	Cft
Corridor 8' wide	2	x	1	x	35	x	8	x	1/3	185	Cft
Isolation	2	x	2	x	10	x	10 1/4	x	1/3	135	Cft
5-bed ward	2	x	2	x	18	x	18	x	1/3	428	Cft
Ver 6' wide	2	x	2	x	29	x	8	x	1/3	306	Cft
Nurse Station	2	x	1	x	8	x	13	x	1/3	69	Cft
Waiting	1	x	1	x	14	x	15	x	1/3	69	Cft
WMO	1	x	1	x	10	x	11 1/4	x	1/3	37	Cft
WMO/Dress	1	x	1	x	4 1/4	x	4 3/4	x	1/3	7	Cft
Doctor Room	1	x	1	x	10	x	11 1/4	x	1/3	37	Cft
Doctor/Dress	1	x	1	x	4 1/4	x	4 3/4	x	1/3	7	Cft
Icu ward	1	x	1	x	12	x	16	x	1/3	63	Cft
Anti & Recovery	3	x	1	x	10	x	16	x	1/3	158	Cft
Labour Room	1	x	1	x	16	x	16	x	1/3	84	Cft
Corridor 8' wide	1	x	1	x	49	x	8	x	1/3	129	Cft
Nurse Station	1	x	1	x	8	x	10	x	1/3	26	Cft
O.T	1	x	1	x	18	x	16	x	1/3	95	Cft
Delivery	1	x	1	x	12	x	16	x	1/3	63	Cft

E) DAILYSIS UNIT

	No				L		W		Frac	Qty	Unit
Ver Ents	1	x	1	x	18	x	11 3/4	x	1/3	70	Cft
Ver/Room	1	x	1	x	10 1/2	x	10 3/4	x	1/3	37	Cft
Link passage	1	x	1	x	22	x	8 1/2	x	1/3	62	Cft
Corridor 8' wide	1	x	1	x	8	x	26 1/2	x	1/3	70	Cft
Room	1	x	1	x	18	x	12 1/4	x	1/3	73	Cft

" " "	2	x	1	x	18		x	14	x	1/3	166	Cft
" " "	2	x	1	x	18	4/22	x	10	x	1/3	119	Cft
F) LAUNDARY												Cft
Laundary	1	x	1	x	31		x	19 1/4	x	1/3	197	Cft
Room	2	x	1	x	8		x	10 3/4	x	1/3	57	Cft
Ent	1	x	1	x	5		x	15	x	1/3	25	Cft
G) MASJID												Cft
Hall	1	x	1	x	20		x	30	x	1/3	198	Cft
A) GROUND FLOOR PART-2									x	1/3		
Film Store	1	x	1	x	8		x	8 5/8	x	1/3	23	Sft
Dark Room	1	x	1	x	8		x	9	x	1/3	24	Sft
Nurse Station	1	x	1	x	8		x	12 5/8	x	1/3	33	Sft
Stores	1	x	1	x	8		x	5	x	1/3	13	Sft
B) GROUND FLOOR PART-3									x	1/3		
Stores	4	x	1	x	5		x	12	x	1/3	79	Sft
Linen Store	2	x	1	x	5	5/8	x	6 1/2	x	1/3	24	Sft
D) GYNEE & PEDIATRIC WARDS									x	1/3		
Utility Stores	2	x	1	x	8		x	18	x	1/3	95	Sft
Stores	1	x	1	x	10		x	10	x	1/3	33	Sft
Change Room	1	x	1	x	8		x	10	x	1/3	26	Sft
" " "	1	x	1	x	8		x	5	x	1/3	13	Sft
Lav Female	1	x	1	x	7	5/8	x	13 5/8	x	1/3	34	Sft
Lav male	1	x	1	x	8		x	13 5/8	x	1/3	36	Sft
	2	x	1	x	19	1/4	x	9 1/4	x	1/3	118	Sft
Toilets	2	x	1	x	5		x	6 3/4	x	1/3	22	Sft
" " "	2	x	1	x	5	1/2	x	6 1/2	x	1/3	24	Sft
" " "	2	x	1	x	5		x	6 1/2	x	1/3	21	Sft
" " "	2	x	1	x	8		x	6	x	1/3	32	Sft
Pantary	2	x	1	x	9		x	19 1/4	x	1/3	114	Sft
Bathes	7	x	1	x	5		x	6	x	1/3	69	Sft
" " "	3	x	1	x	6	3/8	x	8 5/8	x	1/3	54	Sft
" " "	4	x	1	x	3		x	4 1/4	x	1/3	17	Sft
" " "	2	x	1	x	6	3/8	x	4 1/4	x	1/3	18	Sft
" " "	4	x	1	x	10		x	7 3/4	x	1/3	102	Sft
" " "	2	x	1	x	8		x	5	x	1/3	26	Sft
" " "	2	x	1	x	5		x	4	x	1/3	13	Sft
" " "	1	x	1	x	7	1/2	x	5	x	1/3	12	Sft
" " "	2	x	1	x	10		x	5 1/4	x	1/3	35	Sft
" " "	1	x	1	x	8		x	5 1/4	x	1/3	14	Sft
" " "	1	x	1	x	8		x	7 1/4	x	1/3	19	Sft
" " "	1	x	1	x	8		x	8	x	1/3	21	Sft
" " "	3	x	1	x	5	1/4	x	5 1/2	x	1/3	29	Sft
Lav	1	x	1	x	8		x	16	x	1/3	42	Sft
								Total			**10519**	Cft
								@			2038.10	%cft	Rs. 214388/-

6 Dismantling brick or flagged flooring with out concrete foundation.

OPD		6875	x		0.9	6,188	Sft
DIAGNOSTIC		4379	x		0.9	3,941	Sft
Khurras		-20	x		4	(80)	Sft
				Total		**10049**	Sft
				@		866.20	% Sft	Rs. 87041/-

7 Removing D-Wood Doors With Chowkat

	1	x	98	98	Nos
		Total		**98**	Nos
		@		448.45	Each	Rs. 43948/-

8 Removing window and sky lights with Chowkat.

	1	x	171	171	Nos
		Total		**171**	Nos
		@		350.45	Each	Rs. 59927/-

9 Dismantling glazed or encaustic tiles, etc.

Lav Female		1	x	1	x	7 5/8	x	13 5/8	104	Sft
Lav male		1	x	1	x	8	x	13 5/8	109	Sft
" " "		2	x	1	x	19 1/4	x	9 1/4	356	Sft
Toilets		2	x	1	x	5	x	6 3/4	68	Sft
" " "		2	x	1	x	5 1/2	x	6 1/2	72	Sft
" " "		2	x	1	x	5	x	6 1/2	65	Sft
" " "		2	x	1	x	8	x	6	96	Sft
Pantary		2	x	1	x	9	x	19 1/4	347	Sft
Bathes		7	x	1	x	5	x	6	210	Sft
" " "		3	x	1	x	6 3/8	x	8 5/8	165	Sft
" " "		4	x	1	x	3	x	4 1/4	51	Sft
" " "		2	x	1	x	6 3/8	x	4 1/4	54	Sft
" " "		4	x	1	x	10	x	7 3/4	310	Sft
" " "		2	x	1	x	8	x	5	80	Sft
" " "		2	x	1	x	5	x	4	40	Sft
" " "		1	x	1	x	7 1/2	x	5	38	Sft
" " "		1	x	1	x	8	x	5 1/4	42	Sft
" " "		1	x	1	x	8	x	7 1/4	58	Sft
" " "		1	x	1	x	8	x	8	64	Sft
" " "		3	x	1	x	5 1/4	x	5 1/2	87	Sft
Lav		1	x	1	x	8	x	16	128	Sft
	D5	7	x	1	x	3	x	3/4	16	Sft
	D6	18	x	1	x	2 1/2	x	3/4	34	Sft
	D7	18	x	1	x	2 3/4	x	3/8	19	Sft
	D7	21	x	1	x	2 3/4	x	3/8	22	Sft
Lav Female		1	x	2	x(	7 5/8	+	13 5/8)x	4	170	Sft
Lav male		1	x	2	x(	8	+	13 5/8)x	4	173	Sft
" " "		2	x	2	x(	19 1/4	+	9 1/4)x	4	456	Sft

Description	No.				L			B			Thickness	Qty	Unit
D4	3	x	1	x	4	1/2	x	1 1/8	x		1/8	2	Cft
D5	3	x	1	x	3	1 9/22	x	1 1/8	x		1/8	1	Cft
D5	10	x	1	x	3	1/2	x	3/4	x		1/8	3	Cft
D6	4	x	1	x	3		x	1 1/8	x		1/8	2	Cft
D7	5	x	1	x	2	3/4	x	1 1/8	x		1/8	2	Cft
Lav Female	1	x	1	x	7	5/8	x	13 5/8	x		1/8	13	Cft
Lav male	1	x	1	x	8		x	13 5/8	x		1/8	14	Cft
" " "	2	x	1	x	19	1/4	x	9 1/4	x		1/8	45	Cft
Toilets	2	x	1	x	5		x	6 3/4	x		1/8	8	Cft
" " "	2	x	1	x	5		x	6 1/2	x		1/8	8	Cft
" " "	2	x	1	x	8		x	6	x		1/8	12	Cft
Pantary	2	x	1	x	9		x	19 1/4	x		1/8	43	Cft
Bathes	7	x	1	x	5		x	6	x		1/8	26	Cft
" " "	3	x	1	x	6	3/8	x	8 5/8	x		1/8	21	Cft
" " "	4	x	1	x	3		x	4 1/4	x		1/8	6	Cft
" " "	2	x	1	x	6	3/8	x	4 1/4	x		1/8	7	Cft
" " "	4	x	1	x	10		x	7 3/4	x		1/8	39	Cft
" " "	2	x	1	x	8		x	5	x		1/8	10	Cft
" " "	2	x	1	x	5		x	4	x		1/8	5	Cft
" " "	1	x	1	x	7	1/2	x	5	x		1/8	5	Cft
" " "	2	x	1	x	10		x	5 1/4	x		1/8	13	Cft
" " "	1	x	1	x	8		x	5 1/4	x		1/8	5	Cft
" " "	1	x	1	x	8		x	7 1/4	x		1/8	7	Cft
" " "	1	x	1	x	8		x	8	x		1/8	8	Cft
" " "	3	x	1	x	5	1/4	x	5 1/2	x		1/8	11	Cft
Lav	1	x	1	x	8		x	16	x		1/8	16	Cft
D5	7	x	1	x	3		x	3/4	x		1/8	2	Cft
D6	18	x	1	x	2	1/2	x	3/4	x		1/8	4	Cft
D7	18	x	1	x	2	3/4	x	3/8	x		1/8	2	Cft
D7	21	x	1	x	2	3/4	x	3/8	x		1/8	3	Cft
										Total		~~4101~~ 4047	Cft

3 Providing and laying of Porceline full body tiles 600-mmx600-mm DWV series Polished or Equivalent, class SB Flooring (Diagnal shape / design) of approved Color and Shade laid over 3/4"thick cement plaster 1:2 i/c white cement, pigment and sealer for finishing the joints i/c cutting grinding where necessary complete in all respects and as approved by the Engineer Incharge.

A) OPERATION THEATER

Description	No.				L			B		Qty	Unit
X-Ray Room	1	x	1	x	13		x	18		234	Sft
Operation theater	1	x	1	x	20		x	18		360	Sft
Scrub Room	1	x	1	x	12		x	18		216	Sft
Sterlization	1	x	1	x	12		x	9 5/8		116	Sft
Delevary	1	x	1	x	13	5/8	x	18		245	Sft
Labour Room	1	x	1	x	16		x	13 5/8		218	Sft
Doctor Room	1	x	2	x	8		x	13 5/8		218	Sft
Plaster Room	1	x	1	x	10		x	13 5/8		136	Sft
Labortary	1	x	1	x	13	3/4	x	13 5/8		187	Sft
Front Ver 7' wide	1	x	1	x	88 3/4		x	7		621	Sft
Corridor 8' wide	1	x	1	x	83	3/4	x	8		670	Sft
Passage	1	x	1	x	35		x	9		315	Sft
~~Stair Hall~~	~~1~~	~~x~~	~~1~~	~~x~~	~~10~~		~~x~~	~~15~~		~~150~~	Sft

B) GROUND FLOOR PART-3

Description	No.				L			B		Qty	Unit
18-bed ward	2	x	1	x	35	5/8	x	46 3/4		3331	Sft
2-bed ward	2	x	1	x	12		x	19 1/4		462	Sft
Nurse Station	2	x	1	x	11		x	12		264	Sft
Medical Officer	2	x	1	x	10		x	15 5/8		313	Sft
Corridor 8' wide	2	x	1	x	29		x	8		464	Sft
Passage 11' wide	1	x	1	x	11		x	34 7/8		384	Sft
Front Ver 9' wide	1	x	1	x	141	3/4	x	9		1276	Sft
Passage to Ramp	1	x	1	x	20		x	11		220	Sft
~~Stair Hall~~	~~1~~	~~x~~	~~1~~	~~x~~	~~10~~		~~x~~	~~15~~		~~150~~	Sft

C) OUT DOOR PATIENT

Description	No.				L			B		Qty	Unit
Tibb room	1	x	1	x	12		x	14		168	Sft
Exam	7	x	1	x	5		x	7 5/8		267	Sft
Homoepath room	1	x	1	x	12		x	13 5/8		164	Sft
Dispansary	2	x	1	x	12		x	14		336	Sft
Waiting	2	x	1	x	15	1/4	x	14		427	Sft
" " "	2	x	1	x	15	1/4	x	13 5/8		416	Sft
Dispansary	2	x	1	x	12		x	13 5/8		327	Sft
Admin Officer	1	x	1	x	15	5/8	x	14		219	Sft
Medical Store	1	x	1	x	12	1/2	x	14		175	Sft
Medical Superdent	1	x	1	x	16		x	14		224	Sft
General Store	1	x	1	x	10		x	13 5/8		136	Sft
Treatment Room	1	x	1	x	8		x	13 5/8		109	Sft
Dispansary	1	x	1	x	14		x	13 5/8		191	Sft
Emergancy	1	x	1	x	16		x	13 5/8		218	Sft
Speclist	1	x	1	x	12		x	13 5/8		164	Sft
Senier Medical office	1	x	1	x	12		x	14		168	Sft
Medical Officer	1	x	1	x	12		x	14		168	Sft
Treatment Room	1	x	1	x	10		x	14		140	Sft
Waiting	1	x	1	x	13	3/4	x	14		193	Sft
Gynicologist	1	x	1	x	12		x	14		168	Sft
World food	1	x	1	x	10		x	14		140	Sft
WmO	1	x	1	x	15		x	14		210	Sft
Front Ver 7' wide	1	x	1	x	230		x	7		1610	Sft
Corridor 8' wide	1	x	1	x	245		x	11		2695	Sft
Waiting	1	x	1	x	16		x	13 5/8		218	Sft
Ent Hall	1	x	1	x	23		x	15		345	Sft
Side plate form	1	x	1	x	8		x	4		32	Sft

Description	Nos				L			B				Area	Unit
" " "	1	x	1	x	8		x	6				48	Sft
Passage	1	x	1	x	17	3.0.22	x	9				160	Sft
Ent plate form	1	x	1	x	19		x	13				247	Sft
D) GYNEE & PEDIATRIC WARDS													
Entr	2	x	1	x	10		x	8				160	Sft
Corridor 8' wide	2	x	1	x	35		x	8				560	Sft
Isolation	2	x	2	x	10		x	10 1/4				410	Sft
5-bed ward	1	x	4	x	18		x	18				1296	Sft
Ver 6' wide	1	x	2	x	29		x	8				464	Sft
Nurse Station	2	x	1	x	8		x	11 1/4				180	Sft
Waiting	1	x	1	x	14		x	16				224	Sft
WMO	1	x	1	x	10		x	11 1/4				113	Sft
WMO/Dress	1	x	1	x	4	1/4	x	4 3/4				20	Sft
Doctor Room	1	x	1	x	10		x	11 1/4				113	Sft
Doctor/Dress	1	x	1	x	4	1/4	x	4 3/4				20	Sft
Icu ward	1	x	1	x	12		x	16				192	Sft
Anti & Recovery	2	x	1	x	10		x	16				320	Sft
Labour Room	1	x	1	x	16		x	16				256	Sft
Corridor 8' wide	1	x	1	x	49		x	8				392	Sft
Nurse Station	1	x	1	x	8		x	10				80	Sft
O.T	1	x	1	x	18		x	16				288	Sft
Delivery	1	x	1	x	12		x	16				192	Sft
Lbrary	1	x	1	x	26	3/4	x	16				428	Sft
GYNEE	1	x	1	x	10		x	16				160	Sft
plate form	1	x	1	x	14		x	16				224	Sft
E) DAILYSIS UNIT													
Ver Ents	1	x	1	x	18		x	11 3/4				212	Sft
Ver/Room	1	x	1	x	10	1/2	x	10 3/4				113	Sft
Link passage	1	x	1	x	22		x	8 1/2				187	Sft
Corridor 8' wide	1	x	1	x	8		x	26 1/2				212	Sft
Room	1	x	1	x	18		x	12 1/4				221	Sft
" " "	2	x	1	x	18		x	14				504	Sft
" " "	2	x	1	x	18		x	10				360	Sft
F) LAUNDARY													
Laundary	1	x	1	x	31		x	19 1/4				597	Sft
Room	2	x	1	x	8		x	10 3/4				172	Sft
Ent	1	x	1	x	5		x	15				75	Sft
G) MASJID													
Hall	1	x	1	x	20		x	30				600	Sft
A) GROUND FLOOR PART-2													
D 3 Outer ashwood	2	x	1	x	5		x	1 1/8				11	Sft
D 3 inner alumimium	2	x	1	x	5		x	1 1/8				11	Sft
D 4	6	x	1	x	4	1/2	x	1 1/8				30	Sft
D 5	3	x	1	x	3	1/2	x	1 1/8				12	Sft
D 6	4	x	1	x	3		x	1 1/8				14	Sft
D 8	3	x	1	x	3		x	3/4				7	Sft
D 9 x ray	1	x	1	x	4	1/2	x	3/4				3	Sft
B) GROUND FLOOR PART-3													
D 3 Outer ashwood	2	x	1	x	5		x	1 1/8				11	Sft
D 4 A	3	x	1	x	4	1/2	x	1 1/8				15	Sft
D 5	3	x	1	x	3	1/2	x	1 1/8				12	Sft
C) OUT DOOR PATIENT													
D 1 Outer ashwood	3	x	1	x	5		x	1 1/8				17	Sft
D 2 A	3	x	1	x	5		x	1 1/8				17	Sft
D 5	23	x	1	x	3	1/2	x	1 1/8				91	Sft
D) GYNEE & PEDIATRIC WARDS													
D 1 Outer ashwood	4	x	1	x	5		x	1 1/8				23	Sft
D 2 inner alumimium	4	x	1	x	5		x	1 1/8				23	Sft
D 5	17	x	1	x	3	1/2	x	1 1/8				67	Sft
E) DAILYSIS UNIT													
D 2 Outer ashwood	2	x	1	x	6		x	3/4				9	Sft
D 5	5	x	1	x	3	1/2	x	3/4				13	Sft
E) LAUNDARY													
D 2 Outer ashwood	1	x	1	x	5		x	3/4				4	Sft
D 5	2	x	1	x	3	1/2	x	3/4				5	Sft
G) MASJID													
D 5	3	x	1	x	5		x	1 1/8				17	Sft
A) GROUND FLOOR PART-3													
Film Store	1	x	1	x	8		x	8 5/8		x	1	69	Sft
Dark Room	1	x	1	x	8		x	9		x	1	72	Sft
Nurse Station	1	x	1	x	8		x	12 5/8		x	1	101	Sft
Stores	1	x	1	x	8		x	5		x	1	40	Sft
B) GROUND FLOOR PART-3													
Stores	4	x	1	x	5		x	12		x	1	240	Sft
Linen Store	2	x	1	x	5	5/8	x	6 1/2		x	1	73	Sft
D) GYNEE & PEDIATRIC WARDS													
Utility Stores	2	x	1	x	8		x	18		x	1	288	Sft
Stores	1	x	1	x	10		x	10		x	1	100	Sft
Change Room	1	x	1	x	8		x	10		x	1	80	Sft
" " "	1	x	1	x	8		x	5		x	1	40	Sft
D4	3	x	1	x	4	1/2	x	1 1/8		x	1	15	Sft
D5	3	x	1	x	3	1/2	x	1 1/8		x	1	12	Sft
D5	10	x	1	x	3	1/2	x	3/4		x	1	26	Sft
D6	4	x	1	x	3		x	1 1/8		x	1	14	Sft
D7	5	x	1	x	2	3/4	x	1 1/8		x	1	15	Sft
Toilets													
Lav Female	1	x	1	x	7	5/8	x	13 5/8				104	Sft

4 Providing and laying of Porceline full body tiles 600-mmx600-mm DWV series Polished or Equivalent, class SB skirting/dado of approved Color and Shade laid over 1/2"thick cement plaster 1:2 i/c white cement, pigment and sealer for finishing the joints i/c cutting grinding where necessary complete in all respects and as approved by the Engineer Incharge

A) OPERATION THEATER

Description	No				L		op	W		)x			Qty	Unit
X-Ray Room	1	x	2	x(	13		+	18		)x	4		248	Sft
Operation theater	1	x	2	x(	20		+	18		)x	4		304	Sft
Scrub Room	1	x	2	x(	12		+	18		)x		1/2	30	Sft
Sterlization	1	x	2	x(	12		+	9 5/8		)x;		1/2	22	Sft
Delevary	1	x	2	x(	13	5/8	+	18		)x	4		253	Sft
Labour Room	1	x	2	x(	16		+	13 5/8		)x	4		237	Sft
Doctor Room	2	x	2	x(	8		+	13 5/8		)x		1/2	43	Sft
Plaster Room	1	x	2	x(	10		+	13 5/8		)x		1/2	24	Sft
Labortary	1	x	2	x(	13	3/4	+	13 5/8		)x		1/2	27	Sft
Front Ver 7' wide	1	x	2	x(	88	3/4	+	7		)x	4		766	Sft
Corridor 8' wide	1	x	2	x(	83	3/4	+	8		)x	4		734	Sft
Passage	1	x	2	x(	35		+	9		)x	4		352	Sft

B) GROUND FLOOR PART-3

Description	No				L		op	W		)x			Qty	Unit
18-bed ward	1	x	2	x(	35	5/8	+	46 3/4		)x	4		659	Sft
2-bed ward	2	x	2	x(	12		+	19 1/4		)x	4		500	Sft
Nurse Station	2	x	2	x(	11		+	12		)x	4		368	Sft
Medical Officer	2	x	2	x(	10		+	15 5/8		)x	4		410	Sft
Corridor 8' wide	2	x	2	x(	29		+	8		)x	4		592	Sft
Passage 11' wide	1	x	2	x(	11		+	34 7/8		)x	4		367	Sft
Front Ver 9' wide	1	x	2	x(	141	3/4	+	9		)x	4		1206	Sft
Passage to Ramp	1	x	2	x(	20		+	11		)x	4		248	Sft

