



PC-1

Revamping of THQ Hospital, Kotli Sattian District Rawalpindi

ORIGINAL APPROVED COST	PKR Million. 328.367/-
ORIGINAL APPROVED GESTATION	72 Months Till June 2025
APPROVAL FORUM	DDSC (DDSC)

1. NAME OF THE PROJECT

Revamping of THQ Hospital, Kotli Sattian District Rawalpindi

2. LOCATION OF THE PROJECT

2.1. DISTRICT(S)

I. RAWALPINDI

3. AUTHORITIES RESPONSIBLE FOR

3.1. SPONSORING AGENCY

- PRIMARY AND SECONDARY HEALTH CARE

3.2. EXECUTION AGENCY

- PRIMARY AND SECONDARY HEALTH CARE

3.3. OPERATIONS AND MAINTENANCE AGENCY

- PRIMARY AND SECONDARY HEALTH CARE

3.4. CONCERNED FEDERAL MINISTRY

- NATIONAL HEALTH SERVICES, REGULATIONS AND COORDINATION

3	AUTHORITIES RESPONSIBLE 3.1 Sponsoring 3.2 Execution 3.3 Operation & Maintenance 3.4 Concerned Federal Ministry	Government of the Punjab, Primary and Secondary Healthcare Department PMU for Revamping Program of Primary and Secondary Healthcare Department, District Health Councils and C&W Department. PMU for Revamping Program of Primary and Secondary Healthcare Department and District Health Authority 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: 5246
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 Qaddafi 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. Parking and waiting areas on several places of hospital were then proposed according to the design.

5.3.1.8 External Signage

External signage system 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 Emergency Department:

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 General Overview of Emergency Department

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

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

5.3.3.1.2 Position of Emergency Department

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

MSDS implementation is a complex procedure. Because it requires

1. Capacity building for understanding, development and continuous implementation of MSDS.
2. Ecosystem for establishing its implementation by full cooperation, collaboration, commitment of
3. Continuous monitoring
4. Continuous audit
5. Continuous training, refresher courses with purpose of reinforcement
6. Continuous quality improvement
7. Continuous 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, paedes, ophthalmology, derma, TB, urology, patient transfer system, store and purchase, audit and accounts, procurement, planning etc. We are also in process of preparing manuals, SOPS, plans, universal forms, and universal registers with universal tracking system of record.
9. We have developed an application for continuous monitoring of MSDS compliance.

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

5.3.3.3 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 X-Ray

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 CCU

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 Dialysis Unit

Chronic kidney disease is now a significant public health problem worldwide. Chronic kidney disease globally affects almost 10 % of general population with Incidence in prevalence of disease are still rising especially in

developing countries .The rise in chronic kidney disease is by aging of the populations and growing problems of obesity, diabetes, high blood pressure and cardiovascular diseases.

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.

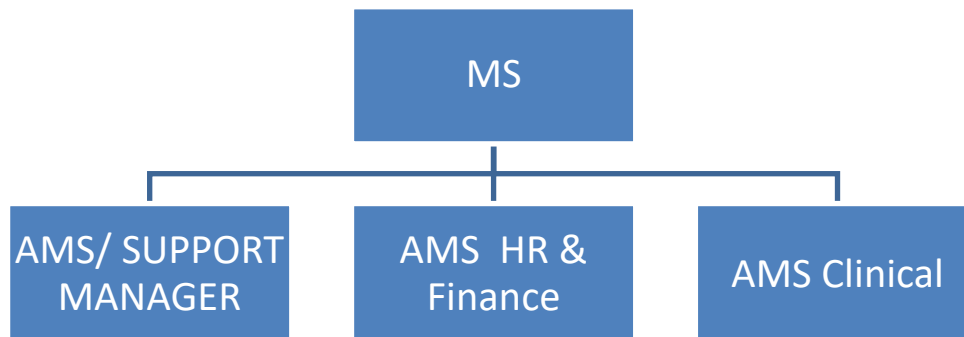
5.4.5 Security

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

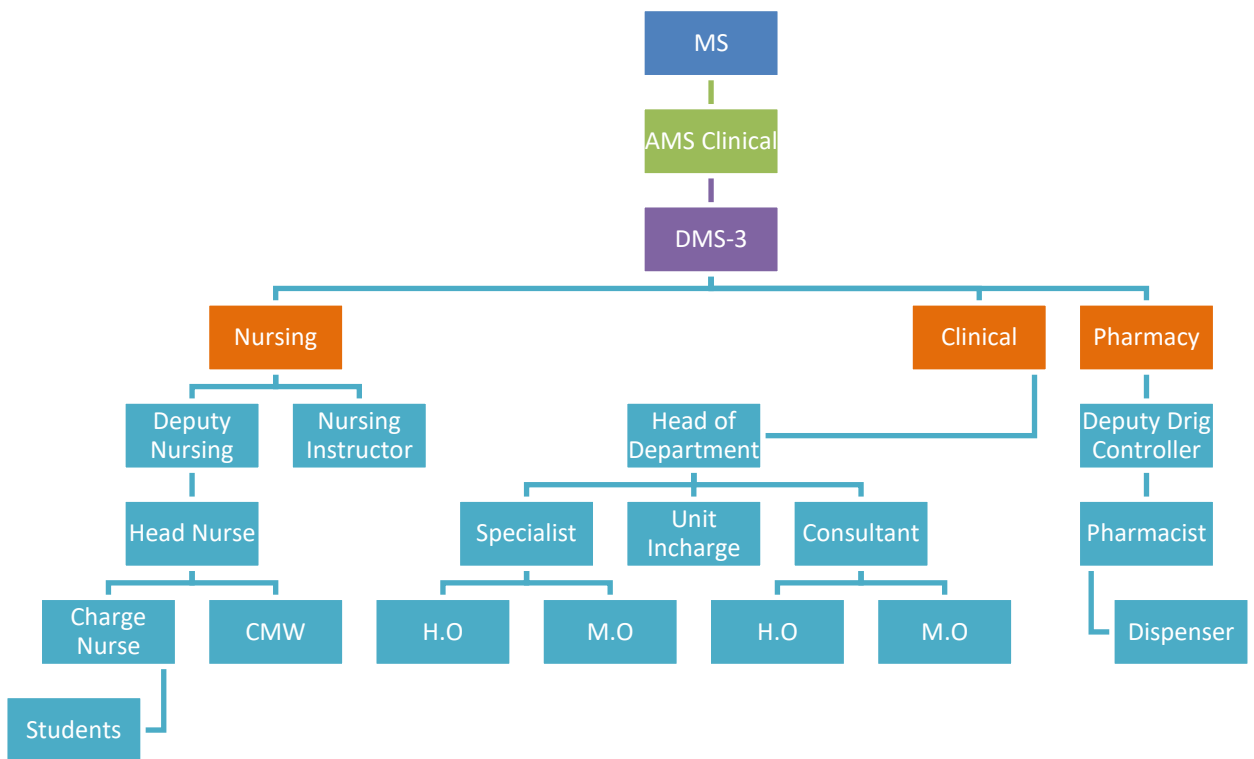
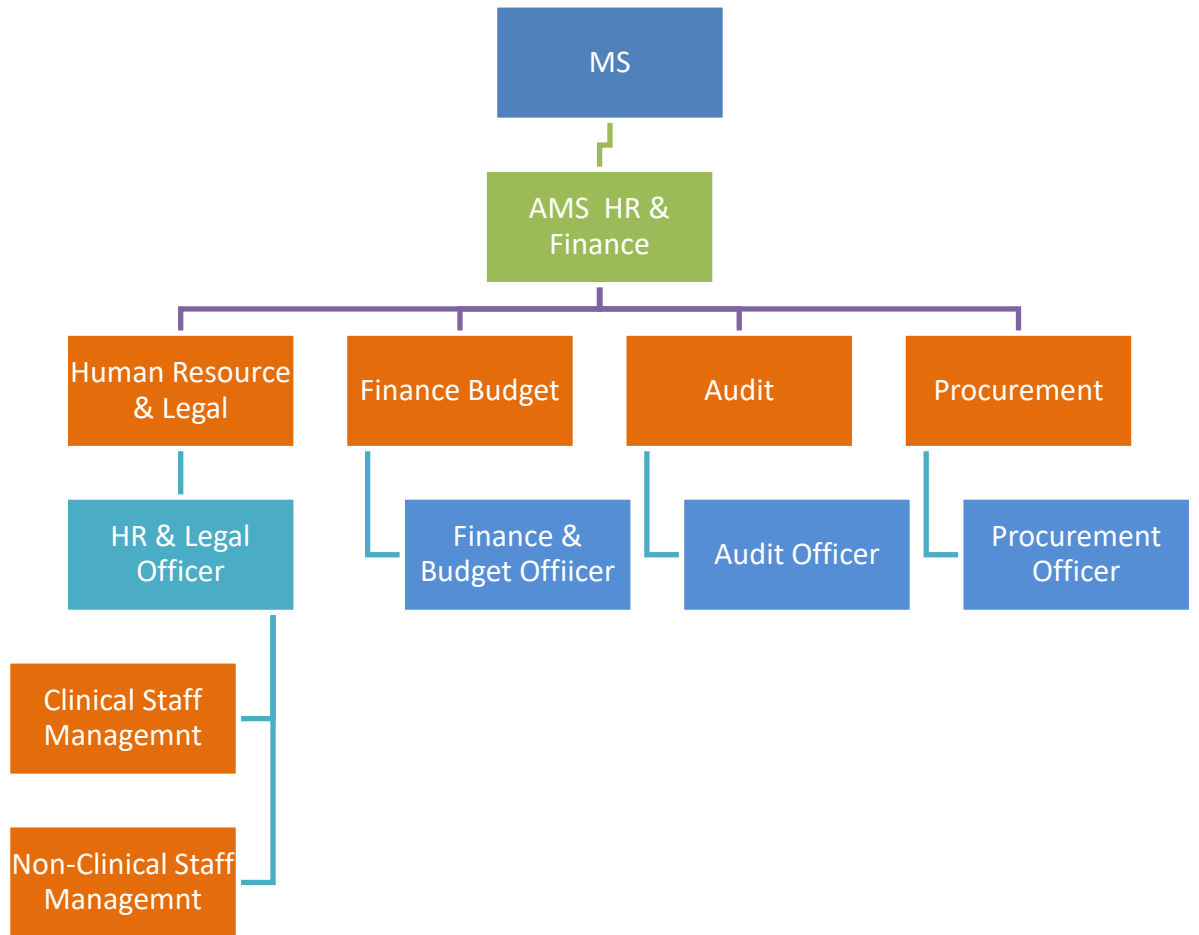
HR Interventions can be broadly classified into introduction of New Management Structure (NMS) staff.

New Organogram of Hospital



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 Human Resource Officer

Shall be responsible for following:

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

Eligibility Criteria

1. Minimum qualification Masters' degree in 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 IT/Statistical Officer

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.

Eligibility Criteria

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

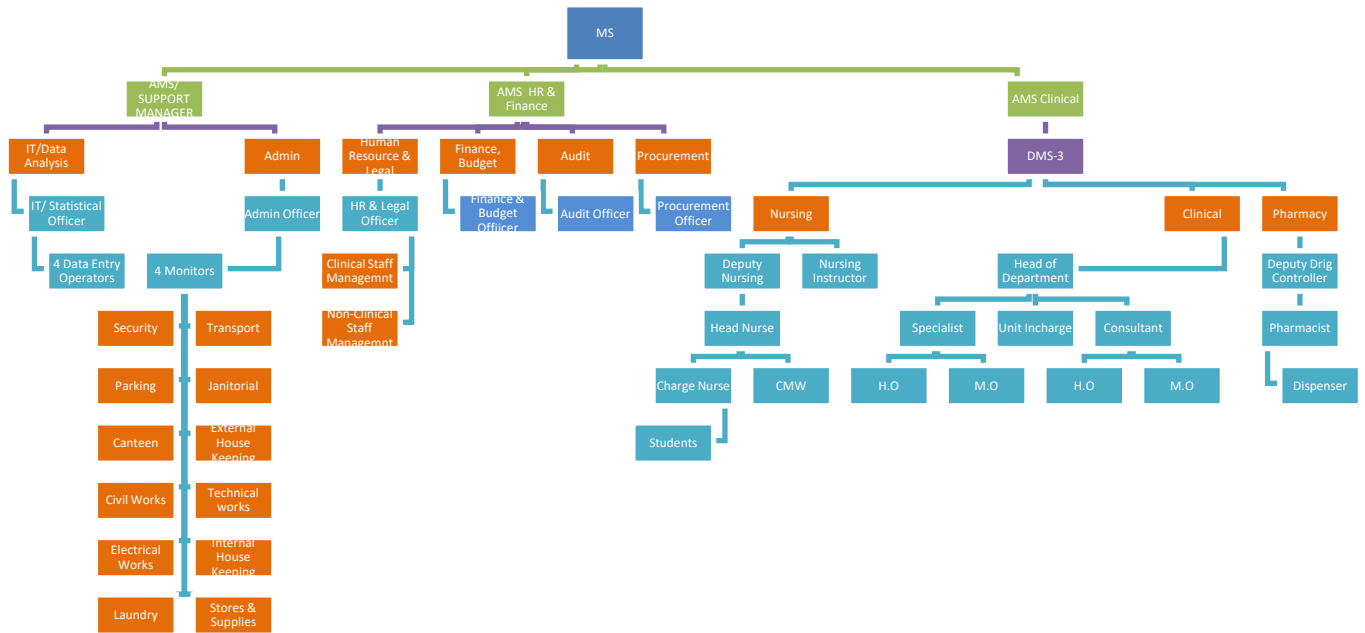
1. Minimum qualification BA/BSC or equivalent from HEC recognized University along with B.Ed.
2. Minimum 1 years post degree experience of teaching (Additional credit may be given for Public sector teaching of similar nature)

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



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

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

PPS-10	437,500--700,000	5
PPS-11	612,500-- 980,000	5
PPS-12	875,000 --1,400,000	5

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

Name of Post	No. of Employees	Original Pay package approved		Revised Pay package	
		Per Month Salary	Salary for One Year	Per Month Salary	Salary for One Year
Admin Officer	1	80,000	960,000	105,000	1,260,000
Human Resource Officer	1	80,000	960,000	105,000	1,260,000
IT/Statistical Officer	1	80,000	960,000	105,000	1,260,000
Finance & Budget Officer	1	80,000	960,000	105,000	1,260,000
Procurement Officer	1	80,000	960,000	105,000	1,260,000
Quality Assurance Officer	1	80,000	960,000	105,000	1,260,000
Logistics Officer	1	80,000	960,000	105,000	1,260,000
Data Entry Operator (DEO)	2	35,000	840,000	44,000	1,056,000
Assistant admin Officer	2	50,000	1,200,000	70,000	1,680,000
Total	11		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/Matresses
- 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 Kotli Sattian District Rawalpindi is more than 0.487 million. The area of the THQ Hospital Kotli Sattian District Rawalpindi is 496,133 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, Kotli Sattian District Rawalpindi.

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

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

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

increased from Rs. 26.949 million to Rs. 42.050 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