C) OUT DOOR PATIENT

Description	No				L		op	W		)x			Qty	Unit
Tibb room	1	x	2	x(	12		+	14		)x		1/2	26	Sft
Exam	7	x	2	x(	5		+	7 5/8		)x		1/2	88	Sft
Homoepath room	1	x	2	x(	12		+	13 5/8		)x		1/2	26	Sft
Dispansary	2	x	2	x(	12		+	14		)x		1/2	52	Sft
Waiting	2	x	2	x(	15	1/4	+	14		)x	4		468	Sft
" " "	2	x	2	x(	15	1/4	+	13 5/8		)x	4		462	Sft
Dispansary	2	x	2	x(	12		+	13 5/8		)x	4		410	Sft
Admin Officer	1	x	2	x(	15	5/8	+	14		)x	4		237	Sft
Medical Store	1	x	2	x(	12	1/2	+	14		)x		1/2	27	Sft
Medical Superdent	1	x	2	x(	16		+	14		)x	4		240	Sft
General Store	1	x	2	x(	10		+	13 5/8		)x		1/2	24	Sft
Treatment Room	1	x	2	x(	8		+	13 5/8		)x		1/2	22	Sft
Dispansary	1	x	2	x(	14		+	13 5/8		)x		1/2	28	Sft
Emergancy	1	x	2	x(	16		+	13 5/8		)x		1/2	30	Sft
Speclist	1	x	2	x(	12		+	13 5/8		)x	4		205	Sft
Senier Medical office	1	x	2	x(	12		+	14		)x		1/2	26	Sft
Medical Officer	1	x	2	x(	12		+	14		)x	4		208	Sft
Treatment Room	1	x	2	x(	10		+	14		)x	4		192	Sft
Waiting	1	x	2	x(	13	3/4	+	14		)x	4		222	Sft
Gynicologist	1	x	2	x(	12		+	14		)x	4		208	Sft
World food	1	x	2	x(	10		+	14		)x	4		192	Sft
WmO	1	x	2	x(	15		+	14		)x	4		232	Sft
Front Ver 7' wide	1	x	2	x(	230		+	7		)x		1/2	237	Sft
Corridor 8' wide	1	x	2	x(	245		+	11		)x	4		2048	Sft
Waiting	1	x	2	x(	16		+	13 5/8		)x	4		237	Sft
Ent Hall	1	x	2	x(	23		+	15		)x	4		304	Sft
Side plate form	1	x	2	x(	8		+	4		)x	4		96	Sft
" " "	1	x	2	x(	8		+	6		)x	4		112	Sft
Passage	1	x	2	x(	17	3/4	x	9		)x	4		214	Sft
Ent plate form	1	x	2	x(	19		x	13		)x	4		256	Sft

D) GYNEE & PEDIATRIC WARDS

Description	No				L		op	W		)x			Qty	Unit
Entr	2	x	2	x(	10		x	8		)x	4		288	Sft
Corridor 8' wide	2	x	2	x(	35		x	8		)x	4		688	Sft
Isolation	4	x	2	x(	10		x	10 1/4		)x	4		648	Sft
5-bed ward	4	x	2	x(	18		x	18		)x	4		1152	Sft
Ver 6' wide	4	x	2	x(	29		x	8		)x	4		1184	Sft
Nurse Station	2	x	2	x(	8		x	13		)x	4		336	Sft
Waiting	1	x	2	x(	14		x	15		)x	4		232	Sft
WMO	1	x	2	x(	10		x	11 1/4		)x	4		170	Sft
WMO/Dress	1	x	2	x(	4	1/4	x	4 3/4		)x	4		72	Sft
Doctor Room	1	x	2	x(	10		x	11 1/4		)x	4		170	Sft
Doctor/Dress	1	x	2	x(	4	1/4	x	4 3/4		)x	4		72	Sft
Icu ward	1	x	2	x(	12		x	16		)x	4		224	Sft
Anti & Recovery	3	x	2	x(	10		x	16		)x	4		624	Sft
Labour Room	1	x	2	x(	16		x	16		)x	4		256	Sft
Corridor 8' wide	1	x	2	x(	49		x	8		)x	4		456	Sft
Nurse Station	1	x	2	x(	8		+	10		)x	4		144	Sft
O.T	1	x	2	x(	18		+	16		)x	4		272	Sft
Delivery	1	x	2	x(	12		+	16		)x	4		224	Sft
Library/seminar	1	x	2	x(	26	3/4	+	16		)x	4		342	Sft

E) DAILYSIS UNIT

Description	No				L		op	W		)x			Qty	Unit
Ver Ents	1	x	2	x(	18		+	11 3/4		)x	4		238	Sft
Ver/Room	1	x	2	x(	10	1/2	+	10 3/4		)x	4		170	Sft
Link passage	1	x	2	x(	22		+	8 1/2		)x	4		244	Sft
Corridor 8' wide	1	x	2	x(	8		+	26 1/2		)x	4		276	Sft

Description											Area	Unit
Room	1	x	2	x(	18		+	12 1/4	)x	1/2	30	Sft
" " "	2	x	2	x(	18		+	14	)x	1/2	64	Sft
" " "	2	x	2	x(	18		+	10	)x	1/2	56	Sft

F) LAUNDARY

Laundary	1	x	2	x(	31		+	19 1/4	)x	1/2	50	Sft
Room	2	x	2	x(	8		+	10 3/4	)x	1/2	38	Sft

A) OPERATION THEATER

Film Store	1	x	2	x(	8		+	8 5/8	)x	1/2	17	Sft
Dark Room	1	x	2	x(	8		+	9	)x	1/2	17	Sft
Nurse Station	1	x	2	x(	8		+	12 5/8	)x	4	165	Sft
Stores	1	x	2	x(	8		+	5	)x	1/2	13	Sft

B) GROUND FLOOR PART-3

Stores	4	x	2	x(	5		+	12	)x	1/2	68	Sft
Linen Store	2	x	2	x(	5		+	6 3/8	)x	1/2	23	Sft

D) GYNEE & PEDIATRIC WARDS

Utility Stores	2	x	2	x(	8		+	18	)x	1/2	52	Sft
Stores	1	x	2	x(	10		+	10	)x	1/2	20	Sft
Change Room	1	x	2	x(	8		+	10	)x	1/2	18	Sft
" " "	1	x	2	x(	8		+	5	)x	1/2	13	Sft

G) MASJID

Hall	1	x	2	x(	20		+	30	)x	4	400	Sft
Lav Female	1	x	2	x(	7	5/8	+	13 5/8	)x	7	298	Sft
Lav male	1	x	2	x(	8		+	13 5/8	)x	7	303	Sft
" " "	2	x	2	x(	19	1/4	+	9 1/4	)x	7	798	Sft
Toilets	2	x	2	x(	5		+	6 3/4	)x	7	329	Sft
" " "	2	x	2	x(	5	1/2	+	6 1/2	)x	7	336	Sft
" " "	2	x	2	x(	5		+	6 1/2	)x	7	322	Sft
" " "	2	x	2	x(	8		+	6	)x	7	392	Sft
Pantary	2	x	2	x(	9		+	19 1/4	)x	7	791	Sft
Bathes	7	x	2	x(	5		+	6	)x	7	1078	Sft
" " "	3	x	2	x(	6	3/8	+	8 5/8	)x	7	630	Sft
" " "	4	x	2	x(	3		+	4 1/4	)x	7	406	Sft
" " "	2	x	2	x(	6	3/8	+	4 1/4	)x	7	298	Sft
" " "	4	x	2	x(	10		+	7 3/4	)x	7	994	Sft
" " "	2	x	2	x(	8		+	5	)x	7	364	Sft
" " "	2	x	2	x(	5		+	4	)x	7	252	Sft
" " "	1	x	2	x(	7	1/2	+	5	)x	7	175	Sft
" " "	2	x	2	x(	10		+	5 1/4	)x	7	427	Sft
" " "	1	x	2	x(	8		+	5 1/4	)x	7	18t	Sft
" " "	1	x	2	x(	8		+	7 1/4	)x	7	214	Sft
" " "	1	x	2	x(	8		+	8	)x	7	224	Sft
" " "	3	x	2	x(	5	1/4	+	5 1/2	)x	7	452	Sft
Lav	1	x	2	x(	8		+	16	)x	7	336	Sft
									Total		**33645**	**Sft**

Deduction

A) GROUND FLOOR PART-2

D 3 Outer ashwood	2	x	1	x	5		x	4		40	Sft
D 3 inner alumimium	2	x	1	x	5		x	4		40	Sft
D 4	6	x	1	x	4	1/2	x	4		108	Sft
D 5	3	x	1	x	3	1/2	x	4		42	Sft
D 6	4	x	1	x	3		x	4		48	Sft
D 8	3	x	1	x	3		x	4		36	Sft
D 9 x ray	1	x	1	x	4	1/2	x	4		18	Sft

B) GROUND FLOOR PART-3

D 3 Outer ashwood	2	x	1	x	5		x	4		40	Sft
D 4 A	3	x	1	x	4	1/2	x	4		54	Sft
D 5	3	x	1	x	3	1/2	x	4		42	Sft
D 1 Outer ashwood	3	x	1	x	5		x	4		60	Sft
D 2 A	3	x	1	x	5		x	4		60	Sft
D 5	23	x	1	x	3	1/2	x	4		322	Sft

D) GYNEE & PEDIATRIC WARDS

D 1 Outer ashwood	4	x	1	x	5		x	4		80	Sft
D 2 inner alumimium	4	x	1	x	5		x	4		80	Sft
D 5	17	x	1	x	3	1/2	x	4		238	Sft

E) DAILYSIS UNIT

D 2 Outer ashwood	2	x	1	x	6		x	4		48	Sft
D 5	5	x	1	x	3	1/2	x	4		70	Sft
D 2 Outer ashwood	1	x	1	x	5		x	4		20	Sft
D 5	2	x	1	x	3	1/2	x	1/2		4	Sft
D4	3	x	1	x	4	1/2	x	4		54	Sft
D5	3	x	1	x	3	1/2	x	1/2		5	Sft
D5	10	x	1	x	3	1/2	x	4		140	Sft
D6	4	x	1	x	3		x	1/2		6	Sft
D7	5	x	1	x	2	3/4	x	1/2		7	Sft

G) MASJID

D 5	3	x	1	x	5		x	4		60	Sft
D5	7	x	1	x	3		x	7		147	Sft
D6	18	x	1	x	2	1/2	x	7		315	Sft
D7	18	x	1	x	2	3/4	x	7		347	Sft
D7	21	x	1	x	2	3/4	x	7		404	Sft
								Total		**2935**	**Sft**
								Net Total		**30710**	**Sft**

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Description	No				L			B		Qty	Unit
Lav male	1	x	1	x	8		x	13 5/8		109	Sft
" " "	2	x	1	x	19 1/1/2		x	9 1/4		356	Sft
Toilets	2	x	1	x	5		x	6 3/4		68	Sft
" " "	2	x	1	x	5 1/2		x	6 1/2		72	Sft
" " "	2	x	1	x	5		x	6 1/2		65	Sft
" " "	2	x	1	x	8		x	6		96	Sft
Pantary	2	x	1	x	9		x	19 1/4		347	Sft
Bathes	7	x	1	x	5		x	6		210	Sft
" " "	3	x	1	x	6 3/8		x	8 5/8		165	Sft
" " "	4	x	1	x	3		x	4 1/4		51	Sft
" " "	2	x	1	x	6 3/8		x	4 1/4		54	Sft
" " "	4	x	1	x	10		x	7 3/4		310	Sft
" " "	2	x	1	x	8		x	5		80	Sft
" " "	2	x	1	x	5		x	4		40	Sft
" " "	1	x	1	x	7 1/2		x	5		38	Sft
" " "	2	x	1	x	10		x	5 1/4		105	Sft
" " "	1	x	1	x	8		x	5 1/4		42	Sft
" " "	1	x	1	x	8		x	7 1/4		58	Sft
" " "	1	x	1	x	8		x	8		64	Sft
" " "	3	x	1	x	5 1/4		x	5 1/2		87	Sft
Lav	1	x	1	x	8		x	16		128	Sft
D5	7	x	1	x	3		x	3/4		16	Sft
D6	18	x	1	x	2 1/2		x	3/4		34	Sft
D7	18	x	1	x	2 3/4		x	3/8		19	Sft
D7	21	x	1	x	2 3/4		x	3/8		22	Sft
								Total		34315	**Sft**

4 Providing and laying of Porceline full body tiles 600-mmx600-mm DWV series Polished or Equivalent, class SB skirting/dado of approved Color and Shade laid over 1/2"thick cement plaster 1:2 i/c white cement, pigment and sealer for finishing the joints i/c cutting grinding where necessary complete in all respects and as approved by the Engineer Incharge

A) OPERATION THEATER

Description	No				L			B		Qty	Unit
X-Ray Room	1	x	2	x(	13		+	18	)x	372	Sft
Operation theater	1	x	2	x(	20		+	18	)x	456	Sft
Scrub Room	1	x	2	x(	12		+	18	)x 1/2	30	Sft
Sterlization	1	x	2	x(	12		+	9 5/8	)x 1/2	22	Sft
Delevary	1	x	2	x(	13 5/8		+	18	)x	380	Sft
Labour Room	1	x	2	x(	16		+	13 5/8	)x	356	Sft
Doctor Room	2	x	2	x(	8		+	13 5/8	)x 1/2	43	Sft
Plaster Room	1	x	2	x(	10		+	13 5/8	)x 1/2	24	Sft
Labortary	1	x	2	x(	13 3/4		+	13 5/8	)x 1/2	27	Sft
Front Ver 7' wide	1	x	2	x(	88 3/4		+	7	)x	1149	Sft
Corridor 8' wide	1	x	2	x(	83 3/4		+	8	)x	1101	Sft
Passage	1	x	2	x(	35		+	9	)x	528	Sft
Stair-Hall	1	x	2	x(	10		+	15	)x	300	Sft

B) GROUND FLOOR PART-3

Description	No				L			B		Qty	Unit
18-bed ward	1	x	2	x(	35 5/8		+	46 3/4	)x	989	Sft
2-bed ward	2	x	2	x(	12		+	19 1/4	)x	750	Sft
Nurse Station	2	x	2	x(	11		+	12	)x	552	Sft
Medical Officer	2	x	2	x(	10		+	15 5/8	)x	615	Sft
Corridor 8' wide	2	x	2	x(	29		+	8	)x	888	Sft
Passage 11' wide	1	x	2	x(	11		+	34 7/8	)x	551	Sft
Front Ver 9' wide	1	x	2	x(	141 3/4		+	9	)x	1809	Sft
Passage to Ramp	1	x	2	x(	20		+	11	)x	372	Sft
Stair Hall	1	x	2	x(	10		+	15	)x	300	Sft

C) OUT DOOR PATIENT

Description	No				L			B		Qty	Unit
Tibb room	1	x	2	x(	12		+	14	)x 1/2	26	Sft
Exam	7	x	2	x(	5		+	7 5/8	)x 1/2	88	Sft
Homoepath room	1	x	2	x(	12		+	13 5/8	)x 1/2	26	Sft
Dispansary	2	x	2	x(	12		+	14	)x 1/2	52	Sft
Waiting	2	x	2	x(	15 1/4		+	14	)x	702	Sft
" " "	2	x	2	x(	15 1/4		+	13 5/8	)x	693	Sft
Dispansary	2	x	2	x(	12		+	13 5/8	)x	615	Sft
Admin Officer	1	x	2	x(	15 5/8		+	14	)x	356	Sft
Medical Store	1	x	2	x(	12 1/2		+	14	)x 1/2	27	Sft
Medical Superdent	1	x	2	x(	16		+	14	)x	360	Sft
General Store	1	x	2	x(	10		+	13 5/8	)x 1/2	24	Sft
Treatment Room	1	x	2	x(	8		+	13 5/8	)x 1/2	22	Sft
Dispansary	1	x	2	x(	14		+	13 5/8	)x 1/2	28	Sft
Emergancy	1	x	2	x(	16		+	13 5/8	)x 1/2	30	Sft
Speclist	1	x	2	x(	12		+	13 5/8	)x	308	Sft
Senier Medical office	1	x	2	x(	12		+	14	)x 1/2	26	Sft
Medical Officer	1	x	2	x(	12		+	14	)x	312	Sft
Treatment Room	1	x	2	x(	10		+	14	)x	288	Sft
Waiting	1	x	2	x(	13 3/4		+	14	)x	333	Sft
Gynicologist	1	x	2	x(	12		+	14	)x	312	Sft
World food	1	x	2	x(	10		+	14	)x	288	Sft
WmO	1	x	2	x(	15		+	14	)x	348	Sft
Front Ver 7' wide	1	x	2	x(	230		+	7	)x 1/2	237	Sft
Corridor 8' wide	1	x	2	x(	245		+	11	)x	3072	Sft
Waiting	1	x	2	x(	16		+	13 5/8	)x	356	Sft
Ent Hall	1	x	2	x(	23		+	15	)x	456	Sft
Side plate form	1	x	2	x(	8		+	4	)x	144	Sft
" " "	1	x	2	x(	8		+	6	)x	168	Sft
Passage	1	x	2	x(	17 3/4		x	9	)x	321	Sft
Ent plate form	1	x	2	x(	19		x	13	)x	384	Sft

D) GYNEE & PEDIATRIC WARDS

Description	No				L			B		Qty	Unit
Entr	2	x	2	x(	10		x	8	)x	432	Sft

Description	No				L			W			H		Qty	Unit
Corridor 8' wide	2	x	2	x(	35		x	8		)x	6		1032	Sft
Isolation	4	x	2	x(	10	12/22	x	10 1/4		)x	6		972	Sft
5-bed ward	4	x	2	x(	18		x	18		)x	6		1728	Sft
Ver 6' wide	4	x	2	x(	29		x	8		)x	6		1776	Sft
Nurse Station	2	x	2	x(	8		x	13		)x	6		504	Sft
Waiting	1	x	2	x(	14		x	15		)x	6		348	Sft
WMO	1	x	2	x(	10		x	11 1/4		)x	6		255	Sft
WMO/Dress	1	x	2	x(	4	1/4	x	4 3/4		)x	6		108	Sft
Doctor Room	1	x	2	x(	10		x	11 1/4		)x	6		255	Sft
Doctor/Dress	1	x	2	x(	4	1/4	x	4 3/4		)x	6		108	Sft
Icu ward	1	x	2	x(	12		x	16		)x	6		336	Sft
Anti & Recovery	3	x	2	x(	10		x	16		)x	6		936	Sft
Labour Room	1	x	2	x(	16		x	16		)x	6		384	Sft
Corridor 8' wide	1	x	2	x(	49		x	8		)x	6		684	Sft
Nurse Station	1	x	2	x(	8		+	10		)x	6		216	Sft
O.T	1	x	2	x(	18		+	16		)x	6		408	Sft
Delivery	1	x	2	x(	12		+	16		)x	6		336	Sft
Library/seminar	1	x	2	x(	26	3/4	+	16		)x	6		513	Sft

E) DAILYSIS UNIT

Description	No				L			W			H		Qty	Unit
Ver Ents	1	x	2	x(	18		+	11 3/4		)x	6		357	Sft
Ver/Room	1	x	2	x(	10	1/2	+	10 3/4		)x	6		255	Sft
Link passage	1	x	2	x(	22		+	8 1/2		)x	6		366	Sft
Corridor 8' wide	1	x	2	x(	8		+	26 1/2		)x	6		414	Sft
Room	1	x	2	x(	18		+	12 1/4		)x		1/2	30	Sft
" " "	2	x	2	x(	18		+	14		)x		1/2	64	Sft
" " "	2	x	2	x(	18		+	10		)x		1/2	56	Sft

F) LAUNDARY

Description	No				L			W			H		Qty	Unit
Laundary	1	x	2	x(	31		+	19 1/4		)x		1/2	50	Sft
Room	2	x	2	x(	8		+	10 3/4		)x		1/2	38	Sft

A) OPERATION THEATER

Description	No				L			W			H		Qty	Unit
Film Store	1	x	2	x(	8		+	8 5/8		)x		1/2	17	Sft
Dark Room	1	x	2	x(	8		+	9		)x		1/2	17	Sft
Nurse Station	1	x	2	x(	8		+	12 5/8		)x	6		248	Sft
Stores	1	x	2	x(	8		+	5		)x		1/2	13	Sft

B) GROUND FLOOR PART-3

Description	No				L			W			H		Qty	Unit
Stores	4	x	2	x(	5		+	12		)x		1/2	68	Sft
Linen Store	2	x	2	x(	5		+	6 3/8		)x		1/2	23	Sft

D) GYNEE & PEDIATRIC WARDS

Description	No				L			W			H		Qty	Unit
Utility Stores	2	x	2	x(	8		+	18		)x		1/2	52	Sft
Stores	1	x	2	x(	10		+	10		)x		1/2	20	Sft
Change Room	1	x	2	x(	8		+	10		)x		1/2	18	Sft
" " "	1	x	2	x(	8		+	5		)x		1/2	13	Sft

G) MASJID

Description	No				L			W			H		Qty	Unit
Hall	1	x	2	x(	20		+	30		)x	6		600	Sft
Lav Female	1	x	2	x(	7	5/8	+	13 5/8		)x	7		298	Sft
Lav male	1	x	2	x(	8		+	13 5/8		)x	7		303	Sft
" " "	2	x	2	x(	19	1/4	+	9 1/4		)x	7		798	Sft
Toilets	2	x	2	x(	5		+	6 3/4		)x	7		329	Sft
" " "	2	x	2	x(	5	1/2	+	6 1/2		)x	7		336	Sft
" " "	2	x	2	x(	5		+	6 1/2		)x	7		322	Sft
" " "	2	x	2	x(	8		+	6		)x	7		392	Sft
Pantary	2	x	2	x(	9		+	19 1/4		)x	7		791	Sft
Bathes	7	x	2	x(	5		+	6		)x	7		1078	Sft
" " "	3	x	2	x(	6	3/8	+	8 5/8		)x	7		630	Sft
" " "	4	x	2	x(	3		+	4 1/4		)x	7		406	Sft
" " "	2	x	2	x(	6	3/8	+	4 1/4		)x	7		298	Sft
" " "	4	x	2	x(	10		+	7 3/4		)x	7		994	Sft
" " "	2	x	2	x(	8		+	5		)x	7		364	Sft
" " "	2	x	2	x(	5		+	4		)x	7		252	Sft
" " "	1	x	2	x(	7	1/2	+	5		)x	7		175	Sft
" " "	2	x	2	x(	10		+	5 1/4		)x	7		427	Sft
" " "	1	x	2	x(	8		+	5 1/4		)x	7		186	Sft
" " "	1	x	2	x(	8		+	7 1/4		)x	7		214	Sft
" " "	1	x	2	x(	8		+	8		)x	7		224	Sft
" " "	3	x	2	x(	5	1/4	+	5 1/2		)x	7		452	Sft
Lav	1	x	2	x(	8		+	16		)x	7		336	Sft
											Total		**45662**	**Sft**

33645/

Deduction

A) GROUND FLOOR PART-2

Description	No				L			W		Qty	Unit
D 3 Outer ashwood	2	x	1	x	5		x	6		60	Sft
D 3 inner alumimium	2	x	1	x	5		x	6		60	Sft
D 4	6	x	1	x	4	1/2	x	6		162	Sft
D 5	3	x	1	x	3	1/2	x	6		63	Sft
D 6	4	x	1	x	3		x	6		72	Sft
D 8	3	x	1	x	3		x	6		54	Sft
D 9 x ray	1	x	1	x	4	1/2	x	6		27	Sft

B) GROUND FLOOR PART-3

Description	No				L			W		Qty	Unit
D 3 Outer ashwood	2	x	1	x	5		x	6		60	Sft
D 4 A	3	x	1	x	4	1/2	x	6		81	Sft
D 5	3	x	1	x	3	1/2	x	6		63	Sft

C) OUT DOOR PATIENT

Description	No				L			W		Qty	Unit
D 1 Outer ashwood	3	x	1	x	5		x	6		90	Sft
D 2 A	3	x	1	x	5		x	6		90	Sft
D 5	23	x	1	x	3	1/2	x	6		483	Sft

D) GYNEE & PEDIATRIC WARDS

Description	No				L			W		Qty	Unit
D 1 Outer ashwood	4	x	1	x	5		x	6		120	Sft
D 2 inner alumimium	4	x	1	x	5		x	6		120	Sft

		No				L				B		Qty	Unit
	D 5	17	x	1	x	3 1/2 13/22	x	6				357	Sft
E) DAILYSIS UNIT													
D 2 Outer ashwood		2	x	1	x	6	x	6				72	Sft
D 5		5	x	1	x	3 1/2	x	6				105	Sft
E) LAUNDARY													
D 2 Outer ashwood		1	x	1	x	5	x	6				30	Sft
D 5		2	x	1	x	3 1/2	x	1/2				4	Sft
	D4	3	x	1	x	4 1/2	x	6				81	Sft
	D5	3	x	1	x	3 1/2	x	1/2				5	Sft
	D5	10	x	1	x	3 1/2	x	6				210	Sft
	D6	4	x	1	x	3	x	1/2				6	Sft
	D7	5	x	1	x	2 3/4	x	1/2				7	Sft
G) MASJID													
D 5		3	x	1	x	5	x	6				90	Sft
	D5	7	x	1	x	3	x	7				147	Sft
	D6	18	x	1	x	2 1/2	x	7				315	Sft
	D7	18	x	1	x	2 3/4	x	7				347	Sft
	D7	21	x	1	x	2 3/4	x	7				404	Sft
									Total	2935 3785			Sft
									Net Total	41877		Sft 30710 Sft	

5. Providing and laying of Non-Skid Chequred tiles of approved Color and Shade laid over 3/4"thick cement plaster 1:2 i/c white cement, pigment and sealer for finishing the joints i/c cutting grinding where necessary complete in all respects and as approved by the Engineer Incharge

		No				L			B	Qty	Unit
Ramp		3	x	1	x	18	x	6		324	Sft
" " "		1	x	1	x	14	x	6		84	Sft
" " "		2	x	1	x	15	x	8		240	Sft
" " "		1	x	1	x	7	x	5		35	Sft
Porch OPD		1	x	1	x	40	x	25		1000	Sft
" " "		1	x	2	x	10	x	1 1/8		23	Sft
Ramp Skirting		1	x	1	x	14	x	1/2		7	Sft
									Total	1713	Sft

6. Providing and fixing all types of glazed aluminium windows of anodized bronze colour partly fixed and party sliding using deluxe section of M/s. Al-Cop or Pakistan Cables having Frame of size 100mm x 20mm and leaf frame sections of 50mm x 20mm, all of 1.6mm thickness i/c 5mm thick imported tinted glass with rubber gasket using approved standard latches, hardware etc., as approved by theengineer incharge.(1.6 mm thick).

	No				L				Qty	Unit
W 1	4	x	1	x	3	x	8	1/2	102	Sft
W 1	2	x	1	x	3	x	8	1/2	51	Sft
W 2	10	x	1	x	4	x	5	1/2	220	Sft
W 2	18	x	1	x	4	x	5	1/2	396	Sft
W 2	26	x	1	x	4	x	5	1/2	572	Sft
W 2	8	x	1	x	4	x	5	1/2	176	Sft
W 3	2	x	1	x	10	x	5	2/3	113	Sft
W 4	9	x	1	x	6	x	5	1/2	297	Sft
W 4	24	x	1	x	6	x	5	1/2	792	Sft
W 4	5	x	1	x	6	x	5	1/2	165	Sft
W 4	4	x	1	x	6	x	5	1/2	132	Sft
W 5	5	x	1	x	4	x	5	1/2	110	Sft
W 5	2	x	1	x	4	x	5	1/2	44	Sft
W 7	4	x	1	x	4	x	5		80	Sft
HW-1	7	x	1	x	4	x	3		84	Sft
HW-1	12	x	1	x	4	x	3		144	Sft
HW-1	8	x	1	x	4	x	3		96	Sft
HW-1	9	x	1	x	4	x	3		108	Sft
HW-1	2	x	1	x	4	x	3		24	Sft
HW-2	3	x	1	x	2	x	2		12	Sft
HW-2	2	x	1	x	2	x	2		8	Sft
HW-2	4	x	1	x	2	x	2		16	Sft
HW-2	4	x	1	x	2	x	2		16	Sft
CW-1	2	x	1	x	2	x	2		8	Sft
CW-2	2	x	1	x	1 1/2	x	1	3/4	5	Sft
							Total		3,771	Sft

7. Providing and fixing Aluminum Fly screen comprising of Fiber/Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer brownze Colour/powder coated of size 1-1/2" x1/2" and 1.6 mm thick with rubber gasket i/c cost of Hard ware s as approved and directed by the engineer in charge. complete in all .respect.

	No				L				Qty	Unit
W 1	4	x	1	x	3	x	8	1/2	102	Sft
W 1	2	x	1	x	3	x	8	1/2	51	Sft
W 2	10	x	1	x	4	x	5	1/2	220	Sft
W 2	18	x	1	x	4	x	5	1/2	396	Sft
W 2	26	x	1	x	4	x	5	1/2	572	Sft
W 2	8	x	1	x	4	x	5	1/2	176	Sft
W 3	2	x	1	x	10	x	5	2/3	113	Sft
W 4	9	x	1	x	6	x	5	1/2	297	Sft
W 4	24	x	1	x	6	x	5	1/2	792	Sft
W 4	5	x	1	x	6	x	5	1/2	165	Sft
W 4	4	x	1	x	6	x	5	1/2	132	Sft
W 5	5	x	1	x	4	x	5	1/2	110	Sft
W 5	2	x	1	x	4	x	5	1/2	44	Sft
W 7	4	x	1	x	4	x	5		80	Sft
HW-1	7	x	1	x	4	x	3		84	Sft
HW-1	12	x	1	x	4	x	3		144	Sft
HW-1	8	x	1	x	4	x	3		96	Sft
HW-1	9	x	1	x	4	x	3		108	Sft
HW-1	2	x	1	x	4	x	3		24	Sft
HW-2	3	x	1	x	2	x	2		12	Sft
HW-2	2	x	1	x	2	x	2		8	Sft

HW-2	4	x	1	x	2	x	2	16	Sft
HW-2	4	x	1	x	2 14/22	x	2	16	Sft
CW-1	2	x	1	x	2	x	2	8	Sft
CW-2	2	x	1	x	1 1/2	x	1 3/4	5	Sft
							Total	**3,771**	**Sft**
Take 50% As item	3,771	x		0.5			**Total**	**1,886**	**Sft**

8 Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge.(ii) 1/2" Squar Bars

W 1	4	x	1	x	3	x	8 1/2	102	Sft
W 1	2	x	1	x	3	x	8 1/2	51	Sft
W 2	10	x	1	x	4	x	5 1/2	220	Sft
W 2	18	x	1	x	4	x	5 1/2	396	Sft
W 2	26	x	1	x	4	x	5 1/2	572	Sft
W 2	8	x	1	x	4	x	5 1/2	176	Sft
W 3	2	x	1	x	10	x	5 2/3	113	Sft
W 4	9	x	1	x	6	x	5 1/2	297	Sft
W 4	24	x	1	x	6	x	5 1/2	792	Sft
W 4	5	x	1	x	6	x	5 1/2	165	Sft
W 4	4	x	1	x	6	x	5 1/2	132	Sft
W 5	5	x	1	x	4	x	5 1/2	110	Sft
W 5	2	x	1	x	4	x	5 1/2	44	Sft
W 7	4	x	1	x	4	x	5	80	Sft
HW-1	7	x	1	x	4	x	3	84	Sft
HW-1	12	x	1	x	4	x	3	144	Sft
HW-1	8	x	1	x	4	x	3	96	Sft
HW-1	9	x	1	x	4	x	3	108	Sft
HW-1	2	x	1	x	4	x	3	24	Sft
HW-2	3	x	1	x	2	x	2	12	Sft
HW-2	2	x	1	x	2	x	2	8	Sft
HW-2	4	x	1	x	2	x	2	16	Sft
HW-2	4	x	1	x	2	x	2	16	Sft
CW-1	2	x	1	x	2	x	2	8	Sft
CW-2	2	x	1	x	1 1/2	x	1 3/4	5	Sft
							Total	**3,771**	**Sft**

9 Providing and fixing 2" wide MS/ GI Chowkat singel/double rebate made of 16 SWG MS sheet pressed/welded / supported with M.S. flat 1- 1/4"x1/8" **(i) 15 " wide**

D 3 inner alumimium	2	x	1	x	5	x	8 1/2	85	Sft
D 4 A	6	x	1	x	4 1/2	x	8 1/2	230	Sft
D 4 A	3	x	1	x	4 1/2	x	8 1/2	115	Sft
D 5	3	x	1	x	3 1/2	x	8 1/2	89	Sft
D 5	3	x	1	x	3 1/2	x	8 1/2	89	Sft
D 5	23	x	1	x	3 1/2	x	8 1/2	684	Sft
D 5	27	x	1	x	3 1/2	x	8 1/2	803	Sft
D 5	5	x	1	x	3 1/2	x	7	123	Sft
D 5	2	x	1	x	3 1/2	x	7	49	Sft
D 6	4	x	1	x	3	x	7	84	Sft
D 6	11	x	1	x	3	x	7	231	Sft
D 6	5	x	1	x	3	x	7	105	Sft
D 8	3	x	1	x	3	x	7	63	Sft
D 9 x ray	1	x	1	x	4 1/2	x	8 1/2	38	Sft
DW-2 Outer	5	x	1	x	5	x	8 1/2	~~170~~ 381	Sft
DW-2 Outer	2	x	1	x	8	x	8 1/2	~~43~~ 136	Sft
DW-2 Outer	2	x	1	x	8 3/4	x	8 1/2	~~128~~ 128	Sft
DW-2 Outer	1	x	1	x	6	x	8 1/2	~~102~~ 23	Sft
							Total	**~~3,231~~ 3860**	**Sft**

10 P/F1-1/2" thick solid flush door comprising of 2.5 mm thick Deodar /Ash /Oak ply with grooves, compressed over 2.5 mm thick commercial ply over 1" thick packing woodin style and rails under proper pressure i/c the cost of nails, tower bolt, handles, glue, sawing charges and lacquar polishing to show the grains of ply properly, sand papering and 3/8" thick matching wooden lipping as approved and directed by theEngineer Incharge.

D 3 inner	2	x	1	x	5	x	8 1/2	85	Sft
D 4 A	6	x	1	x	4 1/2	x	8 1/2	230	Sft
D 4 A	3	x	1	x	4 1/2	x	8 1/2	115	Sft
D 5	3	x	1	x	3 1/2	x	8 1/2	89	Sft
D 5	3	x	1	x	3 1/2	x	8 1/2	89	Sft
D 5	23	x	1	x	3 1/2	x	8 1/2	684	Sft
D 5	27	x	1	x	3 1/2	x	8 1/2	803	Sft
D 5	5	x	1	x	3 1/2	x	7	123	Sft
D 5	2	x	1	x	3 1/2	x	7	49	Sft
D 6	4	x	1	x	3	x	7	84	Sft
D 6	11	x	1	x	3	x	7	231	Sft
D 6	5	x	1	x	3	x	7	105	Sft
D 8	3	x	1	x	3	x	7	63	Sft
D 9 x ray	1	x	1	x	4 1/2	x	8 1/2	38	Sft
							Total	**2,788**	**Sft**

11 Providing and fixing Upvc Doors best quality comlete in all respect as approved by Engineer Incharge

D 7	58	x	1	x	2 3/4	x	7	1117	Sft
D 6	2	x	1	x	3	x	7	42	Sft
							Total	**1,159**	**Sft**

12. 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.

DW-2 Outer	5	x	1	x	9	x		8	1/2	383	Sft
DW-2 Outer	2	x	1	x	8	x		8	1/2	136	Sft
DW-2 Outer	2	x	1	x	7 1/2	x		8	1/2	128	Sft
DW-2 Outer	6	x	1	x	5	x		8	1/2	255	Sft
D 9 x ray	1	x	1	x	4 1/2	x		8	1/2	38	Sft
DW-2 Outer	4	x	1	x	5	x		8	1/2	170	Sft
DW-2 Outer	1	x	1	x	5	x		8	1/2	43	Sft
DW-2 Outer	3	x	1	x	5	x		8	1/2	128	Sft
DW-2 Outer	2	x	1	x	6	x		8	1/2	102	Sft
								Total		**1,983**	Sft

13. Preparing surface and painting of doors and windows any type (including edges):- 03-Coats on New Surface:-

D 3 inner	2	x	2	x	5	x	8	1/2	170	Sft
D 4 A	6	x	2	x	4 1/2	x	8	1/2	459	Sft
D 4 A	3	x	2	x	4 1/2	x	8	1/2	230	Sft
D 5	3	x	2	x	3 1/2	x	8	1/2	179	Sft
D 5	3	x	2	x	3 1/2	x	8	1/2	179	Sft
D 5	23	x	2	x	3 1/2	x	8	1/2	1369	Sft
D 5	27	x	2	x	3 1/2	x	8	1/2	1607	Sft
D 5	5	x	2	x	3 1/2	x	7		245	Sft
D 5	2	x	2	x	3 1/2	x	7		98	Sft
D 6	4	x	2	x	3	x	7		168	Sft
D 6	11	x	2	x	3	x	7		462	Sft
D 6	5	x	2	x	3	x	7		210	Sft
D 8	3	x	2	x	3	x	7		126	Sft
D 9 x ray	1	x	2	x	4 1/2	x	8	1/2	77	Sft
							Total		**5,579**	Sft

14. Preparing surface and painting of doors and windows any type (including edges):- 02-Coats on Old Surface:-

DW-2 Outer	4	x	2	x	5	x	8	1/2	340	Sft
DW-2 Outer	1	x	2	x	5	x	8	1/2	85	Sft
DW-2 Outer	3	x	2	x	5	x	8	1/2	255	Sft
DW-2 Outer	2	x	2	x	6	x	8	1/2	204	Sft
							Total		**884**	Sft

15. Preparing surface and Lacquar polish to reveal wooden grains by application of multiple coats of wood sealer, sand papering with different no of sand paper sand Lacquar to make glossy surface finish i/c the cost of cotton, thinner, wood sealer complete in all respects as approved and directed by the Engineer Incharge.(ii) Glossy Finish

DW-2 Outer	2	x	1	x	8	x	8	1/2	136	Sft
							Total		**136**	Sft

16. Providing and laying 3/4" thick Prepolished Marble slab China Verona Crystel having uniform texture full width spotless for stair tread / shelves area above 4-Sft i/c bevelling laid in white cement pigment over over 3/4" thick bedding of cement sand mortar 1:2 complete in all respects as approved by the Engineer Incharge.

A) **GROUND FLOOR PART-2**

Nursing Counter	1	x	1	x	8	x	2	16	Sft
Main Entrance	1	x	1	x	30	x	20	600	Sft
" " "	1	x	2	x	15	x	12	360	Sft
Sterlization	1	x	1	x	10	x	2	20	Sft
Laboratory	1	x	2	x	14	x	2	56	Sft
Scrub up	1	x	2	x	4	x	2	16	Sft
Waiting	1	x	2	x	10	x	2	40	Sft
Stair Steps	1	x	25	x	4 1/2	x	1 1/8	127	Sft
Landing	1	x	1	x	20	x	8	160	Sft
Ent Steps	2	x	1	x	4 1/2	x	4 1/2	41	Sft
Stair Steps plate	4	x	1	x	20	x	1 1/8	90	Sft

B) **GROUND FLOOR PART-3**

Nursing & waiting	3	x	1	x	8	x	2	48	Sft
pantary & linen	3	x	1	x	10	x	2	60	Sft
Stair Steps	1	x	25	x	4 1/2	x	1 1/8	127	Sft
Landing	2	x	1	x	4 1/2	x	4 1/2	41	Sft
Ent Stair side	1	x	1	x	11 3/4	x	8	94	Sft
" " "	4	x	1	x	11 3/4	x	1 1/8	53	Sft

C) **OUT DOOR PATIENT**

Side plate form	1	x	6	x	4	x	1	24	Sft
" " "	1	x	3	x	8	x	1	24	Sft
Entr plate form	1	x	3	x	45	x	1	135	Sft
Dispansary	3	x	2	x	22	x	2	264	Sft
World food	1	x	2	x	14	x	2	56	Sft
Waiting	4	x	2	x	14	x	2	224	Sft

D) **GYNEE & PEDIATRIC WARDS**

Nursing	3	x	1	x	15	x	2	90	Sft
Ent Stair side	2	x	4	x	10	x	1	80	Sft
" " "	4	x	1	x	12	x	1	48	Sft
Waiting	1	x	2	x	16	x	2	64	Sft

E) **DAILYSIS UNIT**

Nursing Counter	1	x	1	x	8	x	2	16	Sft
							Total	**2974**	**Sft**

17 Providing and laying Prepolished Marble China Verona Crystal uniform texture for Skirting size 24"x6"x3/8" i/c bevelling of top edge of approved quality and shade laid in white cement and bagri laid over 3/4" thick cement sand mortor 1:2 complete in all respects as approved by the Engineer Incharge.

A) GROUND FLOOR PART-2

Description	No								Qty	Unit
Nursing Counter	1	x	1	x	8	x	2		16	Sft
Sterlization	1	x	2	x	10	x	4/7		12	Sft
Scrub up	1	x	2	x	4	x	3		24	Sft
Waiting	1	x	2	x	10	x	3		60	Sft
Stair Steps	1	x	25	x	2	x	4/7		29	Sft
Landing	2	x	1	x	4 1/2	x	4/7		5	Sft
Ent Steps	1	x	1	x	36	x	4/7		21	Sft
Stair Steps plate	4	x	1	x	20	x	4/7		46	Sft

B) GROUND FLOOR PART-3

Description	No							Qty	Unit
Nursing & waiting	3	x	1	x	8	x	2	48	Sft
Stair Steps	1	x	25	x	4 1/2	x	4/7	65	Sft
Landing	2	x	1	x	4 1/2	x	4/7	5	Sft
Ent Stair side	1	x	1	x	19 3/4	x	4/7	11	Sft
" " "	4	x	1	x	11 3/4	x	4/7	27	Sft

C) OUT DOOR PATIENT

Description	No							Qty	Unit
Side plate form	1	x	6	x	4	x	4/7	14	Sft
" " "	1	x	3	x	8	x	4/7	14	Sft
Entr plate form	1	x	3	x	45	x	4/7	78	Sft
Dispansary	3	x	2	x	22	x	4/7	77	Sft
World food	1	x	2	x	14	x	4/7	16	Sft
Waiting	4	x	2	x	14	x	4/7	65	Sft

D) GYNEE & PEDIATRIC WARDS

Description	No							Qty	Unit
Nursing	3	x	1	x	15	x	4/7	26	Sft
Ent Stair side	2	x	4	x	10	x	4/7	46	Sft
" " "	3	x	1	x	12	x	4/7	21	Sft
Waiting	1	x	2	x	16	x	4/7	19	Sft

E) DAILYSIS UNIT

Description	No							Qty	Unit
Nursing Counter	1	x	1	x	8	x	4/7	5	Sft
						Total		**750**	**Sft**

18 1½"(40 mm) thick mosaic flooring, consisting of ½ "(13 mm) mosaic topping of one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips, laid over 1"(25 mm) thick floor of 1:2:4 cement concrete, including rubbing and polishing complete with finishing :-(a) using grey cement

Description	No							Qty	Unit
walkway	1	x	1	x	60	x	12	720	Sft
passage	1	x	1	x	30	x	8	240	Sft
						Total		**960**	Sft

19 Distempring 02-Coats on Old Surface i/c Scraping

A) OPERATION THEATER

Description	No							Qty	Unit
X-Ray Room	1	x	1	x	13	x	18	234	Sft
Operation theater	1	x	1	x	20	x	18	360	Sft
Scrub Room	1	x	1	x	12	x	18	216	Sft
Sterlization	1	x	1	x	12	x	9 5/8	116	Sft
Delevary	1	x	1	x	13 5/8	x	18	245	Sft
Labour Room	1	x	1	x	16	x	13 5/8	218	Sft
Doctor Room	1	x	2	x	8	x	13 5/8	218	Sft
Plaster Room	1	x	1	x	10	x	13 5/8	136	Sft
Labortary	1	x	1	x	13 3/4	x	13 5/8	187	Sft
Front Ver 7' wide	1	x	1	x	88 3/4	x	7	621	Sft
Corridor 8' wide	1	x	1	x	83 3/4	x	8	670	Sft
Passage	1	x	1	x	35	x	9	315	Sft
Stair Hall	1	x	1	x	10	x	15	150	Sft

B) GROUND FLOOR PART-3

Description	No							Qty	Unit
18-bed ward	2	x	1	x	35 5/8	x	46 3/4	3331	Sft
2-bed ward	2	x	1	x	12	x	19 1/4	462	Sft
Nurse Station	2	x	1	x	11	x	12	264	Sft
Medical Officer	2	x	1	x	10	x	15 5/8	313	Sft
Corridor 8' wide	2	x	1	x	29	x	8	464	Sft
Passage 11' wide	1	x	1	x	11	x	34 7/8	384	Sft
Front Ver 9' wide	1	x	1	x	141 3/4	x	9	1276	Sft
Passage to Ramp	1	x	1	x	20	x	11	220	Sft
Stair Hall	1	x	1	x	10	x	15	150	Sft

C) OUT DOOR PATIENT

Description	No							Qty	Unit
Tibb room	1	x	1	x	12	x	14	168	Sft
Exam	7	x	1	x	5	x	7 5/8	267	Sft
Homoepath room	1	x	1	x	12	x	13 5/8	164	Sft
Dispansary	2	x	1	x	12	x	14	336	Sft
Waiting	2	x	1	x	15 1/4	x	14	427	Sft
" " "	2	x	1	x	15 1/4	x	13 5/8	416	Sft
Dispansary	2	x	1	x	12	x	13 5/8	327	Sft
Admin Officer	1	x	1	x	15 5/8	x	14	219	Sft
Medical Store	1	x	1	x	12 1/2	x	14	175	Sft
Medical Superdent	1	x	1	x	16	x	14	224	Sft
General Store	1	x	1	x	10	x	13 5/8	136	Sft
Treatment Room	1	x	1	x	8	x	13 5/8	109	Sft
Dispansary	1	x	1	x	14	x	13 5/8	191	Sft
Emergancy	1	x	1	x	16	x	13 5/8	218	Sft
Speclist	1	x	1	x	12	x	13 5/8	164	Sft
Senier Medical office	1	x	1	x	12	x	14	168	Sft
Medical Officer	1	x	1	x	12	x	14	168	Sft
Treatment Room	1	x	1	x	10	x	14	140	Sft
Waiting	1	x	1	x	13 3/4	x	14	193	Sft
Gynicologist	1	x	1	x	12	x	14	168	Sft

Description									Area	Unit
World food	1	x	1	x	10		x	14	140	Sft
WmO	1	x	1	x	15	17/22	x	14	210	Sft
Front Ver 7' wide	1	x	1	x	230		x	7	1610	Sft
Corridor 8' wide	1	x	1	x	245		x	11	2695	Sft
Waiting	1	x	1	x	16		x	13 5/8	218	Sft
Ent Hall	1	x	1	x	23		x	15	345	Sft
Side plate form	1	x	1	x	8		x	4	32	Sft
" " "	1	x	1	x	8		x	6	48	Sft
Passage	1	x	1	x	17	3/4	x	9	160	Sft
Ent plate form	1	x	1	x	19		x	13	247	Sft

D) GYNEE & PEDIATRIC WARDS

Description									Area	Unit
Entr	2	x	1	x	10		x	8	160	Sft
Corridor 8' wide	2	x	1	x	35		x	8	560	Sft
Isolation	2	x	2	x	10		x	10 1/4	410	Sft
5-bed ward	2	x	2	x	18		x	18	1296	Sft
Ver 6' wide	2	x	2	x	29		x	8	928	Sft
Nurse Station	2	x	1	x	8		x	13	208	Sft
Waiting	1	x	1	x	14		x	15	210	Sft
WMO	1	x	1	x	10		x	11 1/4	113	Sft
WMO/Dress	1	x	1	x	4	1/4	x	4 3/4	20	Sft
Doctor Room	1	x	1	x	10		x	11 1/4	113	Sft
Doctor/Dress	1	x	1	x	4	1/4	x	4 3/4	20	Sft
Icu ward	1	x	1	x	12		x	16	192	Sft
Anti & Recovery	3	x	1	x	10		x	16	480	Sft
Labour Room	1	x	1	x	16		x	16	256	Sft
Corridor 8' wide	1	x	1	x	49		x	8	392	Sft
Nurse Station	1	x	1	x	8		x	10	80	Sft
O.T	1	x	1	x	18		x	16	288	Sft
Delivery	1	x	1	x	12		x	16	192	Sft