6.2 SECTORAL SPECIFIC INFORMATION

Social Sectors health department

7. CAPITAL COST ESTIMATES

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

Grant Number:Development - (PC22036)
LO NO:LO17010570
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:LO22010046
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 Kotli Sattian											
Scope of work	Cost in million											
	Original			1st Revised			2nd Revised			3rd Revised		
	Capital	Revenue	Total	Capital	Revenue	Total	Capital	Revenue	Total	Capital	Revenue	Total
Capital component												
Internal Development	0.000	15.634	15.634	0.000	15.634	15.634	10.765	5.000	15.765	30.603	5.000	35.603
External Development	0.000	4.360	4.360	0.000	4.360	4.360	11.913	0.000	11.913	5.988	0.000	5.988
Water filtration plant	0.000	5.600	5.600	0.000	5.600	5.600	4.270	0.000	4.270	5.459	0.000	5.459
Total Capital Component	0.000	25.593	25.593	0.000	25.593	25.593	26.949	5.000	31.949	42.050	5.000	47.050
Emergency	0.000	19.046	19.046	0.000	19.046	19.046	0.000	25.656	25.656	0.000	43.596	43.596
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	50.172	50.172	0.000	50.172	50.172	0.000	66.044	66.044	0.000	97.790	97.790
Electricity	0.000	13.922	13.922	0.000	13.922	13.922	0.000	13.922	13.922	0.000	21.322	21.322
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	3.004	3.004	0.000	3.004	3.004	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	40.940	40.940	0.000	58.018	58.018
LC Deficit during procurement (currency fluctuation)								2.327	2.327		2.327	2.327
Total Revenue component	0.000	141.629	141.629	0.000	141.629	141.629	0.000	194.632	194.632	0.000	281.269	281.269
Outsourcing component												
Janitorial Services	0.000	12.581	12.581	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Security and Parking services	0.000	7.232	7.232	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Laundry Services	0.000	3.000	3.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maintenance (Generator)	0.000	1.670	1.670	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEP	0.000	3.685	3.685	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	4.558	4.558	0.000	0.048	0.048	0.000	0.048	0.048	0.000	0.048	0.048
Total outsourcing cost	0.000	40.774	40.774	0.000	0.048	0.048	0.000	0.048	0.048	0.000	0.048	0.048
Total	0.000	207.997	207.997	0.000	167.270	167.270	26.949	199.680	226.629	42.050	286.317	328.367
Contingency (1% only on Civil Component)	0.000	0.256	0.256	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Third party monitoring (TPM) (2%)	0.000	4.160	4.160	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grand Total	0.000	212.412	212.412	0.000	167.270	167.270	26.949	199.680	226.629	42.050	286.317	328.367

Emergency Equipment

Sr.	Area	ITEM DESCRIPTION	Original				1st Revised				2nd Revised				3rd Revised			
			Yard	Required Quantity	Actual Unit	Actual Total	Yard	Required Quantity	Actual Unit	Actual Total	Yard	Required Quantity	Actual Unit	Actual Total	Yard	Required Quantity	Actual Unit	Actual Total
53		patient stool * N	2	2	4,085	8,169	2	2	4,085	8,169	2	2	4,500	9,000	2	2	5,000	10,000
54		Portable x-rays (300 M.A)	1	1	3,450,350	3,450,350	1	1	3,450,350	3,450,350	1	1	4,300,000	4,300,000	1	1	9,800,000	9,800,000
55		Portable ultra-sound	1	1	1,403,325	1,403,325	1	1	1,403,325	1,403,325	1	1	1,500,000	1,500,000	1	1	2,400,000	2,400,000
		Total				19,045,530				19,045,530				25,656,235				43,596,200
						19,046				19,046				25,656				43,596

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 disinfectant	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 Temperature 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

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	Transformers (50 KVA)	0	300,000	-	0	300,000	-	0	300,000	-	0	300,000	-
4	Generator (200 KVA)	1	4,000,000	4,000,000	1	4,000,000	4,000,000	1	4,000,000	4,000,000	1	4,000,000	4,000,000
5	Generator (100 KVA)	0	2,300,000	-	0	2,300,000	-	0	2,300,000	-	1	3,400,000	3,400,000
6	2 Ton air conditioners (split)	29	55,500	1,609,500	29	55,500	1,609,500	29	55,500	1,609,500	29	55,500	1,609,500
7	2 Ton air conditioners (Cabinet)	18	78,000	1,404,000	18	78,000	1,404,000	18	78,000	1,404,000	18	78,000	1,404,000
8	4 Ton air conditioners (Cabinet)	3	120,000	360,000	3	120,000	360,000	3	120,000	360,000	3	120,000	360,000
9	Ceiling Fans 56"	50	3,090	154,500	50	3,090	154,500	50	3,090	154,500	50	3,090	154,500
10	Exhaust Fans	36	3,000	108,000	36	3,000	108,000	36	3,000	108,000	36	3,000	108,000
11	Bracket Fans 18"	72	3,280	236,160	72	3,280	236,160	72	3,280	236,160	72	3,280	236,160
12	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	9,000,000	9,000,000
	Total			13,922,160			13,922,160			13,922,160			21,322,160
				13.922			13.922			13.922			21.322

IT & QMS & Surveillance

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	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			1st Revised			2nd Revised			3rd Revised		
		Quantity	Unit Price	Total	Quantity	Unit Price	Total	Quantity	Unit Price	Total	Quantity	Unit Price	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	7169	951100	13,503,500	7169	951100	13,503,500	7169	951100	13,503,500	7169	1288300	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	9,812	58,872	6	9,812	58,872	6	13,951	83,706	6	13,951	83,706
2	A2	External Platform/Road Signage (Triangular)	6	8,976	53,856	6	8,976	53,856	6	12,762	76,574	6	12,762	76,574
3	B1	Main Directional Board	1	109,087	109,087	1	109,087	109,087	1	155,107	155,107	1	155,107	155,107
4	C1	Directional Board (Single Sheet)	10	14,016	140,160	10	14,016	140,160	10	19,929	199,290	10	19,929	199,290
5	C2	Directional Board (Two Sheets)	1	21,813	21,813	1	21,813	21,813	1	31,016	31,016	1	31,016	31,016
6	C3	Directional Board (Three Sheets)	1	29,244	29,244	1	29,244	29,244	1	41,581	41,581	1	41,581	41,581
7	C4	Directional Board (Four Sheets)	1	36,114	36,114	1	36,114	36,114	1	51,351	51,351	1	51,351	51,351
8	C5	Directional Board (Five Sheets)	1	43,858	43,858	1	43,858	43,858	1	62,360	62,360	1	62,360	62,360
9	C6	Directional Board (Six Sheets)	1	51,207	51,207	1	51,207	51,207	1	72,810	72,810	1	72,810	72,810
10	C7	Additional Panel (For Fixation on existing Foundation & Posts)	3	7,703	23,109	3	7,703	23,109	3	10,952	32,857	3	10,952	32,857
11	D1	Departmental Signage on Building	6	45,776	274,656	6	45,776	274,656	6	65,087	390,524	6	65,087	390,524
12	E1	External Map Boards	2	39,939	79,878	2	39,939	79,878	2	56,788	113,576	2	56,788	113,576
		Internal Signage	0		-	0		-	0		-	0		-
1	F1	Internal Hanging Signage (Main Entrance)	5	88,119	440,595	5	88,119	440,595	5	125,294	626,472	5	125,294	626,472
2	F2	Internal Hanging Signage (Main Entrance 2)	5	67,092	335,460	5	67,092	335,460	5	95,396	476,980	5	95,396	476,980
3	F3	Internal Hanging Signage (Corridor)	4	49,689	198,756	4	49,689	198,756	4	70,651	282,604	4	70,651	282,604
4	F4	Internal Hanging Signage (Corridor 2)	4	50,265	201,060	4	50,265	201,060	4	71,470	285,880	4	71,470	285,880
5	G1	Internal Department Signage on wall	7	12,709	88,963	7	12,709	88,963	7	18,071	126,498	7	18,071	126,498
6	H1	Specialist Name Plaques fixed on wall	20	3,653	73,060	20	3,653	73,060	20	5,194	103,880	20	5,194	103,880
7	J1	Room Name Plaques and Numbers fixed on wall	100	840	84,000	100	840	84,000	100	1,194	119,420	100	1,194	119,420
8	K1	Internal Wall Signage	100	1,380	138,000	100	1,380	138,000	100	1,961	196,140	100	1,961	196,140
9	L1	Room Numbers Fixed on Wall	50	3,501	175,050	50	3,501	175,050	50	4,978	248,920	50	4,978	248,920
10	M1	Advance Fire Exit Sign	10	1,782	17,820	10	1,782	17,820	10	2,534	25,340	10	2,534	25,340
11	M2	Fire Exit Sign Mounted Above the Door	10	1,233	12,330	10	1,233	12,330	10	1,753	17,528	10	1,753	17,528
12	N1	Fire Safety/Equipment Signage	20	2,361	47,220	20	2,361	47,220	20	3,357	67,144	20	3,357	67,144
13	P1	Floor Map Board	5	20,449	102,245	5	20,449	102,245	5	29,075	145,376	5	29,075	145,376
14	Q1	Caution Signage	25	2,107	52,675	25	2,107	52,675	25	2,996	74,900	25	2,996	74,900
15	Q2	Caution Signage	5	634	3,170	5	634	3,170	5	902	4,508	5	902	4,508
16	Q3	Caution Signage	10	1,109	11,090	10	1,109	11,090	10	1,576	15,764	10	1,576	15,764
17	Q4	Caution Signage	15	861	12,915	15	861	12,915	15	1,225	18,375	15	1,225	18,375
		Total			2,916,263			2,916,263			4,146,482			4,146,482
		Designing and Site Supervision			87,488			87,488			124,394			124,394
		Grand Total			3,003,751			3,003,751			4,270,877			4,270,877
					3.004			3.004			4.271			4.271

DAY CARE CENTER

Yard Stick as per Women Development 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
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
48	Stuffed toys (Animal shaped i.e. Moneyky, 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

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								12,800					17,54					
Total of HR Component													40.94					58,018

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	22,149	sft	
Covered area assigned to one sweeper	7,500	sft	
Number of sweepers required for covered area	3	Persons	
Road and ROW area	93,467	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	7	blocks	
Number of washroom block assigned to one sweeper	3	Persons	
Number of sweepers required for total washroom blocks	2	Persons	
Total sweeper in morning shift	11	Persons	
Total number of sweepers in evening shift	4	Persons	
Total number of sweepers in night shift	6	Persons	
Total number of sweepers in all shifts	23	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	23	22,000	6,053,467
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)			12,581,467

12.581

Security and Parking

		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 residences	22,149				
Covered Area per guard	15,000				
Number of guards	1				
Open area excluding parking area	93,467				
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)	18				
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	12	21,000	252,000	3,024,000	
Lady Searcher	4	21,525	86,100	1,033,200	
Parking	2	21,525	43,050	516,600	
Sub total				7,232,400	
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				7,232,400	
				7.232	

Laundry Services			
	Original		From 1st Revised to onward
Number of beds	60		
Type of Item	No of Beds	Per bed cost per year	Total Cost
No of Bed	60	30,000	1,800,000
Transport Charges			1,200,000
Total for laundry items			3,000,000
Total			3.000

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.

Maintenance of Generator

	Original			From 1st Revised to onward
Item Name	Quantity	Cost per year	Total Cost	
Periodical Maintenance Cost				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.
Number of Generators (200 KVA)	-	500,000	-	
Number of Generators (100 KVA)	-	325,000	-	
Number of Generators (50 KVA)	1	175,000	175,000	
Repairs Cost	1	175,000	175,000	
HR Cost				
Supervisor	1	40,000	240,000	
Generator Operator	3	30,000	1,080,000	
Technical Staff/Mechanic	-	30,000	-	
Total			1,670,000	

1.670

MEP

		Original			From 1st Revised to onward
Type of worker / Component	No of workers	Salary per month	Salary per Month for all persons	Salary for One Year	<p>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:</p> <p>"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".</p> <p>In view of above, Outsourcing cost has been excluded from this PC-I.</p>
Supervisors	1	56,420	56,420	677,040	
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	66	6,665	439,890	439,890	
Fridge	5	4,000	20,000	20,000	
UPS	12	8,000	96,000	96,000	
Water Cooler	15	4,000	60,000	60,000	
Exhaust	7	3,000	21,000	21,000	
Geyser	15	4,000	60,000	60,000	
Water Pump	3	3,000	9,000	9,000	
Carpentry Work		-	180,000	180,000	
Electrical Work		-	120,000	120,000	
Plumbing Work		-	75,000	75,000	
Sub Total				1,080,890	
General Total				3,684,890	
				3.685	

Medical Gases

		Original				From 1st Revised to onward	
Scope of Work		Monthly Consumption per THQ Hospital	Annual Consumption per THQ Hospital	Rate per Cylinder	Total Annual Cost per THQs	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.	
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		
	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	Original				From 1st Revised to onward
		Unit	Qty	Rate (Rs)	Amount (Rs)	
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	<p>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:</p> <p>"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".</p> <p>In view of above, Outsourcing cost has been excluded from this PC-I.</p>
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 glazed 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 glazed 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	

Cafeteria					
Pre-Fabrication Cateen (Procurement)					
		Original			From 1st Revised to onward
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 Sanitary				410,000
24	Kitching Fixtures				802,000
	Grand Total Amount (Rs)				6,742,856

6.743

LANDSCAPE DEVELOPMENT WORKS					
COST ESTIMATE					
		Original			From 1st Revised to onward
Sr. No.	Description	Unit	Quantity	Unit Rate Rs.	Amount Rs.
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	13,475	20	269,500
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	1	34,375	34,375
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	18,480	7	129,360
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	23,100	11.25	259,875
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	94	1,500	141,000
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	22	270	5,940
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	15	600	9,000

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 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.

LANDSCAPE DEVELOPMENT WORKS					
COST ESTIMATE					
		Original			From 1st Revised to onward
1.5	Shrubs and Ornamental Plants 10" pot Pittosporum Variegated, Murray Small, Ixora Coccinea, Juniper Variegated, Hibiscus Variegated, Carronda Dwarf Spp, Jasmine Sambac(Mottya), Leucophyllum Frutescens(Silvery), Rose, Nerium, Lantana, Canna, Asparagrus, Conocarpus, Acalypha, Callistemon Dwarf, Cestrum, Thabernaemontara Variegated etc.	No's	8,400	69	579,600
a	Shrubs and Ornamental Plants 12" pot Pittosporum Variegated, Ixora Cochineal, Juniper Variegated, Carronda Dwarf, Jasmine Thai, Plumier Robar, Cassia Malacca, Largest mea, Euphorbia, Jestropha Thai etc	No's	1,320	195	257,400
1.6	GROUND COVERS				

LANDSCAPE DEVELOPMENT WORKS					
COST ESTIMATE					
		Original			From 1st Revised to onward
	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), Hemercolis(Daylily), Duranta etc	No's	8,971	12	107,652
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	11	3,675	40,425
b	Palm 18" pot - Phoenix Palm, Cyrus Palm	No's	14	1,800	25,200
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, Ousqualus, Bombay Creeper etc.	No's	45	195	8,775
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	1848	150	277,200
2.2	BENCHES				
	Concrete Bench 5' wide complete in all respects and to the satisfaction of Engineer as per approved design.	No's	9	14,698	132,282
2.3	DUSTBINS				
	Complete in all respects and to the satisfaction of Engineer as per approved design.	No's	6	27,700	166,200
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	8	3,850	30,800
2.6	WATER POINTS (Injector Pump 1HP)	No's	1	45,000	45,000
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	46,200	7.50	346,500
4	CONSTRUCTION OF PLANTERS				
	Large Size				
4.1	with keystones fixed with cement with top concrete slab as per design and to the satisfaction of Engineer.	No's	180	550	99,000

LANDSCAPE DEVELOPMENT WORKS					
COST ESTIMATE					
		Original			From 1st Revised to onward
4.2	Medium Size with keystones fixed with cement with top concrete slab as per design and to the satisfaction of Engineer.	No's	23	550	12,650
4.3	Small Size with keystones fixed with cement with top concrete slab as per design and to the satisfaction of Engineer.	No's	43	550	23,650
5	GAZEBO 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					3,746,323
PRA(16%)					599,412
Design Consultancy					100,000
TPV (3%)					112,390
Grand Total					4,558,124
					4.558

5608 To

The Director,
Infrastructure Project Management Unit,
Primary & Secondary Healthcare Department,
31-E, Sharah-e-Imam Hussain, Gulber-Ill,
Lahore.

No. **3299** /DB, dated. **18-10-2022**

Subject: ROUGH COST ESTIMATES.

AMENDED

Kindly find enclosed herewith 2 Nos rough cost estimates duly vetted by
Superintending Engineer Building Circle No.1 Rawalpindi amount & work noted against
each for arrangement its administrative approval / funds please.

Sr. No	Name of Work	Amount
1.	Programme for revamping of all THQ Hospitals in Punjab one at THQ Hospital Kotli Sattian District Rawalpindi. ADP No. 658 for the year 2022-23.	Rs: 42.050 M
2.	Programme for revamping of all THQ Hospitals in Punjab one at THQ Hospital Murree. ADP No. 658 for the year 2022-23.	Rs: 43.240 M

DA/2 Nos Rough cost estimates

No. /DB, dated.