E) DAILYSIS UNIT

Description									Area	Unit
Ver Ents	1	x	1	x	18		x	11 3/4	212	Sft
Ver/Room	1	x	1	x	10	1/2	x	10 3/4	113	Sft
Link passage	1	x	1	x	22		x	8 1/2	187	Sft
Corridor 8' wide	1	x	1	x	8		x	26 1/2	212	Sft
Room	1	x	1	x	18		x	12 1/4	221	Sft
" " "	2	x	1	x	18		x	14	504	Sft
" " "	2	x	1	x	18		x	10	360	Sft

F) LAUNDARY

Description									Area	Unit
Laundary	1	x	1	x	31		x	19 1/4	597	Sft
Room	2	x	1	x	8		x	10 3/4	172	Sft
Ent	1	x	1	x	5		x	15	75	Sft

G) MASJID

Description									Area	Unit
Hall	1	x	1	x	20		x	30	600	Sft

A) GROUND FLOOR PART-2

Description									Area	Unit
D 3 Outer ashwood	2	x	1	x	5		x	1 1/8	11	Sft
D 3 inner alumimium	2	x	1	x	5		x	1 1/8	11	Sft
D 4	6	x	1	x	4	1/2	x	1 1/8	30	Sft
D 5	3	x	1	x	3	1/2	x	1 1/8	12	Sft
D 6	4	x	1	x	3		x	1 1/8	14	Sft
D 8	3	x	1	x	3		x	3/4	7	Sft
D 9 x ray	1	x	1	x	4	1/2	x	3/4	3	Sft

B) GROUND FLOOR PART-3

Description									Area	Unit
D 3 Outer ashwood	2	x	1	x	5		x	1 1/8	11	Sft
D 4 A	3	x	1	x	4	1/2	x	1 1/8	15	Sft
D 5	3	x	1	x	3	1/2	x	1 1/8	12	Sft

C) OUT DOOR PATIENT

Description									Area	Unit
D 1 Outer ashwood	3	x	1	x	5		x	1 1/8	17	Sft
D 2 A	3	x	1	x	5		x	1 1/8	17	Sft
D 5	23	x	1	x	3	1/2	x	1 1/8	91	Sft

D) GYNEE & PEDIATRIC WARDS

Description									Area	Unit
D 1 Outer ashwood	4	x	1	x	5		x	1 1/8	23	Sft
D 2 inner alumimium	4	x	1	x	5		x	1 1/8	23	Sft
D 5	17	x	1	x	3	1/2	x	1 1/8	67	Sft

E) DAILYSIS UNIT

Description									Area	Unit
D 2 Outer ashwood	2	x	1	x	6		x	3/4	9	Sft
D 5	5	x	1	x	3	1/2	x	3/4	13	Sft

E) LAUNDARY

Description									Area	Unit
D 2 Outer ashwood	1	x	1	x	5		x	3/4	4	Sft
D 5	2	x	1	x	3	1/2	x	3/4	5	Sft

G) MASJID

Description									Area	Unit
D 5	3	x	1	x	5		x	1 1/8	17	Sft

A) GROUND FLOOR PART-2

Description									Area	Unit
Film Store	1	x	1	x	8		x	8 5/8	69	Sft
Dark Room	1	x	1	x	8		x	9	72	Sft
Nurse Station	1	x	1	x	8		x	12 5/8	101	Sft
Stores	1	x	1	x	8		x	5	40	Sft

B) GROUND FLOOR PART-3

Description									Area	Unit
Stores	4	x	1	x	5		x	12	240	Sft
Linen Store	2	x	1	x	5	5/8	x	6 1/2	73	Sft

D) GYNEE & PEDIATRIC WARDS

Description									Area	Unit
Utility Stores	2	x	1	x	8		x	18	288	Sft
Stores	1	x	1	x	10		x	10	100	Sft
Change Room	1	x	1	x	8		x	10	80	Sft
" " "	1	x	1	x	8		x	5	40	Sft
Lav Female	1	x	1	x	7	5/8	x	13 5/8	104	Sft
Lav male	1	x	1	x	8		x	13 5/8	109	Sft
" " "	2	x	1	x	19	1/4	x	9 1/4	356	Sft

Item	No		1		a		b		Area	Unit
Toilets	2	x	1	x	5	x	6 3/4		68	Sft
" " "	2	x	1	x	5 1/8/22	x	6 1/2		72	Sft
" " "	2	x	1	x	5	x	6 1/2		65	Sft
" " "	2	x	1	x	8	x	6		96	Sft
Pantary	2	x	1	x	9	x	19 1/4		347	Sft
Bathes	7	x	1	x	5	x	6		210	Sft
" " "	3	x	1	x	6 3/8	x	8 5/8		165	Sft
" " "	4	x	1	x	3	x	4 1/4		51	Sft
" " "	2	x	1	x	6 3/8	x	4 1/4		54	Sft
" " "	4	x	1	x	10	x	7 3/4		310	Sft
" " "	2	x	1	x	8	x	5		80	Sft
" " "	2	x	1	x	5	x	4		40	Sft
" " "	1	x	1	x	7 1/2	x	5		38	Sft
" " "	2	x	1	x	10	x	5 1/4		105	Sft
" " "	1	x	1	x	8	x	5 1/4		42	Sft
" " "	1	x	1	x	8	x	7 1/4		58	Sft
" " "	1	x	1	x	8	x	8		64	Sft
" " "	3	x	1	x	5 1/4	x	5 1/2		87	Sft
Lav	1	x	1	x	8	x	16		128	Sft
								Total	**33968**	**Sft**

20 Painting Emulsion paint 2-Coats Old Surface i/c Scraping

A) GROUND FLOOR PART-2

Item	No		2	x(	a	+	b	)x	h	Area	Unit
X-Ray Room	1	x	2	x(	13	+	18	)x	5	310	Sft
Operation theater	1	x	2	x(	20	+	18	)x	5	380	Sft
Scrub Room	1	x	2	x(	12	+	18	)x	5	300	Sft
Sterlization	1	x	2	x(	12	+	9 5/8	)x	5	216	Sft
Delevary	1	x	2	x(	13 5/8	+	18	)x	5	316	Sft
Labour Room	1	x	2	x(	16	+	13 5/8	)x	5	296	Sft
Doctor Room	2	x	2	x(	8	+	13 5/8	)x	7	606	Sft
Plaster Room	1	x	2	x(	10	+	13 5/8	)x	7	331	Sft
Labortary	1	x	2	x(	13 3/4	+	13 5/8	)x	7	383	Sft
Front Ver 7' wide	1	x	2	x(	88 3/4	+	7	)x	7	1341	Sft
Corridor 8' wide	1	x	2	x(	83 3/4	+	8	)x	7	1285	Sft
Passage	1	x	2	x(	35	+	9	)x	7	616	Sft
Stair Hall	1	x	2	x(	10	+	15	)x	7	350	Sft

B) GROUND FLOOR PART-3

Item	No		2	x(	a	+	b	)x	h	Area	Unit
18-bed ward	2	x	2	x(	35 5/8	+	46 3/4	)x	5	1648	Sft
2-bed ward	2	x	2	x(	12	+	19 1/4	)x	5	625	Sft
Nurse Station	2	x	2	x(	11	+	12	)x	7	644	Sft
Medical Officer	2	x	2	x(	10	+	15 5/8	)x	7	718	Sft
Corridor 8' wide	2	x	2	x(	29	+	8	)x	7	1036	Sft
Passage 11' wide	1	x	2	x(	11	+	34 7/8	)x	7	642	Sft
Front Ver 9' wide	1	x	2	x(	141 3/4	+	9	)x	7	2111	Sft
Passage to Ramp	1	x	2	x(	20	+	11	)x	7	434	Sft
Stair Hall	1	x	2	x(	10	+	15	)x	7	350	Sft

C) OUT DOOR PATIENT

Item	No		2	x(	a	+/x	b	)x	h	Area	Unit
Tibb room	1	x	2	x(	12	+	14	)x	10 1/2	546	Sft
Exam	7	x	2	x(	5	+	7 5/8	)x	10 1/2	1856	Sft
Homoepath room	1	x	2	x(	12	+	13 5/8	)x	10 1/2	538	Sft
Dispansary	2	x	2	x(	12	+	14	)x	10 1/2	1092	Sft
Waiting	2	x	2	x(	15 1/4	+	14	)x	7	819	Sft
" " "	2	x	2	x(	15 1/4	+	13 5/8	)x	7	809	Sft
Dispansary	2	x	2	x(	12	+	13 5/8	)x	7	718	Sft
Admin Officer	1	x	2	x(	15 5/8	+	14	)x	7	415	Sft
Medical Store	1	x	2	x(	12 1/2	+	14	)x	10 1/2	557	Sft
Medical Superdent	1	x	2	x(	16	+	14	)x	7	420	Sft
General Store	1	x	2	x(	10	+	13 5/8	)x	10 1/2	496	Sft
Treatment Room	1	x	2	x(	8	+	13 5/8	)x	7	303	Sft
Dispansary	1	x	2	x(	14	+	13 5/8	)x	7	387	Sft
Emergancy	1	x	2	x(	16	+	13 5/8	)x	7	415	Sft
Speclist	1	x	2	x(	12	+	13 5/8	)x	7	359	Sft
Senier Medical office	1	x	2	x(	12	+	14	)x	10 1/2	546	Sft
Medical Officer	1	x	2	x(	12	+	14	)x	7	364	Sft
Treatment Room	1	x	2	x(	10	+	14	)x	7	336	Sft
Waiting	1	x	2	x(	13 3/4	+	14	)x	7	389	Sft
Gynicologist	1	x	2	x(	12	+	14	)x	7	364	Sft
World food	1	x	2	x(	10	+	14	)x	7	336	Sft
WmO	1	x	2	x(	15	+	14	)x	7	406	Sft
Front Ver 7' wide	1	x	2	x(	230	+	7	)x	7	3318	Sft
Corridor 8' wide	1	x	2	x(	245	+	11	)x	7	3584	Sft
Waiting	1	x	2	x(	16	+	13 5/8	)x	7	415	Sft
Ent Hall	1	x	2	x(	23	+	15	)x	7	532	Sft
Side plate form	1	x	2	x(	8	+	4	)x	7	168	Sft
" " "	1	x	2	x(	8	+	6	)x	7	196	Sft
Passage	1	x	2	x(	17 3/4	x	9	)x	7	375	Sft
Ent plate form	1	x	2	x(	19	x	13	)x	7	448	Sft

D) GYNEE & PEDIATRIC WARDS

Item	No		2	x(	a	x	b	)x	h	Area	Unit
Entr	2	x	2	x(	10	x	8	)x	7	504	Sft
Corridor 8' wide	2	x	2	x(	35	x	8	)x	7	1204	Sft
Isolation	4	x	2	x(	10	x	10 1/4	)x	7	1134	Sft
5-bed ward	4	x	2	x(	18	x	18	)x	7	2016	Sft
Ver 6' wide	4	x	2	x(	29	x	8	)x	10 1/2	3108	Sft
Nurse Station	2	x	2	x(	8	x	13	)x	7	588	Sft
Waiting	1	x	2	x(	14	x	15	)x	10 1/2	609	Sft
WMO	1	x	2	x(	10	x	11 1/4	)x	7	298	Sft
WMO/Dress	1	x	2	x(	4 1/4	x	4 3/4	)x	7	126	Sft
Doctor Room	1	x	2	x(	10	x	11 1/4	)x	7	298	Sft

Description	No				L			B			H	Qty	Unit
Doctor/Dress	1	x	2	x(	4 1/4		x	4 3/4	)x	10	1/2	189	Sft
Icu ward	1	x	2	x(	12	19/22	x	16	)x	10	1/2	588	Sft
Anti & Recovery	3	x	2	x(	10		x	16	)x	10	1/2	1638	Sft
Labour Room	1	x	2	x(	16		x	16	)x	10	1/2	672	Sft
Corridor 8' wide	1	x	2	x(	49		x	8	)x	7		798	Sft
Nurse Station	1	x	2	x(	8		+	10	)x	7		252	Sft
O.T	1	x	2	x(	18		+	16	)x	7		476	Sft
Delivery	1	x	2	x(	12		+	16	)x	10	1/2	588	Sft
E) DAILYSIS UNIT													
Ver Ents	1	x	2	x(	18		+	11 3/4	)x	7		417	Sft
Ver/Room	1	x	2	x(	10 1/2		+	10 3/4	)x	10	1/2	446	Sft
Link passage	1	x	2	x(	22		+	8 1/2	)x	7		427	Sft
Corridor 8' wide	1	x	2	x(	8		+	26 1/2	)x	7		483	Sft
Room	1	x	2	x(	18		+	12 1/4	)x	10	1/2	635	Sft
" " "	2	x	2	x(	18		+	14	)x	10	1/2	1344	Sft
" " "	2	x	2	x(	18		+	10	)x	10	1/2	1176	Sft
F) LAUNDARY													
Laundary	1	x	2	x(	31		+	19 1/4	)x	7		704	Sft
Room	2	x	2	x(	8		+	10 3/4	)x	7		525	Sft
Ent	1	x	2	x(	5		+	15	)x	7		280	Sft
G) MASJID													
Hall	1	x	2	x(	20		+	30	)x	7		700	Sft
A) GROUND FLOOR PART-2													
Film Store	1	x	2	x(	8		+	8 5/8	)x	7		233	Sft
Dark Room	1	x	2	x(	8		+	9	)x	7		238	Sft
Nurse Station	1	x	2	x(	8		+	12 5/8	)x	7		289	Sft
Stores	1	x	2	x(	8		+	5	)x	10	1/2	273	Sft
B) GROUND FLOOR PART-3													
Stores	4	x	2	x(	5		+	12	)x	10	1/2	1428	Sft
Linen Store	2	x	2	x(	5		+	6 3/8	)x	7		319	Sft
D) GYNEE & PEDIATRIC WARDS													
Utility Stores	2	x	2	x(	8		+	18	)x	10	1/2	1092	Sft
Stores	1	x	2	x(	10		+	10	)x	10	1/2	420	Sft
Change Room	1	x	2	x(	8		+	10	)x	10	1/2	378	Sft
" " "	1	x	2	x(	8		+	5	)x	10	1/2	273	Sft
										Total		**63604**	**Sft**

Deduction

Description	No				L			B		Qty	Unit
A) GROUND FLOOR PART-2											
D 3 Outer ashwood	2	x	1	x	5		x	7		70	Sft
D 3 inner alumimium	2	x	1	x	5		x	7		70	Sft
D 4	6	x	1	x	4	1/2	x	7		189	Sft
D 5	3	x	1	x	3	1/2	x	7		74	Sft
D 6	4	x	1	x	3		x	7		84	Sft
D 8	3	x	1	x	3		x	7		63	Sft
D 9 x ray	1	x	1	x	4	1/2	x	7		32	Sft
B) GROUND FLOOR PART-3											
D 3 Outer ashwood	2	x	1	x	5		x	7		70	Sft
D 4 A	3	x	1	x	4	1/2	x	7		95	Sft
D 5	3	x	1	x	3	1/2	x	7		74	Sft
C) OUT DOOR PATIENT											
D 1 Outer ashwood	3	x	1	x	5		x	7		105	Sft
D 2 A	3	x	1	x	5		x	7		105	Sft
D 5	23	x	1	x	3	1/2	x	7		564	Sft
D) GYNEE & PEDIATRIC WARDS											
D 1 Outer ashwood	4	x	1	x	5		x	7		140	Sft
D 2 inner alumimium	4	x	1	x	5		x	7		140	Sft
D 5	17	x	1	x	3	1/2	x	7		417	Sft
E) DAILYSIS UNIT											
D 2 Outer ashwood	2	x	1	x	6		x	7		84	Sft
D 5	5	x	1	x	3	1/2	x	7		123	Sft
E) LAUNDARY											
D 2 Outer ashwood	1	x	1	x	5		x	7		35	Sft
D 5	2	x	1	x	3	1/2	x	7		49	Sft
G) MASJID											
D 5	3	x	1	x	5		x	7		105	Sft
D4	3	x	1	x	4	1/2	x	7		95	Sft
D5	3	x	1	x	3	1/2	x	10 2/3		112	Sft
D5	10	x	1	x	3	1/2	x	7		245	Sft
D6	4	x	1	x	3		x	10 2/3		128	Sft
D7	5	x	1	x	2	3/4	x	10 2/3		147	Sft
							Total			**3415**	**Sft**
							Net Total			**60189**	**Sft**

21 Providing and Applying weather Shield paint of approved quality on external surface of buildings including preparation of surface, application of primer complete in all resprct Old Surface 2-Coats i/c Scraping

Description	No				L			B			H	Qty	Unit
A) GROUND FLOOR PART-2													
Front Side	2	x	1	x	91		x	14 1/2				2639	Sft
Left & Right Sides	2	x	1	x	48	1/8	x	14 1/2				1396	Sft
Link Sides	2	x	1	x	17	8/47	x	14 1/2				498	Sft
Stair Outside	2	x	1	x	11		x	14 1/2				319	Sft
" " "	2	x	1	x	15		x	14 1/2				435	Sft
" " "	2	x	1	x	65	1/2	x	14 1/2				1900	Sft
B) GROUND FLOOR PART-3													
Front Side	2	x	1	x	144		x	14 1/2				4176	Sft
Left & Right Sides	2	x	1	x	59	1/8	x	14 1/2				1715	Sft
Lav Block	2	x	2	x(	21	1/2	+	11 1/2	)x	14	1/2	1914	Sft
Stair Outside	2	x	1	x	11		x	14 1/2				319	Sft

Description	No.							Qty	Unit
" " "	2	x	1	x	15		x 14 1/2	435	Sft
" " "	2	x	1	x	65	20/22	x 14 1/2	1900	Sft

C) OUT DOOR PATIENT

Building	1	x	2	x(228	1/2	+ 48	)x 15	8295	Sft
Sides ver	1	x	2	x 8		x 12		192	Sft

D) GYNEE & PEDIATRIC WARDS

Sides wings	2	x	2	x(40		+ 65 1/4	)x 15	6315	Sft
" ' "	1	x	2	x(115		+ 43 3/4	)x 15	4763	Sft

E) DAILYSIS UNIT

Sides wings	1	x	2	x(47		+ 40 1/2	)x 15	2625	Sft
passage	1	x	1	x 22 ~		x 15		330	Sft

E) LAUNDARY

Sides wings	1	x	2	x(33 1/4		+ 32 1/2	)x 15	1973	Sft

G) MASJID

Sides wings	1	x	2	x(20		+ 30	)x 12	1200	Sft
							Total	**43338**	**Sft**

Deduction

A) GROUND FLOOR PART-2

Description	No.						Qty	Unit
D 3Outer ashwood	3	x	1	x 5	x 8 1/2		128	Sft
W1	4	x	1	x 3	x 8 1/2		102	Sft
W2	10	x	1	x 4	x 5 1/2		220	Sft
HW-1	7	x	1	x 4	x 3		84	Sft
HW-2	3	x	1	x 2	x 2		12	Sft
Ver Opening	20	x	1	x 6	x 5 1/2		660	Sft
" " "	14	x	1	x 4 1/4	x 5 1/2		327	Sft

B) GROUND FLOOR PART-3

W1	2	x	1	x 3	x 8 1/2		51	Sft
W2	18	x	1	x 4	x 5 1/2		396	Sft
HW-1	12	x	1	x 4	x 3		144	Sft
HW-2	2	x	1	x 2	x 2		8	Sft

C) OUT DOOR PATIENT

W2	26	x	1	x 4	x 5 1/2		572	Sft
W4	9	x	1	x 6	x 5 1/2		297	Sft
HW-1	8	x	1	x 4	x 3		96	Sft
HW-2	4	x	1	x 2	x 2		16	Sft

D) GYNEE & PEDIATRIC WARDS

W2	6	x	1	x 4	x 5 1/2		132	Sft
W4	20	x	1	x 6	x 5 1/2		660	Sft
HW-1	9	x	1	x 4	x 3		108	Sft
HW-2	4	x	1	x 2	x 2		16	Sft

E) DAILYSIS UNIT

Dw2 Outer	1	x	1	x 6	x 7		42	Sft
W4	5	x	1	x 6	x 5 1/2		165	Sft
W5	4	x	1	x 4	x 5 1/2		88	Sft
HW-1	2	x	1	x 4	x 3		24	Sft

E) LAUNDARY

Dw2 Outer	1	x	1	x 5	x 8 1/2		43	Sft
W4	4	x	1	x 6	x 5 1/2		132	Sft
W5	2	x	1	x 4	x 5 1/2		44	Sft

G) MASJID

Window	4	x	1	x 4	x 5		80	Sft
CW1	2	x	1	x 2	x 2		8	Sft
CW2	2	x	1	x 1 1/2	x 1 3/4		5	Sft
DW2 Aluminium	3	x	1	x 5	x 8 1/2		128	Sft
						Total	**4788**	**Sft**
						Net Total	**38550**	**Sft**
					60% Two Coat with scraping		**23130**	**Sft**
					40% w/out Scraping		**15420**	**Sft**

22 Providing and fixing 2'-9" high stair railing comprising of non magnetic (304) Stain less steel 2" dia pipe railing of 18 SWG welded with vertical posts of 2" dia stainless steel round/ Squar pipe/ Tong (chimta) @ 2-ft c/c fixed on alternate steps with 3" long steel screws and brass rawal plugs , 3-Nos diagonal stainless steel pipes of 1/2" dia passes through goties fixed on vertical post, i/c stainles steel welding, fixing & polishing complete in all respects as approved and directed by the Engineer Incharge.

Ground Floor	2	x	55		110	Rft
Ramp	2	x	55		110	Rft
	1	x	18		18	Rft
				Total	**238**	**Rft**

23 Providing and fixing 2" dia 18 SWG non-magnetic Stain less steel pipe (304) wall mounted hand rail comprising fixed with 2" long steel bracket with screws i/c the cost of hardware etc. & stainless steel welding & polishing complete in all respects as approved and directed by the Engineer Incharge.

Ground Floor	2	x	28		56	Rft
				Total	**56**	**Rft**

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

OPD	6875	x	0.50%	3439 ~~6,188~~	Sft
DIAGNOSTIC	4379	x	0.9 50%	2190 ~~3,941~~	Sft
Khurras	-20	x	4	~~5629~~ (80)	Sft
			Total	5549 ~~10,049~~	**Sft**

25 Supply and Fixing Hydrualic Door Closer i/c all cost of labour & material complete in all respects as approved by the Engineer Incharge.

		246	Nos
	Total	**246**	**Nos**

26 Window Façade Uplifting complete in all respect as approved by Engineer Incharge

	20	Nos

24 Providing and fixing 2" dia 18 SWG non-magnetic Stain less steel pipe (304) wall mounted hand rail comprising fixed with 2" long steel bracket with screws i/c the cost of hardware etc. & stainless steel welding & polishing complete in all respects as approved and directed by the Engineer Incharge.

Ground Floor	2 x	28				56	Rft
				Total		56	Rft

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

OPD	6875 x	0.9		6,188	Sft
DIAGNOSTIC	4379 x	0.9		3,941	Sft
Khurras	-20 x	4		(80)	Sft
			Total	10,049	Sft

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

		20	Nos
	Total	20	Nos

29 Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, etc:-a) 4" dia (100 mm) cast iron down pipe.

Rain Water down pipe	20 x	16		320	Rft
			Total	320	Rft

27 Rain water down pipe cast iron head fixed in place, including cost of clamp holdfast and painting.

		80	Nos
	Total	80	Nos

27 Shoes, bends or offsets for cast iron rain water down pipe, including fixing and painting.

		40	Nos
	Total	40	Nos

5 Providing anf Fixing Anti Microbial wall panelling

Operation theater	1 x	2	x(	18	+	20	)x	11	1/2	874	Sft
Scrub Room	1 x	2	x(	12	+	8	)x	11	1/2	460	Sft
Sterlization	1 x	2	x(	9 1/2	+	12	)x	11	1/2	495	Sft
								Total		1829	Sft

Deduction

D5	1 x	1	x	4	x	7			28	Sft
D6	2 x	1	x	3	x	7			42	Sft
							Total		70	Sft
						Net Total			1759	Sft

26 Supply and Fixing Hydrualic Door Closer i/c all cost of labour & material complete in all respects as approved by the Engineer Incharge.