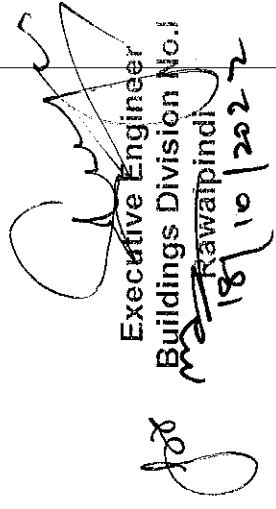
Copy is forwarded to:-

1. The Superintending Engineer Building Circle No.1 Rawalpindi.
2. The Sub Divisional Officer, Building Sub Division Murree Kotli
Sattian follow up at personal level and report.

RECEIVED	
Diary No:	5608
Date:	19-10-2022
Deputy PD	PMU, P&SHD
Finance & Admin	
Procurement	
Outsourcing	
Infrastructure	
Planning & HR	
ICT	
Operations	
Health	
Legal	
I & C	

DA/NIJ

Executive Engineer
Buildings Division No.1
Rawalpindi


Executive Engineer
Buildings Division No.1
Rawalpindi
18/10/2022

PROCVINCE;

PUNJAB.

DIVISION.

BUILDINGS DIVISION NO 1
RAWALPINDI.

STATION.

RAWALPINDI.

SUB DIVISION

BUILDING SUB DIVISION
MURREE.

NAME OF WORK;

AMENDED ROUGH COST ESTIMATE FOR
THE WORK "PROGRAMME
FOR REVAMPING OF ALL
THE HOSPITALS IN PUNJAB
ONE AT THIQ HOSPITAL
KOTLI SATTIAN, TEHSIL
KOTLI SATTIAN, DISTRICT
RAWALPINDI".
ADP NO. 658 FOR THE YEAR
2022-23.

MAJOR HEAD.

MINOR HEAD.

APP. COST.

RS. 42.050(M)

Ph: 051-9334587
Fax: 051-9334542

SUPERINTENDING ENGINEER
BUILDINGS CIRCLE NO. 1
RAWALPINDI

e.mail: sepbcryp@gmail.com

To

The Chief Executive Officer,
District Health Authority,
Rawalpindi.

No. 4747 dated. 22-8-2022

Subject: ROUGH COST ESTIMATE FOR THE WORK "PROGRAMME FOR AMENDED REVAMPING OF ALL THQ HOSPITALS IN PUNJAB ONE AT THQ HOSPITAL KOTLISATTIAN DISTRICT RAWALPINDI." (A.D.P NO. 658, FOR 2022-23)

Rough cost estimate amounting to Rs. 42,000 M for the work cited as subject prepared by Executive Engineer Buildings Division No. 1 Rawalpindi based on plinth area rates notified vide Chief Engineer Punjab Buildings Department (North Zone) Lahore memo No. CEBNZ/1188-92/D dated 07-07-2022 & MRS 2nd Bi Annual 2022 for the period (1st July 2022 to 31st December 2022) for District Rawalpindi, is submitted herewith for arranging its administrative approval / funds please.

The scheme cited as subject has been reflected in the ADP for the year 2022-23 at G.S No. 658 with indicated cost of Rs. 22060.239 M (Block) & allocation of Rs. 1300.000 M (Block).

DA/Rough cost estimate

No. 4748 dated. 22-8-2022

Superintending Engineer
Building Circle No. 1
Rawalpindi

Copy is forwarded to the Executive Engineer Buildings Division No. 1 Rawalpindi with reference to his letter No. 2633/DB, dated: 11-08-2021, for pursuance.

DA/Nil

Superintending Engineer
Building Circle No. 1
Rawalpindi

AMENDED ROUGH COST ESTIMATE FRAMED BY EXECUTIVE ENGINEER BUILDING DIVISION NO. 1 RAWALPINDI FOR THE WORK PROGRAMME FOR REVAMPING OF ALL THE HOSPITALS IN PUNJAB ONE IS THQ HOSPITAL KOTLI SATTIAN, TEHSIL KOTLI SATTIAN, DISTRICT RAWALPINDI FOR THE YEAR 2022-23.

REFERENCE:- Chief Executive officer District Health Authority Rawalpindi Letter No. P&I/011/THQs/1753, dated 04-12-2020.

HISTORY:

The Government of Punjab is very keen to provide the better Health facilities in which province. In this context Chief Executive officer District Health Authority Rawalpindi vide letter referred above has been requested to prepare the rough cost estimate for the Subject cited work Revamping of THQs Hospital one is THQs Hospital Murree. Accordingly a rough cost estimate amounting to **Rs. 28.319 Million** has been prepared and send to component authority for arranging administrative approval / Funds. The administratively was issued by Government of Punjab Primary and Secondary Healthcare Department vide No PO(D-I)1-237/2021. Dated 09-11-2021 amounting to Rs 26.949 M on Old Plinth area rate and Now new Plinth area rate are issued by the Chief Engineer (North Zone) Punjab Building Department Lahore memo No. CEBNZ/2346-50/D dated: 15-12-2021 & MRS 1st Bi Annual 2022 for the period (1st Jan 2022 to 30th June 2022) for Murree. The PMU Team visit site on 05.07.2022 and identification of scope for revamping of health facility.

Hence this amended Rough cost estimate Amounting to Rs 42.050 M has been prepared on Fresh Plinth area rate for arranging administrative approval / Funds

SCOPE OF WORK:

The Following works have been provided in this estimate:-

1.	Construction of Water Filtration plant room i/c water filtration plant	01 Job
2.	Renovation of Main Building	
3.	Fire Alarm System	
4.	Provision of gate and gate pillar	1Job
5.	Public Health Portion	1Job
6.	Electric Portion i.c Electric pole lights	1Job
7.	External Road	

SPECIFICATIONS

The standard specifications of Punjab Buildings Department will be followed for execution of job.

CARRYING OUT OF WORK:

The work shall be carried out through the approved Government contractors of Punjab Building Department after calling the competitive tenders through Advertisement.

RATES:


The rates are based on plinth area rates by Chief Engineer (North Zone) Punjab Building Department Lahore memo No. CEBNZ/2346-50/D dated: 15-12-2021 & MRS 1st Bi Annual 2022 for the period (1st Jan 2022 to 30th June 2022) for Murree.


TIME LIMIT:

It will take about 12 Months to complete the work from the date of its actual commencement.

COST:

This will require an outlay of **Rs. . 42.050 Million**


Sub-Divisional Officer
Buildings Sub Division
Kotli Sattian


Executive Engineer
Buildings Division No. 1
Rawalpindi

P-113
CHECK LIST FOR IDENTIFICATION OF SCOPE FOR REVAMPING OF HEALTH FACILITY
THQ Kotli Sattian 05-07-22

Sr No	Item	OPD Block	Remarks
1	Porcelain Floor Tile replacement	Not required.	Tiles specifications, brand, size and Installation will be as per specified C&W standards.
2	Porcelain Wall Tile replacement	Not required.	Tiles specifications, brand, size and Installation will be as per specified C&W standards.
3	Wooden Doors flush-or Solid/ Main Doors	Not required.	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	Not required.	Specifications will be as per C&W standards.
5	Existing Internal Windows	Not required.	Specifications, Aluminum and glass color will be as per specified C&W Standards
6	Internal Corridors.	Not required.	
7	Internal Electric fittings	Existing Damged DB's and wires need to be replaced with concealed wiring of required capacity in complete hospital.	Model Specifications/ Brands, should be as per specified C&W Standards. ✓
8	Internal Lighting Fixtures	Not required.	Model Specifications/ Brands, and distance should be as per specified C&W Standards. ✓
9	Revamping of Public Toilets	Only 1 washroom in fornt of Paeds department need to be revamped. Its p-trap is right below the door which needs to be relocated as it is causing settlement of the wall beside it. Also, each waashroom requires 1 WC english.	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.
10	Wall Paint	Complete building needs to be repaint.	Plaster Cement Ratio, wall putty brand specifications, paint specifications, brand and color will be as per C&W standards.
11	Roof Treatment	Roof treatment is required at few points.	
12	Nursing Counter (Ward)	Not required.	
13	Stairs - Marble and Railing	Not required.	Marble/Granite type and installation technique will be as per C&W Standards.
14	Ramps - Tile and Railing	Not required.	
15	Façade Uplifting	Minor Façade treatment with weather shield combinations and patterns should be executed on front elevation.	
16	Lead lining Walls (X-Ray)	Not required.	
17	Antimicrobial Treatment (O.T.)	Anti- microbial treatment	

P-2/3


18	External Weather Shield	External weathershield is only required at those surfaces where stone cladding/tile work is not done.
19	Edge Protection	SS Edge Protection needs to be fixed on all corners up to height of 5 ft. till the height of Wall/Dado tiles.
20	Columns SS Cladding	Not required.
21	Plumbing Works	Damaged Water supply & sewerage pipes causing seepage to be repaired & rectified.
22	Fire Alarm System	Required
23	Elevators	
24	Expansion joint of Building	Treat expansion joint of building properly & cover it with SS patti
25	Any Other item	Remove wooden partition wall & construct a dry wall in place of it in Gynae OT.
31	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.



P-313

CHECK LIST FOR IDENTIFICATION OF SCOPE FOR REVAMPING OF HEALTH FACILITY

Sr No	Description	Condition	Additional Information
	Water Supply System		Not required.
	Sewerage System		good condition
	External Pathways		Repair PCC road from entrance to medicine store.
	Boundary Wall		Not required.
	Main Gate		Repair the main gate which got damaged in an accident.
	Sources of Electrical Supply		Demand Notice to be paid for Dual Supply or Express Line.
	Transformer		Requirement of transformer will be assessed after visit of Wapda & DN to be paid accordingly as per site requirement.
	ATS Panel for Generators		As per site requirement.
	Electrical Panel Room		Available. Minor repair works need to be done.
	External Wires		All external wires/cables should be replaced after detail electrical analysis & design. Moreover these main wires should be concealed in all respects.
	Water Filtration Plant		Construct a water filtration plant room beside water tank. Water tank only needs to be repaired.


 Executive Engineer
 Building Division No.1
 Rawalpindi

AMMENDED ROUGH COST ESTIMATE FOR THE WORK REVAMPING OF TEHSIL HEAD QUARTER HOSPITAL KOTLI SATTIAN, TEHSIL KOTLI SATTIAN DISTRICT
 RAWALPINDI FOR THE YEAR 2021-22.

COMPARATIVE STATEMENT

Sr No	Description	As per Approved Rough Cost Estimate			As per Revised Rough Cost Estimate			Difference		Remarks
		Plinth Area/Qty	Unit	Rate	Plinth Area/Qty	Unit	Rate	Amount	Excess	
1	Construction of Water Filtration Plant room (w/ water filtration plant)	1.00	Job	4067071	1.00	Job	5458761	5458761	1391690	As per the work order 5-T-2022 Director Project Management Unit Lahore alongwith the team and the Hospital Nurses and the staff to supervise the work at the
2	Renovation / Improvement of Main Building.	1.00	Job	9670287	1.00	Job	19287473	10287473	9917186	
3	Construction of Gate & Gate Pillars	1.00	Job	232103	1.00	Job	447000	447000	214897	
4	Construction of boundary wall	60.00	P.Rft	7300					438010	
5	Provision of razor wire on boundary wall	60.00	P.Rft	355					21300	
6	External Development				1.00	Job	1634041	1634041	1634041	
7	Fire alarm system / Fire fighting system				1.00	Job	11315962	11315962	11315962	
8	Public health portion	1.00	Job	641602					641602	
9	E.I work w/c electric pole lights	1.00	Job	7861781					7861781	
10	sewerline w/c septic tank and man holes	1.00	Job	1396316					1396316	
11	External road	1.00	Each	1076991					1076991	
12	Supply / Erection R.C.C Foot bench 5' long of (1:1 1/2:3) cement concrete 16" wide seat and 16" wide back with foot wooden texture i.e carriage from Lahore to site of work and base concrete cost of nuts and bolts complete as approved and directed by the Engineer incharge.	1.00	Each	195000					195000	

ROUGH COST ESTIMATE FOR THE WORK REVAMPING OF ALL THE HOSPITALS IN PUNJAB ONE IS THE HOSPITAL KOTLI SATTIAN, TEHSIL KOTLI SATTIAN, DISTRICT RAWALPINDI FOR THE YEAR 2022-23.

ABSTRACT OF COST

S. No.	Description	Plinth / Area Qty	Unit	B.P	Strip Fnd	P.H	E.I	Total	Amount	Remarks
1	Construction of Water Filtration Plan room w/c water filtration Plant	1	Job	5458761					5458761	Rough Cost Estimate prepared on the basis of plinth area rates notified vide Chief Engineer (North Zone) Punjab Building Department Lahore memo No. CEBNZ/2346-50/D dated: 15-12-2021 & MRS 1st Bi Annual 2022 for the period (1st Jan 2022 to 30th June 2022) for Murree.
2	Renovation / Improvement of Main Building.	1	Job	19287473					19287473	Detailed Attached
3	Reconstruction of Gate & Gate Pillars	1	Job	447000					447000	Detailed Attached
4	External development	1	Job	1634041					1634041	Detailed Attached
5	Fire alarm system / Fire fighting system	1	Job	11315962					11315962	Detailed Attached
								Total:-	38143238	
	Add 5% PST								1907162	
	Add WAPDA Charges for dual connection								2000000	
								Total:-	42050399	
								Say Rs.	42.050	Million

TECHNICAL CHECKED
 For Rs. 42.050 (Million)
 Superintending Engineer
 Buildings Circle No. 1
 Rawalpindi

Sub Divisional Officer
 Buildings Circle No. 1
 Rawalpindi

EXECUTIVE ENGINEER
 Buildings Division No. 4
 Rawalpindi

ROUGH COST ESTIMATE FOR THE WORK REVAMPING OF ALL THE HOSPITALS IN PUNJAB ONE IS THE HOSPITAL KOTLI SATTIAN,
 TEHSIL KOTLI SATTIAN, DISTRICT RAWALPINDI FOR THE YEAR 2022-23.

ABSTRACT OF COST

S. No.	Description	Plinth / Area Qty	Unit	B.P	Strip Fnd	P.H	E.I	Total	Amount	Remarks
1	Construction of Water Filtration Plan room i/c water filtration Plant	1	Job	5458761					5458761	Rough Cost Estimate prepared on the basis of plinth area rates notified vide Chief Engineer (North Zone) Punjab Building Department Lahore memo No. CEBNZ/2346-50/D dated: 15-12-2021 & MRS 1st BI Annual 2022 for the period (1st Jan 2022 to 30th June 2022) for Murree.
2	Renovation / Improvement of Main Building.	1	Job	19287473					19287473	Detailed Atteched
3	Reconstruction of Gate & Gate Pillers	1	Job	447000					447000	Detailed Atteched
4	External development	1	Job	1634041					1634041	Detailed Atteched
5	Fire alarm system / fire fighting system	1	Job	11315962					11315962	Detailed Atteched
								Total:-	38143238	
	Add 5% PST								1907162	
	Add WAPDA Charges for dual connection								2000000	
								Total:-	42050399	
								Say Rs:	42.050	Million

TEHSIL KOTLI SATTIAN
 DISTRICT RAWALPINDI
 SUPERINTENDING ENGINEER
 BUILDINGS DIVISION
 RAHWALPINDI
 (MURREE)

Sub Divisional Officer
 Buildings Svt Division
 Tehsil Sattian

TEHSIL KOTLI SATTIAN
 DISTRICT RAWALPINDI
 SUPERINTENDING ENGINEER
 BUILDINGS DIVISION
 RAHWALPINDI
 (MURREE)