		246	Nos
	Total	246	Nos

27 Providing and Fixing at site of work Lead Sheet/Anti Rays Sheet in X-Ray Room complete in all respect as approved by Engineer Incharge.

x-ray door	1 x	1	x	5	x		8	1/2	43	Sft
film stor door	1 x	1	x	4	x		8	1/2	34	Sft
dark room door	1 x	1	x	4	x		8	1/2	34	Sft
							Total		111	Sft

28 Window Façade Uplifting complete in all respect as approved by Engineer Incharge

		20	Nos
	Total	20	Nos

27   Supply and Fixing Cylinder type door lock i/c all cost of labour & material complete in all respects as approved by the Engineer Incharge.

	15	Nos
Total	**15**	Nos

28   Providing and fixing Bracket Fans made of Pak/Younas/G.F.C. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge.(a)Plastic body (ii) 12 " dia.

	800	Nos
Total	**200**	Nos

29   Providing and fixing Copper winded Exhaust fan with louver and shutter made of Pak/Younas/G.F.C. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge.(a)Plastic body (ii) 12 " dia.

	21	Nos
Total	**21**	Nos

30   Providing and fixing 2"X2" Stainless Steel 14 SWG Corner Guard angle with bevelled corner and 0.8 mm bend at edges duly pasted with premium grade self-adhesive glue strips with excellent hold/(double sided,Tape) as approved and directed by the Engineer Incharge.

Corners			250	Rft
Corners	20 x	7	140	Rft
		Total	**390**	Rft

31   Providing and fixing Stainless Steel Columns Clading, complete in all respect as approved by Engineer Incharge.

Columns	70 x	5	350	Rft
" " "	120 x	5	600	Rft
		Total	**950**	Rft

32   Providing and Fixing at site of work vantities complete in all respect as approved by Engineer Incharge.

	58	Nos
Total	**58**	Nos

33   Providing and Fixing at site of work Lead Sheet/Anti Rays Sheet in X-Ray Room complete in all respect as approved by Engineer Incharge.

x-ray door	1 x	1	x	5	x	8	1/2	43	Sft
film stor door	1 x	1	x	4	x	8	1/2	34	Sft
dark room door	1 x	1	x	4	x	8	1/2	34	Sft
							Total	**111**	Sft

34   Rewinding of A.C. ceiling fan, capacitor type, including cost of wire, leatheride paper cotton tape, soldering, etc .ii) 1400 mm (56") sweep, 250-275 RPM.

	40	Nos
Total	**40**	Nos

35   Supply and fitting of capacitor 2.2 uF, for ceiling fans.

	40	Nos
Total	**40**	Nos

36   Supply and fitting of ball bearing of size 6201, 6202 or 6203 for ceiling fans

	80	Nos
Total	**80**	Nos

37   Providing and fixing 1/8" (3 mm) thick 3" (75 mm) wide aluminium strip on horizontal and vertical expansion joints in walls, columns, ceilings and floors etc., including cost of clips/screws etc., complete in all respects:-a) On interior surface (without mastic strip)

1 x	1	x	35	x	15	1/2	543	Rft
1 x	1	x	25	x	20	1/2	513	Rft
						Total	**1,056**	Rft

38   P/F MS box section window of 16 SWG, having frames of 2"x1-1/2", leave frame of T-type box section of 2"x1"x1", with ½"x1/2" box section using, Ushaped rubber for fixing 5 mm thick glass panes i/c the cost of fixing of 24 SWG wire guaze on inner side by means of ½"x1/8" MS flat patti, MS grill fitted with in the window frame and screws including hinges, brass handles and painting 3 coats. Complete in all respect

W 1	4 x	1	x	3	x	8	1/2	102	Sft
W 1	2 x	1	x	3	x	8	1/2	51	Sft
W 2	8 x	1	x	4	x	5	1/2	176	Sft
W 3	2 x	1	x	10	x	5	2/3	113	Sft
W 4	9 x	1	x	6	x	5	1/2	297	Sft
W 4	5 x	1	x	6	x	5	1/2	165	Sft
W 4	4 x	1	x	6	x	5	1/2	132	Sft
W 5	5 x	1	x	4	x	5	1/2	110	Sft
W 5	2 x	1	x	4	x	5	1/2	44	Sft
W 7	4 x	1	x	4	x	5		80	Sft
HW-2	3 x	1	x	2	x	2		12	Sft
HW-2	2 x	1	x	2	x	2		8	Sft
HW-2	4 x	1	x	2	x	2		16	Sft
HW-2	4 x	1	x	2	x	2		16	Sft
CW-1	2 x	1	x	2	x	2		8	Sft
CW-2	2 x	1	x	1 1/2	x	1	3/4	5	Sft
						Total		**1,335**	Sft

39   Supply and fitting SMD Light 13-watts

	800	Nos
Total	**800**	Nos

Sub Engineer	Sub Divisional Officer Buildings Sub Division, Yazman.	Executive Engineer Buildings Division No.1, Bahawalpur.

Cost of Old Material

i. Brick		69 x		1350% x		70% x =			652	Nos		Rs. 3260/-
								@	5,000	%0		
ii. Brick Bats		69 x				30% x =			21	Cft		Rs. 725/-
								@	3,500	%Cft		
iii. Brick Tile		10049 x		350% x		70% x =			24619	Nos		Rs. 123095/-
								@	5,000	%0		
iv. Tile Bats		10049 x		0.125 x		30% x =			377	Cft		Rs. 13489/-
								@	3,500	%Cft		

v. Wooden Door

D 3 inner	2 x	1	x	5	x			8	1/2	85	Sft
D 4 A	6 x	1	x	4	1/2	x		8	1/2	230	Sft
D 4 A	3 x	1	x	4	1/2	x		8	1/2	115	Sft
D 5	3 x	1	x	3	1/2	x		8	1/2	89	Sft
D 5	3 x	1	x	3	1/2	x		8	1/2	89	Sft
D 5	23 x	1	x	3	1/2	x		8	1/2	684	Sft
D 5	27 x	1	x	3	1/2	x		8	1/2	803	Sft
D 5	5 x	1	x	3	1/2	x		7		123	Sft
D 5	2 x	1	x	3	1/2	x		7		49	Sft
D 6	4 x	1	x	3		x		7		84	Sft
D 6	11 x	1	x	3		x		7		231	Sft
D 6	5 x	1	x	3		x		7		105	Sft
D 8	3 x	1	x	3		x		7		63	Sft
D 9 x ray	1 x	1	x	4	1/2	x		8	1/2	38	Sft
D 7	58 x	1	x	2	3/4	x		7		1117	Sft
D 6	2 x	1	x	3		x		7		42	Sft
									Total	3947	Sft
									@	145	P.Sft	Rs. 572315/-

= 168 Nos @ 3500 Each

v. Wooden Window

W 1	4 x	1	x	3		x		8	1/2	102	Sft
W 1	2 x	1	x	3		x		8	1/2	51	Sft
W 2	10 x	1	x	4		x		5	1/2	220	Sft
W 2	18 x	1	x	4		x		5	1/2	396	Sft
W 2	26 x	1	x	4		x		5	1/2	572	Sft
W 2	8 x	1	x	4		x		5	1/2	176	Sft
W 3	2 x	1	x	10		x		5	2/3	113	Sft
W 4	9 x	1	x	6		x		5	1/2	297	Sft
W 4	24 x	1	x	6		x		5	1/2	792	Sft
W 4	5 x	1	x	6		x		5	1/2	165	Sft
W 4	4 x	1	x	6		x		5	1/2	132	Sft
W 5	5 x	1	x	4		x		5	1/2	110	Sft
W 5	2 x	1	x	4		x		5	1/2	44	Sft
W 7	4 x	1	x	4		x		5		80	Sft
HW-1	7 x	1	x	4		x		3		84	Sft
HW-1	12 x	1	x	4		x		3		144	Sft
HW-1	8 x	1	x	4		x		3		96	Sft
HW-1	9 x	1	x	4		x		3		108	Sft
HW-1	2 x	1	x	4		x		3		24	Sft
HW-2	3 x	1	x	2		x		2		12	Sft
HW-2	2 x	1	x	2		x		2		8	Sft
HW-2	4 x	1	x	2		x		2		16	Sft
HW-2	4 x	1	x	2		x		2		16	Sft
CW-1	2 x	1	x	2		x		2		8	Sft
CW-2	2 x	1	x	1	1/2	x		1	3/4	5	Sft
									Total	3,771	Sft
									@	125	Each	Rs. 471375/-

= 178 Nos @ 2000 Each

Total	Rs. 1183959/-

Sub Engineer

Sub Divisional Officer
Buildings Sub Division,
Yazman.

Executive Engineer
Buildings Division No.1,
Bahawalpur.

WATER SUPPLY

1. Excavation of trenches of all kinds of soil except cutting rock, for water supply pipe lines upto 5 ft depth from ground level i.e. trimming dressing sides leveling the beds of trenches to correct grade and cutting pits for joints etc. completes in all respects.

	1 X ~~1000~~ 3000 x 1 1/2 x 2	=	3000	Cft
	Total =		3000	Cft
	@ Rs. 7647.00	%0Cft	=	~~229431/-~~ 68823/-

2. Providing laying,cutting, jointing,testing and disinfecting High Density Polyethene Pipe (HDPE) working presure pipe in trenches complete in all respect:- i) PN-12.5(SDR-13.6), A)110 mm dia

	=	1000	Rft
Total =		1000	Rft
@ Rs. 440.70	P.Rft	=	440700/-

B) 160 mm dia

	=	2000	Rft
Total =		2000	Rft
@ Rs. 913.50	P.Rft	=	1827000/-

3. Providing, laying, testing and commissioning of POLY PRO PYLENE RANDOM COPOLYMER (PPRC) water supply pipe (Dadex /Popular /Beta or equivalent) with specified pressure rating PN (PRESSURE NOMINAL) and conforming to DIN 8077-8078 code i/c cost of solvent, specials, making jharries complete in all respect as approved and directed by Engineer Incharge.(Internal /External Diameters mentioned).
   b)PN-20 pipe(iii)(1") 32 mm

	=	4000	Rft
Total =		4000	Rft
@ Rs. 107.05	P.Rft	=	428200/-

(v)(1-1/2") 50 mm

	=	2000	Rft
Total =		2000	Rft
@ Rs. 249.35	P.Rft	=	498700/-

4. Rehanding of earth work load up to a single throw of kasi phaora or showel.

Same Qty as item NO. 01

	=	3000	Cft
@ Rs. 2547.60	%0Cft	=	7643/-

5. Making connection for new watersupply lines with the running main, including excavation of trench and refilling, complete, but excluding cost of pipe and specials, Diameter of running main: i) upto 4" (110 mm)

	=	10	Nos
@ Rs. 1984.40	Each	=	19844/-

ii) 6"(160 mm dia)

	=	10	Nos
@ Rs. 2976.60	Each	=	29766/-

6. Providing and fixing sluice valve of B.S.S. quality and weight, Class 'B', for cast iron pipe line, and Asbestos cement pipe line (including cost of jointing material):-
   (i)4" i/d

	=	12	Nos
@ Rs. 18404.75	Each	=	220857/-

(i)6" i/d

	=	6	Nos
@ Rs. 31405.10	Each	=	188431/-

Total Rs. = ~~3687081/-~~ 3745200/-

Say Rs. ~~3684100/-~~

Sub Engineer

SUB DIVISIONAL OFFICER,
Buildings Sub Division,
Yazman.

Executive Engineer
Buildings Division No.1,
Bahawalpur.

DETAILED ESTIMATE FOR PROVIDING OF EXTERNAL SEWERAGE SYSTEM.

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

pvc4"

C) 9" dia

1	x	300	x	2.5	x	3	=	2250	Cft	
					Total	=	2250	Cft		
						@	11770.45	%oCft	26484	/-

2 Providing and laying R.C.C. pipe, moulded with cement concrete 1:1½:3, with spigot socket or collar joint, etc. including cost of reinforcement, conforming to B.S. 5911 Part I: 1981, Class "L" including carriage of pipe from factory to site of work, lowering in trenches to correct alignment and grade, jointing, cutting pipes where necessary, finishing and testing, etc., complete.

C) 9" dia

1	x	300		=	300	Rft	
		Total	=	300	Rft		
			@	529.90	P.Rft	158970	/-

3 Re-handling of earth work lead upto single throw of kassi.

Same Qty as item No. 1 above

=	2250	Cft		
Total	=	2250	Cft	
@	2547.60	%oCft	5732	/-

4 Construction of masonary man hole chamber.
(as per detail attached)

=	6	Nos		
Total	=	6	Nos	
@	45100	Each	270600	/-

5 Making connection with existing main sewer line.
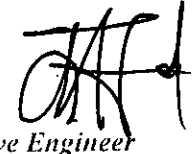
=	10	Nos		
Total	=	10	Nos	
@	2578	Each	25780	/-
	Total		487566	/-

Say Rs:-   487600 /-

Sub Engineer

Sub Divisional Officer
Buildings Sub Division
Yazman

Executive Engineer
Buildings Division No.1
Bahawalpur.

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

1	x	6	x	4.5	x	2 1/2	=	68	Cft

Total	=	68	Cft	
@	11770.45	%oCft	795	/-

2 P/L cement concrete brick ballast 1-½" to 2" gauge in Foundation and plinth   Ratio 1:6:12.

1	x	6	x	4.5	x	1/2	=	14	Cft

Total	=	14	Cft	
@	21099.80	%Cft	2848	/-

3 Pacca brick work in other then building upto 10' height with cement sand mortor ratio1:4 .

1	2	x(	5.5	+	2.5	)x	3/4	x	3	=	36	Cft

Total	=	36	Cft	
@	31483.10	%Cft	11334	/-

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

i/side	1	x	2	x(	4	+	2.5	)x	3 3/4	=	49	Sft
o/side	1	x	2	x(	5.5	+	4	)x	2	=	38	Sft

Total	=	87	Sft	
@	3285.45	%Sft	2850	/-

5 Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate). Ratio (1:2:4):-

1	x	4	x	2.5	x	1/6	=	2	Cft

Total	=	2	Cft	
@	38219	%Cft	637	/-

6 R.C.C work in roof slab beam lintel & other structure member laid in situ or prrecost lintel in position i/c shuttering.

1	x	5.5	x	4	x	3/8	=	8	Cft

D/d M.H Cover	3.14	x(	1.83 / 2	)x	0.5	=	1	Cft

N. Total	=	10	Cft	
@	559.20	P.Cft	5417	/-

7 Fabrication of mild steel reinforcement bar cage for R.C.C.bored piles, including cutting, bending, laying in position,welding and fastening, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from the bars):-.
Take 6.75 lbs of item No. 6

10	x	6.75	x	0.454	=	30	Kgs

Total	=	30	Kgs	
@	31460.05	%Kg	9339	/-

8 Providing and fixing 3" (75 mm) thick R.C.C. manhole cover, 22" (550 mm) dia, with tee shaped C.I. frame of 20 (500 mm) clear complete

			=	1	Nos		
	Total	=	1	Nos			
	@	11568.35	Each	11568	/-		

9 Extra for making and finishing benching floor work in manhole chamber, with 1/8" (3 mm) thick cement finish.
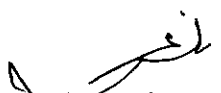
1	x	4	x	2 1/2	=	10	Sft		
				Total	=	10	Sft		
				@	2976.75	%Sft	298	/-	
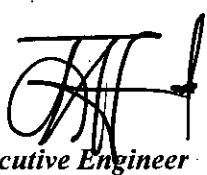
Total   45085 /-

Say Rs:-   45100 /-

Sub Engineer

Sub Divisional Officer
Buildings Sub Division,
Yazman.

Executive Engineer
Buildings Division No.1
Bahawalpur.

1 Excavation in foundation of Buildings; bridges and other structures i.e. dag-belling, dressing, refilling, around structures with excavated earth watering and ramming lead upto one chain and lift upto 5 ft in ordinary soil.

Toe Wall	2	x	42	x	2	x	1	=	168	Cft			
" " "	2	x	73	x	2	x	1	=	292	Cft			
							Total	=	460	Cft			
								@	10712.60	%oCft	4928	/-

2 **Dry Rammed Brick Ballast 1 1/2"x1 1/2" Gauge:-**

Toe Wall	2	x	42	x	2	x	1/3	=	55	Cft			
" " "	2	x	73	x	2	x	1/3	=	96	Cft			
							Total	=	152	Cft			
								@	8903.40	%Cft	13515	/-

3 **Pacca Brick Work 1:6 O.T.B**

Toe Wall	2	x	42	x	1.5	x	1/4	=	32	Cft			
" " "	2	x	42	x	1.125	x	1 1/2	=	142	Cft			
Toe Wall	2	x	73	x	1.5	x	1/4	=	55	Cft			
" " "	2	x	73	x	1.125	x	1 1/2	=	246	Cft			
							Total	=	474	Cft			
								@	29810.30	%Cft	141413	/-

4 Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate Ratio 1:2:4.

Toe Wall	2	x	42	x	1.125	x	1/8	=	12	Cft			
" " "	2	x	73	x	1.125	x	1/8	=	21	Cft			
							Total	=	32	Cft			
								@	38219	%Cft	12361	/-

5 **Filling, watering, ramming, earth under floor :-**

A) With Surplud Earth from foundation

	1	x	460	x	0.667	x	1	=	307	Cft			
							Total	=	307	Cft			
								@	5107.85	%Cft	1567	/-

B) With New Earth from outside lead upto 01-miles

For Tuff Pavers	1	x	42	x	13	x	1/2	=	273	Cft			
" " "	1	x	73	x	22	x	1/2	=	803	Cft			
							Total	=	1076	Cft			
D/D Surplus Earth									307	Cft			
							Total	=	769	Cft			
								@	16014.50	%Cft	12318	/-

6 **Providing and Laying brick Ballast 1 1/2" to 2" gauge mixed 25% sand:-**

For Tuff Pavers	1	x	42	x	13	x	1/3	=	180	Cft			
" " "	1	x	73	x	12	x	1/3	=	289	Cft			
							Total	=	469	Cft			
								@	9297.20	%Cft	43628	/-

7 ProvidingandlayingTuffpavers,having7000PSI,crushingstrengthofapprovedmanufacturer,over2"to3"sandcushioni/cgroutingwithsand in joints i/c finishing to require slope . complete in all respect. (50% Grey / 50% Coloured) b) 60-mm thick

Tuff Pavers	1	x	42	x	13			=	546	sft			
" " "	1	x	73	x	12			=	876	sft			
							Total	=	1422	Sft			
								@	157.85	P.Sft	224463	/-

Total		454193	/-
Say Rs:-		454200	/-

Sub Engineer

Sub Divisional Officer
Buildings Sub Division, Yazman.

Executive Engineer
Buildings Division No.1
Bahawalpur.

GATE WITH GATE PILLARS

1 Excavation in foundatioin of building, Bridges and other stucture the dag-belling dreessing, refilling around structure with excavated earth watering ramming lead upto one chain and lift upto 5' o/ soil.

3	x	3 1/4	x	3 1/4	x	2			63	Cft	
1	x	20	x	1 1/2	x	1			30	Cft	
							Total	**93**		**Cft**	
							@	**10712.60**		**%oCft**	**Rs. 996/·**

2 Cement Concrete brick or stone ballast 1 1/2" to 2" gauge in foundation and plinth 1:4:8.

3	x	3 1/4	x	3 1/4	x	1/2			16	Cft	
							Total	**16**		**Cft**	
							@	**24777.80**		**%Cft**	**Rs. 3964/·**

3 Cement Concrete brick or stone ballast 1 1/2" to 2" gauge in foundation and plinth 1:6:18.

1	x	20	x	1 1/2	x	1/2			15	Cft	
							Total	**15**		**Cft**	
							@	**19622.60**		**%Cft**	**Rs. 2943/·**

4 P/L Reinforced cement concrete 1:2:4 in slab of rafts / strip foundation, base slab of column and retaining walls; etc and by using coarse sand and wash graded aggregates I/c lifting compaction finishing and curing etc.

without shuttering	3	x	3 1/4	x	3 1/4	x	1/2		16	Cft	
	3	x	1 1/2	x	1 1/2	x	1/2		3	Cft	
	3	x	3/4	x	3/4	x	14		24	Cft	
							Total	**43**	**Cft**		
							@	**460.05**	**P.Cft**		**Rs. 19782/·**

5 Fabrication of mild steel reinforcement for cement concrete i.e. cutting bending, laying in position, making joints and fasting i.e. cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars).

43	x	6.75	x	0.454			132	Kgs	
						Total	**132**	**Kgs**	
						@	**31460.05**	**%Kgs**	**Rs. 41527/·**

.6 Pacca brick work in other than building with cement sand mortor 1:4

3	x	2 5/8	x	2 5/8	x	1/2		10	Cft	
3	x	2 1/4	x	2 1/4	x	14		213	Cft	
1	x	20	x	3/4	x	6		90	Cft	
						Total	**313**	**Cft**	

RCC

	Total	**27**	**Cft**	
	Net Total	**286**	**Cft**	
	@	**31483.10**	**%Cft**	**Rs. 90042/·**

7 Cement pointing struck joints, on walls, upto 20' (6.00 m) hiehgt ratio 1:2 i/c Extra cost of labour and material for red oxide pigment in cement pointing to match with the colour of bricks.

3	x	2	x	4 7/8	x	12		351	Sft	
						Total	**351**	**Sft**	
						@	**4242.20**	**%Sft**	**Rs. 14890/·**

8 Making and fixing steel grated doors, complete with locking arrangement, angle iron frame 2"x2"x3/8" (50x50x10 mm) and ¾" (20 mm) square bars 4" (100 mm) centre to centre.

1	x	20	x	10		200	Sft	
1	x	4	x	10		40	Sft	
					Total	**240**	**Sft**	
					@	**1935.65**	**P. Sft**	**Rs. 464556/·**

9 Preparing surface and painting of doors and windows any type (including edges) three coats.

1	x	240	x	2		480	Sft	
					Total	**480**	**Sft**	
					@	**2770.70**	**%Sft**	**Rs. 13299/·**

Total	**Rs. 651999/·**
Say	**Rs. 652000/·**

Sub Engineer

Sub Divisional Officer,
Buildings Sub Division No.1,
Bahawalpur.

EXECUTIVE ENGINEER
Buildings Division No.1
Bahawalpur

S.#			Qty:	Unit	Rate		Amount
	(a)	Tripple Pole 63A(36 KA) (3*2=6)	6	each	17,434.30	i	104605.8
	(b)	Single Pole 32A(10 KA) (6*2=12)	12	each	1,299.95	•	15599.4
	(c)	Single Pole 16A(10 KA) (6*2=12)	12	each	1,299.95	a	15599.4
7		P/F wall mounted DB (Distribution Board) made with 16SWG Sheet (Recessded/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights,Thimble, Copper Comb, Wiring, Netural & Earth Bar, Door Earthing, Digital Voltmeter,Digital Ammeter,Volt Selector Switch,Ammeter selector switch,Current Transformers and Controles Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately).					
		LDBs (For Wards)					
	(a)	6" deep					
	(ii)	63A (18"x24"x6")　　　　　　　　　　3X/.5=4.5　6db			18,691.40	•	84111.3
		Incoming Breakers for LDBs (For OPD and Emergency)					
		Supplying ,Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.					
	(a)	Tripple Pole 63A(36 KA) (1*3=3)	4	each	17,434.30	•	69737.2
		Outgoing Breakers for LDBs (For Wards)					
		Suppling,Installation and comissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY /SIEMEN GERMAN/TERASAKI JAPAN/ ABB SWITZERLAND in prelaid DBs and Panels i/c the cost of screwes,necessary wire complete in all respect as approved and directed by the Engineer Incharge					
	(a)	Single Pole 20A(10 KA) (4*3=12)	12		1,299.95		15599.4
	(b)	Single Pole 16A(10 KA) (4*3=12)	12		1,299.95		15599.4
	(c)	Single Pole 10A(10 KA) (6*3=18)	18		1,299.95		23399.1
B		**LT POWER CABLE.**				I	
	1	95 mm sq (37/0.072") PVC insulated, PVC sheathed 4 core, 660/1100 volt non armoured cable (For Transformer)	100	rft	3,676.95		367695
	1	70 mm sq (19/0.083") PVC insulated, PVC sheathed 4 core, 660/1100 volt non armoured cable (For Transformer and MDB-1)	300	rft	2,605.05	r	781515
	2	50 mm sq (19/0.072") PVC insulated, PVC sheathed 4 core, 660/1100 volt non armoured cable (For PDBs)	300	rft	1,859.25		557775
	3	7/1.12 mm (7/0.044") PVC insulated, PVC sheathed twin core, 250/440 volts. copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc (For LDBs and ACs)	250	rft	160.75		40187.5
		Add Wapda Charges					~~2500000~~
					TOTAL		~~8283812~~

5783812

Sub Engineer.

Sub Divisional Officer
Buildings Sub Division,
Yazman.

Executive Engineer
Buildings Division No.1
Bahawalpur.

DETAILED ESTIMATE FOR CONSTRUCTION OF *Pond Rooms*
18' x12' SIZE ~~WATER FILTRATION ROOM~~:-

1- Excavation in foundation of building bridges and other structure i/c dagbelling dressing in ordinary soil.

Walls	2	x	21.250	x	2.5	x	2		213	Cft	
" "	2	x	10.25	x	2.5	x	2		103	Cft	
Toe Wall	2	x	26.25	x	1.5	x	1		79	Cft	
	2	x	17.25	x	1.5	x	1		52	Cft	
							Total		**446**	**Cft**	
							@	10712.60	%0Cft	Rs	4772/-

2- P/L cement concrete bricks or stones ballast 1-1/2" to 2" gauge in foundation and plinth (Ratio 1:6:12)

Walls	2	x	21.250	x	2.5	x	0.5		53	Cft	
" "	2	x	10.25	x	2.5	x	0.5		26	Cft	
							Total		**79**	**Cft**	
							@	21099.80	%Cft	Rs	16616/-

3 P Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50 mm) gauge.

Toe Wall	2	x	26.25	x	1.5	x	0.375		30	Cft	
	2	x	17.25	x	1.5	x	0.375		19	Cft	
							Total		**49**	**Cft**	
							@	8903.40	%Cft	Rs	4357/-

4 Pacca brick work in foundation and plinth in cement sand mortor 1:6.

Walls	2	x	20.250	x	1.5	x	0.25	15	Cft	
	2	x	19.875	x	1.125	x	0.25	11	Cft	
	2	x	19.5	x	0.75	x	5.00	146	Cft	
Walls	2	x	11.25	x	1.5	x	0.25	8	Cft	
	2	x	11.625	x	1.125	x	0.25	7	Cft	
	2	x	12	x	0.75	x	5.00	90	Cft	
cable trnch	2	x	18	x	1.5	x	0.25	14	Cft	
	2	x	18	x	1.125	x	2.50	101	Cft	
Toe Wall	2	x	25.875	x	1.125	x	0.25	15	Cft	
	2	x	25.5	x	0.75	x	3.375	129	Cft	
Toe Wall	2	x	17.625	x	1.125	x	0.25	10	Cft	
	2	x	17.25	x	0.75	x	3.375	87	Cft	
Front Step	1	x	4.00	x	2	x	0.75	6	Cft	
	1	x	4	x	1	x	0.75	3	Cft	
							Total	**642**	**Cft**	
							@	28698.00	%Cft Rs	184308/-

5 P/L DPC 1-1/2" thick width 1:2:4 ratio with one coat of bitumen and polythene sheet 500 gauge.

	4	x	19.5	x	0.75			59	Sft	
	4	x	12	x	0.75			36	Sft	
D/D	-1	x	4	x	0.75			-3	Sft	
							Total	**92**	**Sft**	
							@	8664.75	%Sft Rs	7928/-

6 P/L V.DPC 1/2" thick cement plaster (1:4) with one coat of bitumen and polythene sheet 500 gauge.

	2	x	18.0	x	1.25		45	Sft	
	2	x	18.0	x	1.25		45	Sft	
						Total	**90**	**Sft**	
						@	5505.70	%Sft Rs	4955/-

7 Pacca brick work ground floor with cement sand mortar 1:6.

Walls	2	x	19.50	x	0.75	x	11	322	Cft	
	2	x	12	x	0.75	x	11	198	Cft	
Parapit	2	x	19.50	x	0.75	x	1.5	44	Cft	
	2	x	12	x	0.75	x	1.5	27	Cft	
							Total	**591**	**Cft**	

Deduction

Door	1	x	5	x	0.75	x	7	26	Cft	
Window	3	x	3	x	0.75	x	4	27	Cft	
Lintel D	1	x	6.5	x	0.75	x	0.5	2	Cft	
W	3	x	4	x	0.75	x	0.5	5	Cft	
							Total	**60**	**Cft**	
		Net Total (601-90)						**530**	**Cft**	
							@	30913.00	%Cft Rs	163974/-

8 1/2" thick cement plaster 1:3 with bitumen 14 lbs coating and ploythene sheet 500 gauge.

Same as item No. 4 above.		55	Sft	
	Total	**55**	**Sft**	
	@	5565.90	%Sft Rs	3061/-

9 P/L RCC work 1:2:4 complete in all respects excluding cost of steel including curring.

Lintel D	1	x	6.5	x	0.75	x	0.5	2	Cft	
W	3	x	4	x	0.75	x	0.5	5	Cft	
Roof	1	x	19.5	x	13.5	x	0.415	109	Cft	
Roof Shed	2	x	22.5	x	1.5	x	0.33	22	Cft	
Roof Shed	2	x	13.5	x	1.5	x	0.33	13	Cft	
							Total	**152**	**Cft**	
							@	559.20	P-Cft Rs	84901/-

10 Fabrication of MS reinforcement for CC including cutting bending laying in position using deformed bar.

	152	x	6.75	x	0.454		465	Kgs		
					Total		465	Kgs		
					@		31460.05	%Kg	Rs	146375/-

11 Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height. (1:3)

Roof	1	x	18	x	12		216	Sft		
					Total		216	Sft		
					@		3762.55	%Sft	Rs	8127/-

12 1/2" thick cement plaster 1:5 on walls.

Walls	2	x	18	x	11		396	Sft		
Walls	2	x	12	x	11		264	Sft		
Front step	1	x	4	x	3.5		14	Sft		
cable trnch	2	x	18	x	3.25		117	Sft		
Parapit	2	x	18	x	2.25		81	Sft		
Parapit	2	x	12	x	2.25		54	Sft		
					Total		926	Sft		
					@		3135.90	%Sft	Rs	29038/-

13 Filling watering ramming earth under floor with surplus earth excavated from foundation.

		446	x	0.67		297	Cft		
			Total			297	Cft		
			@			5107.85	%Cft	Rs	1516/-

14 Filling watering ramming earth under floor with New Earth lead upto 01 mile.

Room	1	x	18	x	12	x	2.50	540	Cft		
Plinth	2	x	24	x	2.25	x	1.5	162	Cft		
" ' "	2	x	13.5	x	2.25	x	1.5	91	Cft		
					Total			793	Cft		
					@			16014.50	%Cft	Rs	12702/-

15 S/Filling sand under floor.

Room	1	x	18	x	12	x	0.333	72	Cft		
Plinth	2	x	24	x	2.25	x	0.25	27	Cft		
" ' "	2	x	13.5	x	2.25	x	0.25	15	Cft		
					Total			114	Cft		
					@			2824.60	%Cft	Rs	3223/-

16 P/L watering and ramming brick ballast 1-1/2" to 2" (40mm to 50mm) gauge mixed with 25% sand for floor foundation complete in all respect.

Same as item No. 12 above.				114	Cft		
		Total		114	Cft		
		@		9297.20	%Cft	Rs	10610/-

17 Providing and laying conglomerate flooring (two coat work) with top layer of ½" thick wearing surface consisting of one part of cement and 2 parts of stone chips passing 3/16" sieve over bottom layer of cement concrete 1:3:6 i/c surface finishing and dividing into pannels 1-1/2" thick

Room	1	x	18	x	12		216	Sft		
Plinth	1	x	25.5	x	3		77	Sft		
" "	1	x	13.5	x	3		41	Sft		
					Total		333	Sft		
					@		7703.45	%Sft	Rs	25652/-

18 Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels. Size 1½" x 3/8"

	333	x	2/3		222	Rft		
		Total			222	Rft		
		@			15.85	P. Rft	Rs	3519/-

19 P/L single layer of tiles 9"x4-1/2"x1-1/2" grouted with cement sand mortar 1:3 laid over 2" thick earth over thermapore sheet 3/4" thick and ploythene sheet 500 gauge.

	1	x	18	x	12		216	Sft		
				Total			216	Sft		
				@			11307.95	%Sft	Rs	24425/-

20 Top Khuras on roof 2'x2'x4"

			2	Nos		
	Total		2	Nos		
	@		865.75	Each	Rs	1732/-

21 P.V.C pipe 4" dia

Rain water pipe	2	x	14		28	Rft		
		Total			28	Rft		
		@			440.95	P. Rft	Rs	12347/-

22 Providing and installing P.V.C. bends, of B.S.S. class " B" 4"dia

		2	Nos		
Total		2	Nos		
@		546.30	Each	Rs	1093/-

23 Cement pointing 1:3 struck joints on wall withred oxide pigment.

External	2	x	19.5	x	13.5		527	Sft
External	2	x	13.5	x	13.5		365	Sft
Toe Wall	2	x	25.5	x	1.5		77	Sft
Toe Wall	2	x	19.5	x	1.5		59	Sft
					Total		1026	Sft

D/d doors & windows

Door	1	x	6	x	7		42	Sft
W	3	x	4	x	4		48	Sft
						Total	**90**	**Sft**
			Net Total (689 - 55)				**936**	**Sft**
						@	**3357.65**	**%Sft Rs** 31428/-

24 P/F Iron door comprising of specified leaves made of 1-1/4"x1-1/4"x3/16" MS angle iron for leaf frame, diagonal and horizontal braces duly welded with MS. sheet 18-SWG i/c the cost of sliding bolt, tower bolt and painting 3-coats but excluding the cost of Chowkat complete in all respect as approved and directed by the Engineer incharge.(i) Single Leaf

	1	x	6	x	7		42	Sft
						Total	**42**	**Sft**
						@	**1006.70**	**P-Sft Rs** 42281/-

25 Providing and fixing windows consisting of M.S. box section frame 2"x1½", (50x40mm) leaves frame 1½"x1" (40x25mm) box section frame for glazing 3/8"x3/8" (10x10mm) using 16 SWG sheet 'U' shaped rubber supported with 1"x1/8" (25x3mm) M.S. flat for fixing 3/16" (5 mm) thick glass panes M.S. box section ½"x½" (13x13mm) of 16 SWG for fixing 24 SWG wire gauze on outer side by means of ¾"x1/8" (20x3mm) M.S. flat and screws including grill of M.S. flat ½"x1/8" (13x3mm) or ¼"x¼" (6x6mm) square bar with independent frame of ½"x½" (13x13mm) box section of 16 SWG i/c all C.P. fitting and painting 3 coats complete in all respect.

W	3	x	4	x	4		48	Sft
						Total	**48**	**Sft**
						@	**1611.10**	**P-Sft Rs** 77333/-

26 Distempering three coats on new surface.

Roof	1	x	18	x	12		216	Sft
Walls	2	x	18	x	11		396	Sft
Walls	2	x	12	x	11		264	Sft
						Total	**876**	**Sft**
						@	**1309.95**	**%Sft Rs** 11475/-

27 ProvidingandfixingM.SGratingcomprisingofAngleIronframesize1.50"x1.50"x3/16"and1/2"squarebarsdulywelded@4"c/c,including painting charges etc complete in all respect.

	1	x	18	x	2		36	Sft
						Total	**36**	**Sft**
						@	**1676.85**	**P-Sft Rs** 60367/-

28 Provision for FOUNDATION

	3	No	@	27520	,= **Rs**	82560/-

29 Provision for E.I.

	1	No	@	26930	,= **Rs**	26930/-
					TOTAL Rs	1087605/-
					SAY RS	1087600/-

Sub Engineer

Sub Divisional Officer,
Buildings Sub Division,
Yazman.

Executive Engineer,
Buildings Division,01
Bahawalpur.

DETAILED ESTIMATE FOR CONCEALED ELECTRICAL WIRES

1 Excavation in foundation of Buildings; bridges and other structures i.e. dag-
   belling, dressing, refilling, around structures with excavated earth watering and
   ramming lead upto one chain and lift upto 5 ft in ordinary soil..

	5 X	180 X	1.5 X	3	=	4050 Cft		
					=	4050 Cft		
					@	10712.60 %0Cft	=	43386 /-

2 S/E of P.V.C. pipe for wiring recessed on surface i/c
   inspection boxes hooks cutting, jharries and repairing
   surface etc.
   vi)50 mm i/d

				=			
	5 X	220		=	1100 Rft		
			Total	=	1100 Rft		
				@	158.60 P.Rft	=	174460 /-

3 Providing and fixing 4" deep cable tray with straight flange
   fabricated with perforated G.I. Sheet of specified
   guage,size and depth duly wall supported/ceiling
   hung,supported on painted brackets of MS angle iron of 1-
   1/2"x1-1/2"x3/16" and MS patti of 1-1/2"x3/16" size @ 5 ft
   C/C, hangers i/c the cost of hardwares as approved and
   directed by the Engineer Incharge.(a)16SWG

(i) 4"x4"

	5 X	1 X	320		=	320 ~~1600~~ Rft		
				Total	=	1600 Rft		125952/-
					@	393.60 P.Rft	=	~~629760~~ /-

(ii) 10"x4"

	5 X	1 X	250		=			
					=	250 ~~1250~~ Rft		
				Total	=	~~1250~~ Rft		252538/-
					@	1010.15 P.Rft	=	~~1262688~~ /-

(iii) 16"x4"(14 SWG)

	5 X	150		=			
			Total	=	750 Rft		
				=	750 Rft		
				@	1281.30 P.Rft	=	~~960975~~ /-

Total:- ~~3074269~~ /- 596336/-

Say:- ~~3074270~~ /- 596336/-

Sub Engineer.

Sub Divisional Officer,
Buildings Sub Division,
Yazman.

Executive Engineer,
Buildings Division,01,
Bahawalpur .

14' x14' SIZE WATER FILTRATION ROOM:-

1- Excavation in foundation of building bridges and other structure i/c dagbelling dressing in ordinary soil.

Walls	2	x	17.250	x	2.5	x	2		173	Cft
" "	2	x	12.25	x	2.5	x	2		123	Cft
Toe Wall	2	x	22.25	x	1.5	x	1		67	Cft
	2	x	19.25	x	1.5	x	1		58	Cft
							Total		**420**	**Cft**

@ 10712.60 %OCft Rs 4494/-

2- P/L cement concrete bricks or stones ballast 1-1/2" to 2" gauge in foundation and plinth (Ratio 1:6:12)

Walls	2	x	17.250	x	2.5	x	0.5		43	Cft
" "	2	x	12.25	x	2.5	x	0.5		31	Cft
							Total		**74**	**Cft**

@ 21099.80 %Cft Rs 15561/-

3 P Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50 mm) gauge.

Toe Wall	2	x	22.25	x	1.5	x	0.375		25	Cft
	2	x	19.25	x	1.5	x	0.375		22	Cft
							Total		**47**	**Cft**

@ 8903.40 %Cft Rs 4157/-

4 Pacca brick work in foundation and plinth in cement sand mortar 1:6.

Walls	2	x	16.250	x	1.5	x	0.25		12	Cft
	2	x	15.875	x	1.125	x	0.25		9	Cft
	2	x	15.5	x	0.75	x	4.00		93	Cft
Walls	2	x	13.25	x	1.5	x	0.25		10	Cft
	2	x	13.625	x	1.125	x	0.25		8	Cft
	2	x	14	x	0.75	x	4.00		84	Cft
Toe Wall	2	x	21.875	x	1.125	x	0.25		12	Cft
	2	x	21.5	x	0.75	x	2.375		77	Cft
Toe Wall	2	x	19.625	x	1.125	x	0.25		11	Cft
	2	x	19.25	x	0.75	x	2.375		69	Cft
Front Step	1	x	4.00	x	2	x	0.75		6	Cft
	1	x	4	x	1	x	0.75		3	Cft
							Total		**393**	**Cft**

@ 28698.00 %Cft Rs 112850/-

5 P/L DPC 1-1/2" thick width 1:2:4 ratio with one coat of bitumen and polythene sheet 500 gauge.

	4	x	15.5	x	0.75		47	Sft
	4	x	14	x	0.75		42	Sft
D/D	-1	x	4	x	0.75		-3	Sft
						Total	**86**	**Sft**

@ 8664.75 %Sft Rs 7408/-

6 P/L V.DPC 1/2" thick cement plaster (1:4) with one coat of bitumen and polythene sheet 500 gauge.

	4	x	14.0	x	1.25		70	Sft
						Total	**70**	**Sft**

@ 5505.70 %Sft Rs 3854/-

7 Pacca brick work ground floor with cement sand mortar 1:6.

Walls	2	x	15.50	x	0.75	x	11		256	Cft
	2	x	14	x	0.75	x	11		231	Cft
Parapit	2	x	15.50	x	0.75	x	1.5		35	Cft
	2	x	14	x	0.75	x	1.5		32	Cft
							Total		**553**	**Cft**

Deduction

Door	1	x	5	x	0.75	x	7		26	Cft
Window	3	x	3	x	0.75	x	4		27	Cft
Lintel D	1	x	6.5	x	0.75	x	0.5		2	Cft
W	3	x	4	x	0.75	x	0.5		5	Cft
							Total		**60**	**Cft**
				Net Total (601-90)					**493**	**Cft**

@ 30913.00 %Cft Rs 152382/-

ploythene sheet 500 gauge.
Same as item No. 4 above.

									·55	Sft		
								Total	55	Sft		
								@	5565.90	%Sft	Rs	3061/-

9 P/L RCC work 1:2:4 complete in all respects excluding cost of steel including curring. —

Lintel	D	1	x	6.5	x	0.75	x	0.5		2	Cft		
	W	3	x	4	x	0.75	x	0.5		5	Cft		
Roof		1	x	15.5	x	15.5	x	0.415		100	Cft		
								Total	107	Cft		
								@	559.20	P-Cft	Rs	59634/-

10 Fabrication of MS reinforcement for CC including cutting bending laying in position using deformed bar.

	107	x	6.75	x	0.454		327	Kgs		
					Total	327	Kgs			
					@	31460.05	%Kg	Rs	102812/-	

11 Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height. (1:3)

Roof	1	x	14	x	14		196	Sft		
						Total	196	Sft		
						@	3762.55	%Sft	Rs	7375/-

12 1/2" thick cement plaster 1:5 on walls.

Walls	4	x	14	x	11		616	Sft		
Front step	1	x	4	x	3.5		14	Sft		
Parapit	4	x	14	x	2.25		126	Sft		
						Total	756	Sft		
						@	3135.90	%Sft	Rs	23707/-

13 Filling watering ramming earth under floor with surplus earth excavated from foundation.

	420	x	0.67		279	Cft		
				Total	279	Cft		
				@	5107.85	%Cft	Rs	1427/-

14 Filling watering ramming earth under floor with New Earth lead upto 01 mile.

Room	1	x	14	x	14	x	2.50	490	Cft		
Plinth	2	x	20	x	2.25	x	1.5	135	Cft		
" ' "	2	x	15.5	x	2.25	x	1.5	105	Cft		
						Total	730	Cft			
						@	16014.50	%Cft	Rs	11685/-	

15 S/Filling sand under floor.

Room	1	x	14	x	14	x	0.333	65	Cft		
Plinth	2	x	20	x	2.25	x	0.25	23	Cft		
" ' "	2	x	15.5	x	2.25	x	0.25	17	Cft		
						Total	105	Cft			
						@	2824.60	%Cft	Rs	2972/-	

16 P/L watering and ramming brick ballast 1-1/2" to 2" (40mm to 50mm) gauge mixed with 25% sand for floor foundation complete in all respect.

Same as item No. 12 above.

						105	Cft		
					Total	105	Cft		
					@	9297.20	%Cft	Rs	9781/-

17 Providing and laying conglomerate flooring (two coat work) with top layer of ½" thick wearing surface consisting of one part of cement and 2 parts of stone chips passing 3/16" sieve over bottom layer of cement concrete 1:3:6 i/c surface finishing and dividing into pannels 1-1/2" thick

Room	1	x	14	x	14		196	Sft		
Plinth	1	x	21.5	x	3		65	Sft		
" "	1	x	15.5	x	3		47	Sft		
						Total	307	Sft		
						@	7703.45	%Sft	Rs	23650/-

18 Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels. Size 1½" x 3/8"

	307	x	2/3		205	Rft		
				Total	205	Rft		
				@	15.85	P. Rft	Rs	3244/-

mortor 1:3 laid over 2" thick earth over thermapore sheet 3/4" thick and ploythene sheet 500 gauge.

	1	x	14	x	14		196	Sft
					Total		196	Sft
					@	11307.95	%Sft Rs	22164/-

20 Top Khuras on roof 2'x2'x4"

		1	Nos
Total		1	**Nos**
@	865.75	Each Rs	866/-

21 P.V.C pipe 4" dia
Rain water pipe   1   x   14

		14	Rft
Total		14	**Rft**
@	440.95	P. Rft Rs	6173/-

22 Providing and installing P.V.C. bends, of B.S.S. class " B" 4"dia

		2	Nos
Total		2	**Nos**
@	546.30	Each Rs	1093/-

23 Cement pointing 1:3 struck joints on wall withred oxide pigment.

External	4	x	15.5	x	13		806	Sft
Toe Wall	4	x	21.5	x	1.5		129	Sft
					Total		935	**Sft**

D/d doors & windows

Door	1	x	6	x	7		42	Sft
W	3	x	4	x	4		48	Sft
					Total		90	**Sft**
				Net Total (689 - 55)			845	**Sft**
					@	3357.65	%Sft Rs	28372/-

24 P/F Iron door comprising of specified leaves made of 1-1/4"x1-1/4"x3/16" MS angle iron for leaf frame, diagonal and horizontal braces duly welded with MS. sheet 18-SWG i/c the cost of sliding bolt, tower bolt and painting 3-coats but excluding the cost of Chowkat complete in all respect as approved and directed by the Engineer incharge.(i) Single Leaf

	1	x	6	x	7		42	Sft
					Total		42	**Sft**
					@	1006.70	P-Sft Rs	42281/-

25 Providing and fixing windows consisting of M.S. box section frame 2"x1½", (50x40mm) leaves frame 1½"x1" (40x25mm) box section frame for glazing 3/8"x3/8" (10x10mm) using 16 SWG sheet 'U' shaped rubber supported with 1"x1/8" (25x3mm) M.S. flat for fixing 3/16" (5 mm) thick glass panes M.S. box section ½"x½" (13x13mm) of 16 SWG for fixing 24 SWG wire gauze on outer side by means of ¾"x1/8" (20x3mm) M.S. flat and screws including grill of M.S. flat ½"x1/8" (13x3mm) or ¼"x¼" (6x6mm) square bar with independent frame of ½"x½" (13x13mm) box section of 16 SWG i/c all C.P. fitting and painting 3 coats complete in all respect.

W	3	x	4	x	4		48	Sft
					Total		48	**Sft**
					@	1611.10	P-Sft Rs	77333/-

27 Distempering three coats on new surface.

Roof	1	x	14	x	14		196	Sft
Walls	4	x	14	x	11		616	Sft
					Total		812	**Sft**
					@	1309.95	%Sft Rs	10637/-

28 Providing and hoisting vertical /horizontal type storage tank of required capacity made of rotationally molded from (HDPE), double ply polye thelene of approved manufacturer i/c cost of making connection for inlet /outlet pipe, float valve i/c all cost of specials & labour complete in all respect as approved and directed by the Engineer Incharge.