S.N	DESCRIPTION	NO	L	B	H	QTY	AMOUNT
7	Coursed rubble masonry Hammer dressed in (1:6) Cement Sand mortar G/F.						
	Horizontal	2	22.5	1.25	12	675	
	Vertical	2	18	1.25	12	540	
		1	32.5	1.25	2.5	102	
			Total			1317	
	D/D	1	5	1.25	8.5	53	
	Window	3	4	1.25	6	90	
	Lintel	2	22.5	1.25	0.5	28	
	Balance	1317	(-) 242		Total	171	
			@	26572.75	% Cft.	1145	304341
8	Pacca Brick work (1:4) ratio in Ground Floor.	4	1.125	1.125	8.5	43	
			@	37883.55	% Cft.	RS.	16302
9	P/L R.C.C work (1:2:4) in roof slab beam column Lintel, Girder & other structural member laid in Position.	2	22.5	1.25	0.5	28	
	Ver beam	1	32.5	1.125	1	37	
			Total			65	
			@	543.05	P.Cft.	RS.	35129
10	Fabrication of mild steel reinforcement for cement Concrete i/c cutting bending lying in position.(Deformed Bar). Qty take 6.75 Lbs in PCft of item.	473	6.75	0.4536		1448	
			@	31577.35	% Kg	RS.	457313
11	Plain wood work wrought sawan fixed in position i/c cost of mail of screw (Cheer wood).	1	22.5	26.75	0.21	126	
			@	3400.00	P.Cft.	RS.	429739
12	P/F Corrugated galvanized iron Sheets with G.I bots nuts limpnet and bitumen washer wind ties complete in all respect without valley and ridge 24 SWG as approved by the Engineer Incharge.	1	22.5	26.75	1.35	813	
			@	29848.20	%Sft.	RS.	242526
13	P/F of plain G.I Sheet ridging i/c fixture fiber for ridge roll and fridge sheeting 24 SWG as approved by the Engineer Incharge.	4	21	1054.90	P.Rft.	84	
			@			RS.	88612
14	Making and fixing Nuts & Bolts 5/8" dia.						
			24x2x.667x.4536 =				
			@	41499.65	% Kg	15	
						RS.	6225
15	Flat sheet roof with galvanized iron plain sheets, including battens, rolls, screws, clips etc. (Planking to be paid for separately):- 24 SWG	2	(25.5+29.75)x3	=		332	
			@	38747.55	%Sft.	RS.	128448

CONSTRUCION OF ROOM FOR FILTRATION PLANT & CHILLER

S.N	DESCRIPTION	NO	L	B	H	QTY	AMOUN
1	Excavation in foundation of buildings, Bridges and Other Structure i/c deg building, dressing, refilling around Structure With excavated earth lead up to 1 chain and lift up to 5' in Hard Soil. Horizontal wall Vertical wall Plinth Protection V/Wall H/Wall	3 2 2 2	18.25 28.5 28.5 26.75	3 3 3 3	3 3 2 2	493 513 342 321	20006
			@	11,988.50	Total	1669	RS.
2	Cement concrete brick or stone ballast 1-1/2" to 2" Gauge in (1:4:8). H/wall V/Wall	3 2	18.25 28.5	3 3	0.33 0.33	54 56	
			@	26,229.30	Total	111	RS.
3	Cement concrete brick or stone ballast 1-1/2" to 2" Gauge in (1:6:12) ratio. H/wall V/Wall	2 2	28.5 26.75	3 3	0.5 0.5	86 80	29018
			@	22577.60	Total	166	RS.
4	Coursed rubble masonry Hammer dressed in (1:6) <u>Foundation Plinth.</u> V/Wall H/wall <u>Plinth protection</u> H/wall	2 2 2 3 3 3 2 2	28.5 27.75 27 18.25 19 19.75 28.5 26.75	3 2.25 1.5 3 2.25 1.5 3 3	0.75 0.75 1.5 0.75 0.75 1.5 2 2	128 94 122 123 96 133 342 321	37422
			@	24648.85	Total	1359	RS.
5	R.C.C in raft or strip foundation base slab of column & retaining wall Complete in all respect in (1:2:4) ratio. Plinth beam ---do--- Strip foundation	3 2 3 2	19.75 27 18.25 28.5	1.5 1.5 3.75 3.75	0.75 0.75 0.67 0.67	67 61 138 143	335001
			@	443.90	Total	408	RS.
6	P/L DPC complete with one coat of hot bitumen of polythine sheet 500 gauge with (1:2:4) 1-1/2" thick. Pillar D/D Door	2 4 1	46.75 1.125 5	1.5 1.125 1.25	--- Total (-)	140 5 145.25 6.25	181190
			@	8758.45	Net Total	139	RS.
					% Sft.		12174

S.N	DESCRIPTION	NO	L	B	H	QTY	AMOUNT
16	Small iron work, such as gusset plates, knees, bends, stirrups, straps, rings, etc. including cutting, drilling, riveting, handling, assembling and fixing; but excluding erection in position.	24	3	0.25	----	18	
			18x10.20x0.454 =			83	
17	Providing and fixing ceiling, including frame work:- Chip board	@		41499.65	%KG	RS.	34592
	Ver	1	20	18	----	360	
		1	20	5	----	100	
		@		28675.75	Total %Sft.	460	
18	3/4" thick cement plaster in (15) C/sand mortar upto 20' height.					RS.	131908
		1x2	20+18	12	---	912	
		1x2	20+5	12	---	600	
		@		4380.65	Total: %Sft	1512	
19	Cement pointing raised (1:3) cement sand mortar on stone work raised.					RS.	66235
	D/D.	2	22.5+26.5	13		1274	
		3	4x6	---	(-)	72	
		3	6	8.5	(-)	153	
		2	5	8.5	(-)	85	
		@		4767.10	Total: %Sft	1584	
20	Filling watering & remaining earth under floor With surplus earth from foundation Room					RS.	75511
		2	20	18	3	2160	
		1	20	5	3	300	
		@		5107.85	%0Cft	2460	
ii	with new earth excavated from outside, lead upto one chain (30 m).					1113	
		2460	(-)	1113	%0Cft	1348	
21	P/L dry rammed brick or stone ballast 1-1/2" to 2" gauge mixed with 25% sand.					RS.	15079
	Ver	1	24	16	0.33	127	
		1	24	7	0.33	55	
		@		9563.40	Total %Cft	182	
22	Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive/bond over 3/4" thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge 400 mm x 400 mm					RS.	17405
		1	20	18	----	360	
		1	20	6.25	----	125	

S.N	DESCRIPTION	NO	L	B	H	QTY	AMOU
		1	5	1.25	---	6	
	D/D	-4	1.125	1.125	Total	491	
						-5	
						486	
23	Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting/clado of specified size, Color and Shade with adhesive/ bond over 1/2" thick (1:2) cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge. 400 mmX400 mm	@	280.55	P.Sft.	RS.		136401
		2	20+18	0.33	---	25.08	
		1	20	5	---	100	
		2	3.375	0.33	---	2	
		2	2	0.33	---	1	
		@	295.05	P.Sft.	RS.	129	37952
24	P/L topping of cement concrete (1:2:4) i/c surface finishing and dividing into Pannels (2" thick)				Total		
		2	(25.5+26.75)X3	=		314	
		@	9071.65	%Sft	RS.		28440
25	P/F Marble strip for dividing the floor into pannel size 1-1/2"x3/8".	1	(314/100X60)	=		188	
		@	15.85	P.Rft	RS.		2986
26	P/F steel windows made of M.S box section frame 2"x1-1/2" leaf 1-1/2"x1" 16 SWG complete with wire gauze grill glass and 3 Coats painting complete in all respect as per standardized item.	3	4	6	---	72	
		@	1343.50	P.Sft	RS.		96732
27	P/F M.S Steel chowkhats for door and fwindows i/c hold fast making of threading holds for hedges M.S angle iron 1-1/2"x 1-1/2"x1/4" welded with M.S flat 2"x1/4".	1	5	---	8.5	43	
		@	434.75	P.Sft	RS.		18477
28	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 Double Leaf Door	1	4.75	---	6.785	32	
		@	1401.05	P.Sft	RS.		45154
29	Glazing with panes (24 OZ to 26 OZ) i/c cost of putty.	1	4.875	---	1.375	7	
	Fan Light	@	191.15	P.Sft	RS.		1281

S.N	DESCRIPTION	NO	L	B	H	QTY	AMOUNT
-----	-------------	----	---	---	---	-----	--------

30 Painting doors and windows, any type 03
Coat new surface.
Take Qty. as per Item No.17

785.05+597.3+597.3=1979.65						460	
Carrige of odd/job consignment by donkey carriage lead upto one mile.		@	2426.25		Total	460	
					% Sft	RS.	11161.