	1	x	2	x	500		1000	Gln
	1	x	1	x	300		300	Gln
					Total		1300	Gln
					@	106.75	P-Gln Rs	138775/-

30 Provision for E.I.

1 No @ 27520 ,= Rs 27520/-

1 No @ 26930 ,= Rs 26930/-

TOTAL Rs 932199/-

SAY Rs 932200/-

Sub-Engineer

Sub Divisional Officer,
Buildings Sub Division,
Yazman.

Executive Engineer,
Buildings Division,01
Bahawalpur.

DETAILED ESTIMATE FOR PROVIDING INTERNAL E.I.

1. S/E of P.V.C. pipe for wiring recessed in walls i/c inspection boxes hooks cutting, jharries and repairing surface etc.

   i) 3/4" dia pipe = 100 Rft
   @ 83.70 P.Rft = 8370 /-

2. S/E of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S.conduit/G.I pipe/ Wooden strip batten/wooden casing and capping/G.I wire/trenches 250/440 volts, PVC insulated cable.(rate for only cable)

   i) 3/0.029" = 300 Rft
   @ 26.10 P.Rft = 7830 /-

3. S/E of M.S sheet box of 16 SWG 3/16" thick backlight sheet top for recessed wiring 4" deep i/c making holes for regulator switches plugs etc.
   i) 4" x 4" board. = 1 Nos.
   @ 277.10 Each 277 /-

   iii) 7" x 4" = 1 Nos.
   @ 380.50 Each 381 /-

4. P/F of switches 5 Amp Paino Type = 4 Nos.
   @ 73.30 Each = 293 /-

5. S/E 3 pin 5 Amp wall socket = 1 Nos.
   @ 91.50 Each = 92 /-

6. S/E of botton holder Bakelite large size = 1 No.
   @ 54.55 Each 55 /-

7. Earthing of iron clad/aluminiun switches. Etc. with G.I wire No. 8SWG in G.I. pipe 1/2" dia recessed or on surfae of wall and floor, complete with 1.5 metre long G.I pipe 2" dia with reducing socket 4 to 5 metre belos gound level and 2 metre away form building:-
   = 1 Jobs
   @ 9635.15 P.Job = 9635 /-

   Total:- 26932 /-

   Say:- 26930 /-

Sub Engineer.

Sub Divisional Officer,
Buildings Sub Division,01,
Bahawalpur.

Executive Engineer,
Buildinds Division,01,
Bahawalpur.

ABSTRACT OF COST

1 Provision of Facade Uplifting /Elevation Uplifting
Single Window   14 Nos   @   131800 = Rs.   1845200 /-

2 Provision of Facade Uplifting /Elevation Uplifting
Gynee & Peads   1 Job   @   3123500 = Rs.   ~~3123500~~ /-
3695700/-

3 Provision of Facade Uplifting /Elevation Uplifting
Indoor & O.P.D   1 Job   @   2139800 = Rs.   ~~2139800~~ /-
2082900/-

Total:- = Rs.   ~~7108500~~ /-
7023800/-

SAY Total:- = Rs.   ~~7108500~~ /-
7023800/-

Sub Engineer

Sub Divisional Officer,
Buildings Sub Division,
Yazman.

Executive Engineer,
Buildings Division,01,
Bahawalpur.

1 Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m)By M annual in ordinary soil

1	x	7 1/8	x	2 1/8	x	1 1/2			23	Cft	
						Total		**23**		**Cft**	
						@		**10712.60**		**%0Cft**	**Rs. 246/-**

2 Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- 1:6:12

1	x	7 1/8	x	2 1/8	x	1/2		8	Cft	
						Total		**8**	**Cft**	
						@	**21099.80**		**%Cft**	**Rs. 1688/-**

3 Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):1:2:4

1	x	7 1/8	x	2 1/8	x	1/4		4	Cft	
						Total		**4**	**Cft**	
						@	**38219.00**		**%Cft**	**Rs. 1529/-**

4 Reinforced cement concrete in roof slabs beams columns lintels, girders and other structural members laid in situ or pre-cast laid in position or pre-stressed members cast in situ complete in all respects. Type B (nominal mix 1: 1½: 3) with shuttering

Bottom	1	x	6 1/8	x	1 1/8	x	5 3/4		40	Cft
pillar	2	x	1 1/8	x	1 1/8	x	8 1/8		21	Cft
top	1	x	6 1/8	x	1 1/8	x	1 1/8		8	Cft
							Total	**69**		**Cft**
							@	**615.05**		**P.Cft**	**Rs. 42438/-**

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

69	x	6.75	x	0.454		211	Kgs	
					Total	**211**	**Kgs**	
					@	**31460.05**	**%Kgs**	**Rs. 66381/-**

6 Cement plaster 1:4 upto 20' (6.00 m) height: 1/2" thick

bottom	1	x	1	x	6 1/8	x	5 3/4			35	Sft
side	1	x	2	x	1 1/8	x	5 3/4			13	Sft
inside top	1	x	1	x	3 7/8	x	1 1/8			4	Sft
pillar	2	x	2	x(	1 1/8	+	1 1/8	)x	8.125	73	Sft
top	1	x	2	x(	6 1/8	+	1 1/8	)x	1.125	16	Sft
							Total		**141**	**Sft**	
							@	**3285.45**		**% Sft**	**Rs. 4632/-**

7 Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, complete in all respect: 2- Coat to new surface.
Takeing Same as Qty item Above

	141	Sft	
Total	**141**	**Sft**	
@	**5292.95**	**% Sft**	**Rs. 7463/-**

8 Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. Or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor.(220-Km from Sakhi sarwar Quarry) to hasilpur

69	x	88	/	100	61	Cft
			Total		**61**	**Cft**
			@	**12161.75**	**% Cft**	**Rs. 7419/-**
					Total	**Rs. 131796/-**
					Say	**Rs. 131800/-**

Sub Engineer

Sub Divisional Officer
Buildings Sub Division
Yazman.

Executive Engineer
Buildings Division No.1
Bahawalpur.

ANALYSIS OF FRONT ELEVATION FOR GYNEE & PEADS

1 Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m)By M annual in ordinary soil

pillar Large	6	x	3 1/2	x	2	x	2		84	Cft	
pillar small	4	x	2	x	2	x	2		32	Cft	
							Total		**116**	**Cft**	
							@	10712.60		**%0Cft**	**Rs. 1243/-**

2 Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- 1:6:12

pillar Large	6	x	3 1/2	x	2	x	1/2		21	Cft	
pillar small	4	x	2	x	2	x	1/2		8	Cft	
							Total		**29**	**Cft**	
							@	21099.80		**%Cft**	**Rs. 6119/-**

3 Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):1:2:4

pillar Large	6	x	3 1/2	x	2	x	1/4		11	Cft	
pillar small	4	x	2	x	2	x	1/4		4	Cft	
							Total		**15**	**Cft**	
							@	38219.00		**%Cft**	**Rs. 5733/-**

4 Reinforced cement concrete in roof slabs beams columns lintels, girders and other structural members laid in situ or pre-cast laid in position or pre-stressed members cast in situ complete in all respects. Type B (nominal mix 1: 2: 4) with shuttering

pillar base	6	x	3 1/2	x	2	x	1 1/4		53	Cft	
pillar base	4	x	2	x	2	x	1 1/4		20	Cft	
pillar Large	6	x	2 1/4	x	1 1/8	x	15		228	Cft	
pillar small	4	x	1 1/8	x	1 1/8	x	15		76	Cft	
cross beam	12	x	5 1/8	x	1 1/8	x	1 1/8		78	Cft	
beam Front	2	x	44	x	1 1/8	x	2 1/2		248	Cft	
beam Front	1	x	27	x	1 1/8	x	2 1/2		76	Cft	
beam small	2	x	12 1/4	x	1 1/8	x	1 1/8		31	Cft	
beam small	2	x	6 5/8	x	1 1/8	x	1 1/8		17	Cft	
							Total	**827**		**Cft**	
							@	559.20		**P.Cft**	**Rs. 462458/-**

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

	827	x	6.75	x	0.454		2534	Kgs
						Total	**2534**	**Kgs**
						@	31460.05	**%Kgs**	**Rs. 797198/-**

6 Cement plaster 1:4 upto 20' (6.00 m) height: 1/2" thick

pillar Large	6	x	2	x(	2 1/4	+	1 1/8	)x	15		608	Sft	
pillar small	4	x	2	x(	1 1/8	+	1 1/8	)x	15		270	Sft	
cross beam	12	x	2	x(	1 1/8	+	1 1/8	)x	4		216	Sft	
beam Front	2	x	2	x(	2 1/4	+	1 1/8	)x	44		594	Sft	
beam Front	1	x	2	x(	2 1/4	+	1 1/8	)x	27		182	Sft	
beam small	2	x	2	x(	1 1/8	+	1 1/8	)x	12.25		110	Sft	
beam small	2	x	2	x(	1 1/8	+	1 1/8	)x	6.625		60	Sft	
								Total		**2,040**	**Sft**	
								@	3285.45		**% Sft**	**Rs. 67023/-**

7 Providing and laying Prepolished Granite of specified thickness and shade of full width of approved quality laid with adhesive bond over 3/4" thick (1:2) cement sand mortor bed, complete in all respect as approved and directed by the Engineer Incharge.(ii) 1/2" thick

Front pillars	4	x	2	x(	1 1/2	+	1 1/2	)x	12		288	Sft	
								Total		**288**	**Sft**	
								@	1184.70		**P.Sft**	**Rs. 341194/-**

ANALYSIS OF FRONT ELEVATION FOR O.P.D & INDOOR BLOCK

1 Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m)By M annual in ordinary soil

pillar Large	2	x	3 1/2	x	2	x	2			28	Cft
pillar small	2	x	2 1/2	x	2	x	2			20	Cft
pillar small	4	x	2	x	2	x	2			32	Cft
								Total		**80**	**Cft**
								@	10712.60	%OCft		Rs. 857/-

2 Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- 1:6:12

pillar Large	2	x	3 1/2	x	2	x	1/2		7	Cft
pillar small	2	x	2 1/2	x	2	x	2		20	Cft
pillar small	4	x	2	x	2	x	1/2		8	Cft
							Total	**35**	**Cft**
							@	21099.80	%Cft	Rs. 7385/-

3 Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):1:2:4

pillar Large	2	x	3 1/2	x	2	x	1/4		4	Cft
pillar small	2	x	2 1/2	x	2	x	2		20	Cft
pillar small	4	x	2	x	2	x	1/4		4	Cft
							Total	**28**	**Cft**
							@	38219.00	%Cft	Rs. 10701/-

4 Reinforced cement concrete in roof slabs beams columns lintels, girders and other structural members laid in situ or pre-cast laid in position or pre-stressed members cast in situ complete in all respects. Type B (nominal mix 1: 2: 4) with shuttering

pillar base	2	x	3 1/2	x	2	x	1	1/4		18	Cft
pillar base	2	x	2 1/2	x	2	x	1	1/4		13	Cft
pillar base	4	x	2	x	2	x	1	1/4		20	Cft
pillar Large	2	x	2 1/4	x	1 1/8	x	16			81	Cft
pillar small	2	x	1 1/8	x	1 1/2	x	19	1/4		65	Cft
pillar small	4	x	1 1/8	x	1 1/8	x	15			76	Cft
cross beam	4	x	7 1/8	x	1 1/8	x	1	1/8		36	Cft
beam Front	1	x	39 1/2	x	1 1/8	x	2	1/2		111	Cft
beam small	2	x	19 3/4	x	1 1/8	x	1	1/8		50	Cft
beam small	2	x	9	x	1 1/8	x	1	1/8		23	Cft
								Total		**493**	**Cft**
								@		559.20	**P.Cft**	Rs. 275686/-

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

	493	x	6.75	x	0.454			1511	Kgs
						Total		**1511**	**Kgs**
						@	31460.05	%Kgs	Rs. 475361/-

6 Cement plaster 1:4 upto 20' (6.00 m) height: 1/2" thick

pillar Large	2	x	2	x(	2 1/4	+	1 1/8	)x	16		216	Sft
pillar small	2	x	2	x(	1 1/2	+	1 1/8	)x	19.25		202	Sft
pillar small	4	x	2	x(	1 1/8	+	1 1/8	)x	15		270	Sft
cross beam	4	x	2	x(	1 1/8	+	1 1/8	)x	6		108	Sft
beam Front	1	x	2	x(	2 1/4	+	1 1/8	)x	39.5		267	Sft
beam small	2	x	2	x(	1 1/8	+	1 1/8	)x	19.75		178	Sft
beam small	2	x	2	x(	1 1/8	+	1 1/8	)x	9		81	Sft
									Total		**1,322**	**Sft**
									@	3285.45	% Sft	Rs. 43434/-

7 Providing and laying Prepolished Granite of specified thickness and shade of full width of approved quality laid with adhesive bond over 3/4" thick (1:2) cement sand mortor bed, complete in all respect as approved and directed by the Engineer Incharge.(ii) 1/2" thick

Front pillars	4	x	2	x(	1 1/2	+	1 1/2	)x	15		360	Sft
									Total	**360**	**Sft**
									@	1184.70	**P.Sft**	Rs. 426492/-

8 Providing and Fixing Stainless Steel Edging at Corner of Coloumns Complete in all respect as approved by Engineer In charge:-

							192	Rft	
	16	x	12			**Total**	**192**	Rft	
					@	1596.00	**P.Rft**	**Rs. 306432/-**

9 Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, complete in all respect: 2- Coat to new surface.

			1322	Sft	
Takeing Same as Qty item# 7&8 Above	**Total**	**1,322**	**Sft**	
	@	5292.95	**% Sft**	**Rs. 69973/-**

10 Providing and Fixing Horizontal Louvers Stainless Steel Pipe Complete in all respect as approved by Engineer In charge:-

					35	Rft	
1	x	35			35	Rft	
5	x	4 1/2			23	Rft	
			Total	**58**	Rft	
		@	2368.45	**P.Rft**	**Rs. 137370/-**

11 Providing and Fixing 12 mm thick Tempered Glass Roof i/c Alumium Frame Complete in all respect as approved by Engineer In charge:- *km ʃ ʒʊʰjɒ ʒʃ*

						222	Sft	
1	x	19 3/4	x	11 1/4		222	Sft	
				Total	**222**	Rft	
	12/44,28	@	~~1500.00~~	**P.Sft**	**Rs. ~~333281~~/-**

276446/
276446/

12 Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. Or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor.(220-Km from Sakhi sarwar Quarry) to Yazman

						434	Cft	
493	x	88	/	100		434	Cft	
				Total	**434**	**Cft**	
			@	12161.75	**% Cft**	**Rs. 52782/-**

Total	Rs. ~~2439754~~/-
	2082919/=
Say	Rs. ~~2139800~~/=
	2082900/-
	2082900/-

Sub Engineer

Sub Divisional Officer
**Buildings Sub Division
Yazman.**

Executive Engineer
Buildings Division No.01,
Bahawalpur

ANALYSIS OF FRONT ELEVATION FOR 3-PILLERS

1 Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m)By M annual in ordinary soil

	1	x	7 3/4	x	3	x	2		47	Cft	
							Total		**47**	**Cft**	
							@		10712.60	%OCft	**Rs. 503/-**

2 Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- 1:6:12

	1	x	7 3/4	x	3	x	1/2		12	Cft	
							Total		**12**	**Cft**	
							@		21099.80	%Cft	**Rs. 2532/-**

3 Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):1:2:4

	1	x	7 3/4	x	3	x	1/4		6	Cft	
							Total		**6**	**Cft**	
							@		38219.00	%Cft	**Rs. 2293/-**

4 Reinforced cement concrete in roof slabs beams columns lintels, girders and other structural members laid in situ or pre-cast laid in position or pre-stressed members cast in situ complete in all respects. Type B (nominal mix 1: 2: 4) with shuttering

beam	1	x	7 3/4	x	3	x	1 1/4	29	Cft	
pillar	3	x	1 1/8	x	1 1/2	x	18 1/4	92	Cft	
						Total		**121**	**Cft**	
						@		559.20	**P.Cft**	**Rs. 67663/-**

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

	121	x	6.75	x	0.454		371	Kgs	
					Total		**371**	**Kgs**	
					@		31460.05	%Kgs	**Rs. 116717/-**

6 Cement plaster 1:4 upto 20' (6.00 m) height: 1/2" thick

piller	3	x	2	x	1 1/8	x	18 1/4	123	Sft	
piller	3	x	2	x	1 1/2	x	18 1/4	164	Sft	
						Total		**287**	**Sft**	
						@		3285.45	% Sft	**Rs. 9429/-**

7 Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, complete in all respect: 2- Coat to new surface. Takeing Same as Qty item# 7&8 Above

							287	Sft	
						Total	**287**	**Sft**	
						@	5292.95	% Sft	**Rs. 15191/-**

8 Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. Or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor.(220-Km from Sakhi sarwar Quarry) to hasilpur
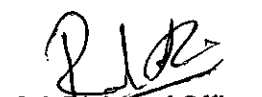
	121	x	88	/	100		106	Cft	
					Total		**106**	**Cft**	
					@		12161.75	% Cft	**Rs. 12891/-**
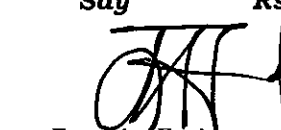
Total	**Rs. 227219/-**
Say	**Rs. 227200/-**

Sub Engineer	Sub Divisional Officer Buildings Sub Division Yazman.	Executive Engineer Buildings Division No.01, Bahawalpur
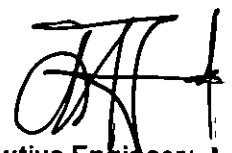
ANTI-BETERIAL SHEET
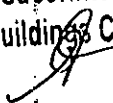
1- Providing and Fixing 2-mm Lead lining witj wooden paneling in Radiology Department complete in all respect as approved by the Engineer Incharge.

		1	Sft		
@	2400	P.Sft	Rs.	2400/-
add Contractor Profit	200		Rs.	200/-
	Total		Rs.	2600/-
	SAY		Rs.	2600/-

Sub Engineer.

Sub Divisional Officer,
Buildings Sub Division,
Yazman

Executive Engineer,
Buildings Division No.01,
Bahawalpur.

Superintending Engineer
Buildings Circle Bahawalpur

HUSSAIN TRADING CORPORATION

Ref No: HTC/8947/22
NTN: 7583416

August 15, 2022

**The SDO Building,
Bahawalpur.**

Respected Sir,

SUB: <u>2mm Lead lining with wooden paneling in Radiology department.</u>

With great honor, we are pleased to quote our best prices for the supply and installation of the lead lining and wooden partition at your advised premises.

S.#	Description	Area (Sq.ft)	Rate	Amount
01	2mm Lead Lining with wooden paneling in Radiology department	2640	2400	6,336,000/-

We hope this quotation will meet your entire satisfaction, and waiting to hear from you soon.

Yours truly,

For, Hussain Trading Corporation

Sajjad Saeed
Managing Partner

41-B-3, PIA Road, Johar
Town, Lahore.
htcmodular@gmail.com

ANTI-BETERIAL SHEET

1- Providing and Fixing Anti-Becterial Homugenius Full Body Floor Sheet of Prime master i/c mechanical installation complete in all respect as approved by the Engineer

		1 Set		
	@	1163448 P-Set	Rs.	1163448/-
add 20% Contractor Profit		232690	Rs.	232690/-
		Total	Rs.	1396138/-
		SAY	Rs.	1396100/-

| Covered Area | = | 1243 Sft | | |
| Rate Per Sft | = | 1123 Sft | Rs. | 1123/- |

Sub Engineer.

Sub Divisional Officer,
Buildings Sub Division,
Yazman

Executive Engineer,
Buildings Division No.01,
Bahawalpur.

Supply and installation premimum 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 Channael of size 3.5"X 2"X3.5" duly screwed on wall i/c the cost of hardwares as approved and directed by the Engineer In-charge

(b) 2.5mm thick

OT. 2(18+20)×12 = 912 Sft @ 2120/- = 831744/-

Supply and installation of Clip-in tile of specified thickness non-porous Alumnium false ceiling of specified size fitted with 'Clip-in' suspension system hanged on Concealed T/Shiplap edge/runners @ 600 mmX600 mm grid,Edge Trims fasten on wall with plug and screw @ 500 mm c/c i/c cutting charges of tiles to required size,suspension rods and joints sealed with silicon if required of DAMPA/Demark, as approved and directed by the Engineer Incharge.

(b) Bevelled edges & flange 21.5 mm
(iii)600 mmX 600 mm

OT 1.8× 20 = 360 Sft @ 850/- 306000/-

Supply and installation anti microbial Hygenic flooring (with anti bacterial agent) conforming to (ISO:22196) of specified thickness duly welded with thermoplastic equipment placed over self levelling adhesive as approved and directed by the Engineer Incharge.

(a) Cementitious Urethane
(b) Epoxy
(c) Polyurethane
(d) Urethane

OT 18×20 = 360 Sft @ 550/- 198000/-

1335744/-

(P1) 50   گوشن برانے پلستی   Date ____

السٹرنگلو اینجیئر پلاؤننگ کو سٹرنر ا

شنیب فلور تھیل پیڈ کداؤ رسپال نرڑان

نوفیل فلور

ایبورڈ انٹی بیٹیرل پر سو جنشی فل یاڈی فلور

چوٹالن فلور   2 نٹر

لیمبان رڈل   25 ملم

چوٹان موٹور   2mm

نقفیل سیالنش

آپریلشن کوٹر ➞ 18 × 20 = 5-19 × 21 = 4٠٠ → 410

ڈلیوری رجم = 13-65 × 18 = 5-19 × 14-75 = 288

لیبر روک = 13-65 × 12 = 5-19 × 14-75 = 288

سکربا = 12 × 8 = 13 × 9 = 117

اسٹراشلنش = 12 × 9 = 66 × 13 = 05-75 × 13 = 140

0313-7900000 روشن شفیق ہاؤس انیس ہاؤس

0312-5800000

Prime Master Interior & Decor Bahawalpur

51 (P-2)   برائے پبلسٹی   Date 25-07-022

مارہ پیما لسٹ

12-43

میریٹ گز ہر بروقت   = 800/00

-994400 ── 00   = 1243 × 800/00

-169048 ── 00   = 17% جی ایس ٹی

1163448 ── 00

یہ ضمنٹ ایک ماہ کے لیے ہے 25-07-022 سے 25-08-022 تک

تمام لین دین بینک اکاؤنٹ

اکاؤنٹ نمبر ──── 22030103180576   میزان

Prime Master
INTERIOR & DECOR

دال پیپرز، پی وی سی وال پینل، ووڈن پلور، وینائل پلور، کلاتھ کرتن، چشم سیلنگ، 3D وال اسٹکر، ہمہ قسم بلائنڈرز

Near Muhammadi General Store, Model Town "B" Bahawalpur

Sub Divisional Officer
Buildings Sub Division
Yazman

WATER FILTRATION PLANT
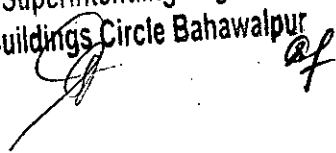
1-   Providing and installation R.O Drinking Water Plant i/c
     Operation and mantenance for 12-months i/c mechanical
     installation complete in all respect as approved by the
     Engineer Incharge.

		1	Set		
	@	2381360	P-Set	Rs.	2381360/-
add 17% GST		404831		Rs.	404831/-
add 20% CONTRACTOR PROFIT		476272		Rs.	476272/-
		Total		Rs.	3262463/-
		SAY		Rs.	3262500/-

Sub Engineer.

Sub Divisional Officer,
Buildings Sub Division,
Yazman

Executive Engineer,
Buildings Division No.01,
Bahawalpur.

Superintending Engineer
Buildings Circle Bahawalpur

SAFE WATER TECH (PVT) LTD®
WATER PURIFICATION PRODUCTS

Water Purification & R.O Plants
Water Boosting System, Boilers
Water Softener & Swimming Pool
Plumbing Equipments

● . All Types of SS & MS Fabrication ●. Complete Range of Filling Units ●. Filling Lines of Water & Juices ● Machines for Beverage Industries

PROPOSAL

REVERSE OSMOSIS DRINKING WATER PLANT

With

ULTRA FILTRATION TECHNOLOGY
&
ARSENIC (POISION) FILTER UNIT

For

EXECUTIVE ENGINEER BUILDING DIVISION-1 BAHAWALPUR

Capacity up to 1000 Liters per hour
RAW WATER TDS: 3000 PPM Max.

PROPOSAL # SWT/1321/EEB-1

Date: 23-07-2022
PREPARED BY: MIRZA NAUMAN UL HAQ
SAFE WATER TECH (Pvt) Ltd
LAHORE

Plot # E-399-2A Gulistan Colony
Behind Al-Shifa Hospital Ghazi Road, Lahore
Cell: 0321-7777347, 0345-7885992
E-mail: mirzanauman1@gmail.com

Water
Quality
ASSOCIATION

Page 238

SAFE WATER TECH (PVT) LTD®
WATER PURIFICATION PRODUCTS

Water Purification & R.O Plants
Water Boosting System, Boilers
Water Softener & Swimming Pool
Plumbing Equipments

● All Types of SS & MS Fabrication ● Complete Range of Filling Units ● Filling Lines of Water & Juices ● Machines for Beverage Industries

COST:

RO Drinking Water Plant	RS.. 2,090,000/-
O & M For 12-Months	RS.. 291,360/-

TOTAL AMOUNT **RS.2,381,360/-**
(Providing & fixing at site)

STANDARD TERMS AND CONDITIONS:

Warranty	1-Year
Fitting	All PVC 1-Job
Delivery Time:	20-Days
Standard Payment Terms:	70% payment as an advance 30% after successful testing & commissioning

Thanking you and assuring you of our best professional services & co-operation.

Yours truly,

Mirza Nauman ul Haq
SAFE WATER TECH
M: 0321 7777 347
E: mirzanauman1@gmail.com

Sub Divisional Officer
Buildings Sub Division

Plot # E-399-2A Gulistan Colony
Behind Al-Shifa Hospital Ghazi Road, Lahore
Cell: 0321-7777347, 0345-7885992
E-mail: mirzanauman1@gmail.com

Water
Quality
ASSOCIATION

DETAILED ESTIMATE FOR PROVISION FOR 0.50 CUSEC TURBINE PUMP I/C BORING LOWERING ETC. AND PUMPING CHAMBER

ABSTRACT OF COST
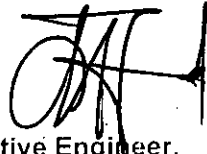
1 Providing Pumping Machinery 0.5- Cusec Turbine = Rs. 3135500 /-

2 Boring of Tube well and Lowering = Rs. 2590100 /-

Total:- = Rs. 5725600 /-

SAY Total:- = Rs. 5725600 /-

Sub Engineer

Sub Divisional Officer,
Buildings Sub Division,
Yazman.

Executive Engineer,
Buildings Division,01,
Bahawalpur.

PUMPING MACHINERY

1-. Providing and installation vertical line shaft turbine pumping machinery set 0.5- Cusec 8 FMC (4-stages) comperising of A.C electric motor of 20 B.H.P Seimens 1450 RPM complete to give discharge 0.5 Cusec against total Head 160 ft & total length of coloumn 100' i/c foundation and motor control unit SD 20 H.P, butterfly and reflex valves,mounting clamps and pressure gauge i/c mechanical installation complete in all respect as approved by the Engineer Incharge.

		1 Set		
@	2590000	P-Set	Rs.	2590000/-
add 20% Contractor Profit	518000.00		Rs.	518000/-
		Total	Rs.	3108000/-
Add for foundation Charges			Rs.	27520/-
		Total	Rs.	3135520/-
		SAY	Rs.	3135500/-

Sub-Engineer.

Sub Divisional Officer,
Buildings Sub Division,
Yazman

Executive Engineer,
Buildings Division No.01,
Bahawalpur.

Superintending Engineer
Buildings Circle Bahawalpur

150 YEARS
People. Passion. Performance.

KSB

QUOTATION
Vertical Line Shaft Turbine Pump
ALTA

Executive Engineer Building Division .1 Bahawalpur				
Ref:	Telephonic	Date	26.07.22	Our Ref: MEA 12741 (1)
No. of Pumps:	01	Pump Type	ALTA 260.60/4	Date 26.07.22

Capacity	0.50 cusec	Max. O.D of Bowl	10.23
Pump total head	160 FT	I.D tube wall	12 Inch
Bowl Assembly Head		Length of strainer	
Speed	1450 rpm	Length of suction pipe	
Bowl Input		Length of bowl assem.	
Line Shaft loss		Length of column pipe	100 ft
Pump Input		Length of Top pipe	1 ft
Prime Mover (SIEM V-1)	20 HP/4Pole	Total Length of colum.	101 ft
		Total length of pump	

Material Specifications
Pump Assembly

		Column pipe assembly	
Bowls	Cast Iron	column pipe	Steel
Impellers	Cast Iron	Shaft	Carbon Steel
Wearing ring	Cast Iron	Shaft Sleeve	Bronze
Shaft	Stainless Steel	Shaft couplings	Steel
Shaft Sleeves	Bronze	Bearings	Rubber Lined
Bearing	Bronze	Bearing retainer	Cast Iron
		Column pipe coupling	Cast Iron
		Top shaft dry	Stainless Steel

Component parts of each pumping unit					
Pump assembly of	4	stages with mixed flow type impeller full dia			
Column assembly of	4	inches ID. With flanged joints each 10 ft length	10	set	
		each 5 ft length		sets	
		each 2m length		sets	
		and one top set	1	foot length	
		shaft dia	25	mm	
Discharge head with	4	inches discharge branch type	1342 A	flange BSS with Priming Tank	

Price of pumping unit as specified above
ACCESSORIES:

(1) Motor Control Unit ASD-20 Make KSB	Included
(2) Cast Iron Sluice & Reflux Valve 4 Inch	Included
(3) Mech. & Electrical Installation with in the pump house w/o any civil works	Included

Price Per Set Inclusive of	17% GST	Rs.	2,590,000

Commercial Terms & Condition:

Delivery at:	Site
Delivery Time:	6 to 8 Weeks after receipt of firm order.
Validity:	30 days
Terms of Payment:	50% Advance, balance before delivery.

For KSB Pumps Company Limited

Sales Department

Working out the price of above mentioned engineered product should be acknowledged as KSB's prerogative. This Quotation will have no bearing on previously quoted prices anywhere or on prices to be quoted in future to any prospective client. After expiry of quotation's validity KSB reserve the right to change price as a result of market forces/manufacturing variables.
Procuring agency is requested to comply with all PPRA rules as it is its responsibility.

S B

DETAILED OF TURBINE FOUNDATION

Sr. No.	Description	No.	L	W	D	Qty.	Amount (Rs.)

1- Cement concrete plain 1:2:4
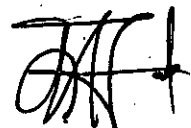
		1	6	6	2	72 Cft	
					Total	72 Cft	
					@	38219 %Cft	Rs. 27518/-

TOTAL Rs. 27518/-

SAY TOTAL Rs. 27520/-

Sub-Engineer.

Sub Divisional Officer,
Buildings Sub Division,
Yazman.

Executive Engineer,
Buildings Division, 01
Bahawalpur.

1. Direct Rotary/Reverse Rotary drilling of bore for tube wells in all types of soil except shingle, gravel and rock:-

   a) From G.L to 250 ft Depth

   15" to 18" size = 250 Rft

   @ 775.15 P.Rft = 193788 /-

   b) Exceeding from 250 ft Depth

   15" to 18" size = 50 Rft

   @ 775.15 P.Rft = 38758 /-

2. Furnishing samples from bore hole.

   Set of 2 bottle = 4 Sam.

   @ 183.95 P.Sam = 736 /-

3. Providing and installing M.S. Bail/End plug, in tubewell bore hole:- 10" i/d,

   1 No

   @ 6661.95 Each = 6662 /-

4. Providing and installing, brass strainer in tubewell bore hole, including sockets, special sockets, studs, etc complete:- 10" i/d, 1/4" thick

   = 100 Rft

   @ 11153.95 P.Rft = 1115395 /-

5. Providing and installing M.S. blind pipe socketed/welded joint, M.S. reducer (where necessary), in tubewell bore hole, including jointing/welding with strainer, complete:-

   a) 10" i/d = 100 Rft

   @ 4014.00 P.Rft = 401400 /-

   b) 12" i/d = 100 Rft

   @ 4729.95 P.Rft = 472995 /-

6. Shrouding with graded pea gravel 3/8" to 1/8" (10 to 3 mm), around tubewell in bore hole.

   a) 12" dia 1 x 3.14 x 1.5 x 1.5 x 300 = 530 Cft

   Total = 530 Cft

   Deduction 1 x 3.14 x 0.83 x 0.83 x200 /4 = 108 Cft

   1 x 3.14 x 1 x 1 x 100 /4 = 79 Cft

   Total = 187 Cft

   Net Total = 343 Cft

   @ 152.55 P.Cft = 52391 /-

7. Testing and developing of tubewell of size 6" (150 mm) Compressor, accessories along i/d and above continuously upto 1.5 cs. Discharge

   = 48 Hour

   @ 2828.55 P.Hour = 135770 /-

8. Providing strong substantially built box of D. wood 4 x 2½ x 9" size with ompartments lock and locking Arrangement for preserving samples from bore hole.

   = 1 Job

   @ 33509.00 P.Job = 33509 /-

4" dia placing = 20 Rft

@ 1945.00 P.Rft = 38900 /-

10 P/F sluice valve 4" of B.S.S "B" class squre qty and weight A.C.
    pipe.

= 2 Nos.

@ 18404.75 Each = 36810 /-

11 Providing and fixing, air valve 2½ (65mm) dia of B. S. S. ditto
    quality and weight complete with jointing material double).

= 1 Nos.

@ 11461.15 Each = 11461 /-

12 Supply and erection of copper conductor cables for service
    connection, in prelaid pipe/G.I. wire/trenches, etc. (rate for
    cable only):-c) PVC insulated, PVC sheathed 4 core, 660/1100
    volt non armoured cable:-

    a) 7/0.064" = 80 Rft

@ 643.55 P.Rft = 51484 /-

Total:- = **2590058 /-**

Say:- = **2590100 /-**

Sub Engineer.

Sub Divisional Officer,
Buildings Sub Division,
Yazman.

Executive Engineer,
Buildings Division, 01,
Bahawalpur.

UNIMIX

Quotation

To:
Executive Engineer
Buildings, Division-II, Bahawalpur.

Date: 01-09-2022
Due Date: 15-09-2022
Ref No: UNI-110798

Sr. No.	Description	Qty. (Sft)	Rate	Amount (Rs)
1	Gerflor Flooring Ambiance Ultra - Anti Bacterial Anti-Static Homogeneous 1 Group => best abrasion resistance TVOC after 28 days < 10Âµg/m3 => indoor air quality Exclusive and patented Evercare™ surface treatment => easy maintenance No wax for life and high stain resistance High performance homogeneous flooring Resistant to main chemical products used in healthcare. Installed with Self leveling compound Total Thickness: 2mm Roll Size: 66 x 6.6 = 430sqft	612	900	550,800
2	Antimicrobial Floor Walls Panels Resists to 320 kg at 3 km/h Panels Size: 9.8 feet height x 4.3 feet width Non-porous 100% antibacterial material suitable for high infection risk areas Welded joints possible for perfect water tightness between panels Floor with vinyl flooring Resists to standard cleaning, disinfection and antiseptic products (Anios and Bioquell test reports) Bs2d0 - Heavy traffic Antibacterial Sustainable Installation (without Frame)	1680	1500	2,520,000
3	Non porous Ceiling System Plenum Dampa Ceiling Porus 600mm x 600mm Thickness: 0.7mm	612	750	459,000
4	Cladding Cladding floor and wall cladding Porus 96in x 48in Thickness: 2mm	1504	2065	3,105,760
	Amount:			6,635,560

Conditions
1. 70% advance payment 20% on delivery and balance upon completion of work.
2. Above exclusive of all taxes.
3. All civil required will be under client's responsibility.
4. Final payment will be made as per actual material delivered at site after job completion.

Verified.

Name: Saleem
Phone Nr.: 227794
Email: unimix.com.pk

Sub Divisonal Officer
Buildings Sub Division
Hasilpur.

Executive Engineer
Buildings Division No.
Bahawalpur

389-G1, Johar Town Lahore. Ph:0423-5136800, Fax: 0092-42-36364990

Analysis of Rate

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

Analysis Purpose---------------- 10x10 = 100 Sft
Unit ------------------P.Sft
2nd Bi-Annual 2022

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

1x10x10	=	100 Sft	
5% wastages	=	5 "	
Total		**105 Sft**	
		@ 1500 P.Sft	157500

Total Rs:		157500
Add 20% contractor's profit and OHC	Rs:	31500
G.Total Rs:		189000

Rate P.Sft   189000 / 100 = 1890 P.Sft

~~Say Rs: = 1890 P.Sft~~

Executive Engineer
Buildings Division No.02,
Bahawalpur

Sub Divisional Officer,
Buildings Sub Division
Hasilpur.

Sub Engineer

Analysis of Rate:-

Providing And Fixing Stainless Steel Clading 20-Swg I/C Fixing With Screws On Columns/wall/Doors Complete In All Respects And As Approved By The Engineer Incharge

Analysis Purpose-------------------- 8x4 = 32 Sft
Unit --------------------P.Sft
2nd Bi-Annual 2022

a Providing And Fixing Stainless Steel Clading 20-Swg I/C Fixing With
On Columns/wall/Doors Complete In All Respects And As
Approved By The Engineer Incharge

1st knns 20Swg

1x8x4	=	32 Sft	
5% wastages	=	5 ,,	
Total		**37 Sft**	
		@ 1150 P.Sft	42550

Total	**Rs:**	**42550**
Add 20% contractor's profit and OHC	Rs:	8510
G.Total	**Rs:**	**51060**

Rate P.Sft   51060   /   32   = 1596 P.Sft

─────────────────────
Say Rs: = 1596 P.Sft
─────────────────────

Executive Engineer
Buildings Division No.02,
Bahawalpur

Sub Divisional Officer,
Buildings Sub Division
Hasil Pur.

Sub Engineer

Analysis of Rate:-

Providing and fixing 2"X2" Stainless Steel 14 SWG Corner Guard angle with bevelled corner and 0.8 mm bend at edges duly pasted with premium grade self-adhesive glue strips with excellent hold/(double sided Tape) as approved and directed by the Engineer Incharge.
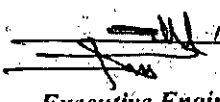
Analysis Purpose------------------ = 10 Rft
Unit -------------------P.Rft
2nd Bi-Annual 2022

a Providing and fixing 2"X2" Stainless Steel 14 SWG Corner Guard angle with bevelled corner and 0.8 mm bend at edges duly pasted with premium grade self-adhesive glue strips with excellent hold/(double sided Tape) as approved and directed by the Engineer Incharge.
Thicknes 14Swg

2"x2"		=	10 Rft		
	Total		**10 Rft**	770	7700
			@	~~375~~ P.Rft	~~3750~~
			Total Rs:		3750
	Add 20% contractor's profit and OHC		Rs:		~~750~~
					1420
			G.Total Rs:		4500

Rate P.Sft   4500   /   10   = ~~450~~ **850** Rft

Say Rs: = ~~450~~ **850** P.Sft

Executive Engineer
Buildings Division No.02,
Bahawalpur

Sub Divisional Officer,
Buildings Sub Division
Hasil Pur.

Sub Engineer

یامین خلجی

شٹر گیٹ پریس ایند گیٹ جالی ویلڈنگ ورکس

تاریخ ____ 1-9-2022

کوٹیشن

بنام ایس۔ ڈی۔ او۔ بلڈنگز سب ڈویژن حاصل پور

① سٹین لیس میٹل دیکل نڈ

$710 \times 750 = 1242500$

④ سٹین لیس میٹل شیٹ

$1150 \times 320 = 368000$

کل رقم

1610500

verified.

Sub Divisonal Officer
Buildings Sub Division
Hasilpur.

استیل گرل اینڈ ایلومینیم ورکس

☎ 0300-7850621 یامین خلجی ریلوے روڈ نزد غلہ گودام منڈی حاصل پور (بہاول پور)
☎ 0300-7421621 طارق خلجی

Executive Engineer
Buildings Division No-II
Bahawalpur

ANALYSIS OF FRONT ELEVATION FOR SINGLE WINDOW

1 Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m)By Mannual in ordinary soil

1	x	7 1/8	x	2 1/8	x	1 1/2		23	Cft	
						Total	**23**		**Cft**	
						@	10712.60	%0Cft		**Rs. 246/-**

2 Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- 1:6:12

1	x	7 1/8	x	2 1/8	x	1/2		8	Cft
						Total	**8**	**Cft**	
						@	21099.80	%Cft	**Rs. 1688/-**

3 Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):1:2:4

1	x	7 1/8	x	2 1/8	x	1/4		4	Cft
						Total	**4**	**Cft**	
						@	38219.00	%Cft	**Rs. 1529/-**

4 Reinforced cement concrete in roof slabs beams columns lintels, girders and other structural members laid in situ or pre-cast laid in position or pre-stressed members cast in situ complete in all respects. Type B (nominal mix 1: 1½: 3) with shuttering

Bottom	1	x	6 1/8	x	1 1/8	x	5 3/4		40	Cft	
pillar	2	x	1 1/8	x	1 1/8	x	8 1/8		21	Cft	
top	1	x	6 1/8	x	1 1/8	x	1 1/8		8	Cft	
							Total	**69**		**Cft**	
							@	615.05	P.Cft		**Rs. 42438/-**

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

69	x	6.75	x	0.454		211	Kgs	
					Total	**211**	**Kgs**	
					@	31460.05	%Kgs	**Rs. 66381/-**

6 Cement plaster 1:4 upto 20' (6.00 m) height: 1/2" thick

bottom	1	x	1	x	6 1/8	x	5 3/4				35	Sft
side	1	x	2	x	1 1/8	x	5 3/4				13	Sft
inside top	1	x	1	x	3 7/8	x	1 1/8				4	Sft
pillar	2	x	2	x(	1 1/8	+	1 1/8	)x	8.125		73	Sft
top	1	x	2	x(	6 1/8	+	1 1/8	)x	1.125		16	Sft
							Total			**141**	**Sft**	
							@		3285.45	% Sft		**Rs. 4632/-**

7 Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, complete in all respect: 2- Coat to new surface.

Takeing Same as Qty item Above 141 Sft

Total	**141**	**Sft**	
@	5292.95	% Sft	**Rs. 7463/-**

8 Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. Or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor.(220-Km from Sakhi sarwar Quarry) to hasilpur

69	x	88	/	100		61	Cft

Total	**61**	**Cft**	
@	12161.75	% Cft	**Rs. 7419/-**
		Total	**Rs. 131796/-**
		Say	**Rs. 131800/-**

Sub Engineer

Sub Divisional Officer
Buildings Sub Division
Yazman.

Executive Engineer
Buildings Division No.1
Bahawalpur.

8. ANNUAL OPERATING COST (POST COMPLETION)

Financial Components: Capital   **Grant Number:**Government Buildings - (PC12042)
Cost Center:OTHERS- (OTHERS)   **LO NO:**LO22010082
Fund Center (Controlling):LE4203   **A/C To be Credited:**Account-I

PKR Million

Sr #	Object Code	2025-2026		2026-2027		2027-2028		2028-2029		2029-2030	
		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   **Grant Number:**Government Buildings - (PC12042)
Cost Center:OTHERS- (OTHERS)   **LO NO:**LO22010082
Fund Center (Controlling):LE4203   **A/C To be Credited:**Account-I

PKR Million

Sr #	Object Code	2025-2026		2026-2027		2027-2028		2028-2029		2029-2030	
		Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign
1	**A12403**-Other Buildings	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	**A05270**-To Others	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**

8. Annual Operating and Maintenance Cost after Completion of the Project

The Annual operating and maintenance cost after completion of the project will be borne by the concerned District Health Authority (DHA) as well as Primary and secondary healthcare Department, Lahore.

9. DEMAND AND SUPPLY ANALYSIS

Semi modern health facilities and scientific diagnostics are presently available in this Hospital. This initiative of revamping Hospital will cover all departments and components of healthcare including Medical, Surgical, psychiatric, Cardiac, ENT, Ophthalmic and Pediatrician components. Moreover, women health components i.e. Gynecology and obstetric will also be emphasized upon. In emergency, calamities and natural disasters, valuable lives will be saved through revamping of Emergency Units.

10. FINANCIAL PLAN AND MODE OF FINANCING

10.1 FINANCIAL PLAN EQUITY INFORMATION

10.2 FINANCIAL PLAN DEBT INFORMATION

undefined

10.3 FINANCIAL PLAN GRANT INFORMATION

Attached

10. Financial Plan and Mode of Financing

The project will be executed / financed through Annual Development Program under the sector Primary and Secondary Healthcare Department, the Government of Punjab. Year wise financial utilization is as under:

Revenue Side

(Rs.in Million)

Year	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Funds Released	52.000	17.940	2.677	2.645	4.892	7.698	87.853
Utilization	19.237	17.819	2.599	2.465	4.842	1.058	48.019

Capital Side:

Year	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Funds Released	0	0	0	0	0	5.417	5.417
Utilization	0	0	0	0	0	0	0

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

10.4 WEIGHT COST OF CAPITAL INFORMATION

undefined

11. PROJECT BENEFITS AND ANALYSIS

11.1 PROJECT BENEFIT ANALYSIS INFORMATION

11.3 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.

11.3.1 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

Environmental Impact

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

11.3 PACT ANALYSIS

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 gazette and non-gazette posts will be available for employment directly or indirectly.

11.6 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, 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:

Indoor fee

Laboratory fees

Diagnostic facility fees

Dental fee

ECG fee

Private room charges

Ambulance charges

From other fees prescribed by Government

12. IMPLEMENTATION SCHEDULE

12.1 IMPLEMENTATION SCHEDULE/GANTT CHART

From September, 2017 to June, 2019

12.2 RESULT BASED MONITORING (RBM) INDICATORS

undefined

12.3 IMPLEMENTATION PLAN

Original Gestation period (From September, 2017 to June, 2019)

Extension in Gestation period for one year with no change in cost & Scope till June 2020.

1st Revised gestation period till June, 2021

2nd Revised gestation period till June, 2023.

3rd Revised gestation period till June, 2025

12.4 M&E PLAN

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

12.5 RISK MITIGATION PLAN

Attached

RISK REGISTER
Programme for Revamping of all 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

12.6 PROCUREMENT PLAN

undefined

13. MANAGEMENT STRUCTURE AND MANPOWER REQUIREMENTS

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

14. ADDITIONAL PROJECTS / DECISIONS REQUIRED

NA

15. CERTIFICATE

Focal Person Name: Mr. KHIZAR HAYAT   **Designation:**Project Director, PMU P&SHD

Email: **Tel. No.:**

Fax No:

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

15. It is certified that the project titled "**Revamping of THQ Hospital** _Yazman_ **(3rd Revised)**" has been prepared on the basis of instruction provided by the Planning Commission for the preparation of PC-I for Social Sector projects.
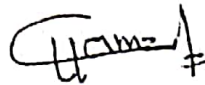
Prepared By:

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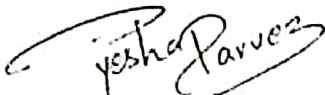(042-99231206)
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(Oct-2022)

(KHIZAR HAYAT)
PROJECT DIRECTOR (PMU),
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(Oct-2022)

Approved By:

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

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17. RELATION WITH OTHER PROJECTS