31 Qty take as per item No. 04
Qty take as per item No. 07

2504	501	Job				1359	
.5					Total	1145	
						2504	
						501	

32 P/F M.S flat grill 1-1/2"x1/8" i/c 3/4"x1/8"
M.S flat frame in window of approved design i/c painting 3 coats complete in all respect.
F. Light.

1	4.875	---				7	
	@	498.05			P.Sft	RS.	3338

34 Distemping 3 coats on new surface.
As per item No, 18

	@	1309.95				1512	
					% Sft	RS.	19016


35 Excavation in rock dressed to design section grade and profile excavated material disposed off within 100 ft and lift upto 5 ft soft rock, slate, shale with pick and crow bar.
1 x 30 x 8 x (7+4+3) / 3


	@	19404.00				1120	
					% Cft	RS.	21732

36 P/F Resevese Osmosis Drinking water Filtration Plant Capacity 500-600 ltr LPH with blending UF membran complete in all respect as approved and directed by the Engineer Incharge

1	@	1627920.00				1	
					P.Job	RS.	1627920

Total Rs:- 4736208
Say Rs:- 4736208



Sub-Divisional Officer
Buildings Sub Division
Kotli Sattian



Executive Engineer
Building Division No.1
Rawalpindi

CONSTRUCCIÓN OF WATER FILTER PLANT ROOM I/C WATER FILTER PLANT

ABSTRACT OF COST

S.NO.	DESCRIPTION	AMOUNT.
1	BUILDING PORTION (G.Floor)	4738268 4802348 /
2	ELECTRIC INSTALATION.	53700 /
3	WATER SUPPLY NETWORK	507800
	TOTAL	5299768 5363848
	Add 3% Coningency Charges	158993 160915 /
	TOTAL	5458761 5524764 /

mp

 Sub Divisional Officer
 Building Sub Division
 Kotli Sattian

Q

 Executive Engineer
 Buildings Division No.1
 Rawalpindi

CONSTRUCTION OF ROOM FOR FILTRATION PLANT & CHILLER

E.I PORTION


Sr. No.	Detail of Work	Qty	Unit	Rate	Am
1	2 S/E of PVC pipe for wiring recessed in walls i/c inspection boxes, pull boxes, hooks, cutting jharies and repairing of surfce complete with all specials 3/4" dia	3	4	5	
2	S/E of single core PVC insulated copper conductor cables in prelaid PVC pipe / M.S conduit / G.I. pipe / Wooden strip battens complete in all respect	50	P.Rft	87.05	43
a	do 3/.029"	300	P.Rft	26.1	78
b	do 7/0.029"	50	P.Rft	41.15	20
3	P/F PVC double layer Switch kit Faceplate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge Large 03 Gange	1	Each	757.80	75
ii	P/F PVC double layer Switch kit Faceplate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / .Bush / Schenider, screws complete as approved and directed by the Engineer Incharge Large 06 Gange	1	Each	1,165.80	116
4	"-----do----- One way Gange Switch 01 Gange	8	Each	385.8	308
5	"-----do----- One way Gange Sockit 02 Pin	3	Each	631.8	189
6	Supply and erection of 3/8" (10 mm) dia M.S. bar fan hook, placed at the time of casting of slab	1	Each	69.5	70
7	Erection of ceiling fan alongwith regulator (all sizes), including carriage from local Railway Station/Store to site of work, electric wire/cable for suspension rod and board connection, and cutting, threading on the rod, where necessary.	1	Each	469.65	470
8	Supply of Ceilling fan 56" sweep complete in all respect.	1	Each	7500	7500
9	P/F wall mounted DB (Distribution Board) made with 16SWG Sheet (Recessed/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights,Thimble, Copper Comb, Wiring, Netural & Earth Bar, Door Earthing, Digital Voltmeter,Digital Ammeter,Volt Selector Switch,Ammeter selector switch,Current Transformers and Controles Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately). 6" deep (i) 20-60A MCB Single pole 4-60 amp 2 Nos 6-63 Amp (10 KA) 1 Nos	1	Each	22,197.45	22197
10	S/E of energy saver 24 Watts Philips made complete in all respect as approved and dircted by the Engineer Incharge	4	Each	250	1000
11	S/E of 3 pin 10/15 Amp wall Socket with shoe, open type.	4	Each	224.6	898
12	S/E of bakolite butfon holder	4	Each	104.85	419
				Total	53700
				Say Rs.	53700


[Signature]
Sub-Divisional Officer,
Buildings Sub Division

[Signature]
Executive Engineer
Buildings Division No. 1

DETAIL OF WATER SUPPLY NETWORK FOR FILTRATION PLANT

Sr. No.	Detail of Work	No.	Measurements			Qty.	Unit	Rate	An
			L.	B.	H.				
1	Excavation of trenches in all kinds of soil, except cutting rock, for watersupply pipelines upto 5 ft. (1.5 m) depth from ground level, including trimming, dressing sides leveling the beds of trenches to correct grade and cutting pits for joints, etc. complete in all respects.	1	1400	2	2	5600	%0Cft	7,647.00	42
2	Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) with specified pressure rating PN (PRESSURE NOMINAL) and conforming to DIN 8077-8078 code i/c cost of solvent, specials, making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned).								
	From filtration room to distribution line								
b	..... Do 40mm	1	400			400	P.Rft	548.90	219
c	..... Do 25mm	1	600			600	P.Rft	129.55	777
d	..... Do 20mm	1	300			300	P.Rft	58.05	174
3	P/F C.P bib cock master complete in all complete in all respect as approved by the Engineer Incharge. 1/2" dia.	1	100			100	P.Rft	43.05	430
4	P/F brass ball valve / control valve master complete in all complete in all respect as approved by the Engineer Incharge. 1/2" dia.	10				10	Each	1017.20	101
b	..... Do 1" dia.	20				20	Each	1003.20	2006
c	..... Do 3/4" dia.	24				24	Each	1687.20	4049
		52				52	Each	1447.20	7528
								Total:	5078
								Say Rs.	5078


 Sub-Divisional Officer
 Buildings Sub Division
 Kotli Sattian


 Executive Engineer
 Buildings Division (No. 1)
 Rawalpindi

RENOVATION OF MAIN BUILDING I/C E.I, P.H

ABSTRACT OF COST

S.NO.	DESCRIPTION	AMOUNT.
1	RENOVATION OF MAIN BUILDING	4527702
2	ELECTRIC INSTALATION.	13085000
3	PUBLIC HEALTH INSTALATION.	1113000
	TOTAL	18725702
	Add 3% Coningency Charges	561771
	TOTAL	19287473

mp
Shameed
 Sub Divisional Officer
 Building Sub Division
 Kotli Sattian

Praveen
 Executive Engineer
 Building Sub Division
 Kotli Sattian

RENOVATION OF MAIN BUILDING

S. No	Description	No	L	B	H	Qty	Am
1	Dismantling glazed or encaustic tiles, etc.						
	Gyne, Peads, Dangi Ward Bath Room	3	20	13		780	
	Lobby bath	3	5	5		75	
	bath fornt peads	1	12	10		120	
	Lobby	1	5	8		40	
	Gyny Bath Room	6	20		5	600	
	Lobby bath	6	13		5	390	
	bath fornt peads	4	5		5	100	
	Lobby	4	5		5	100	
	bath fornt peads	2	12		5	120	
	Lobby	2	10		5	100	
	D/d of opening	2	5		5	50	
	In Corridor	2	8		5	80	
		-22	2.5		5	-275	
		27	1.33	1.33		48	
					Total	2328	
2	P/L superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive/bond over 3/4" thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge. (Non-Skid Chequered Tiles) 600mm x 600mm		@	Rs.	2,391.85	% Sft	55
	In Corridor	27	1.33	1.33		48	
					Total	48	
3	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 12"x18"/12"x24"/10"x24" /8"x24"/12"x36"		@	Rs.	342.85	P.Sft	164
	Gyne, Peads, Dangi Ward Bath Room	3	20	13		780	
	Lobby bath	3	5	5		75	
	bath fornt peads	1	12	10		120	
	Lobby	1	5	8		40	
					Total	1015	
4	-----do----- tile skirting/dado		@	Rs.	242.30	P.Sft	24593
	Gyny Bath Room	6	20		7	840	
	Lobby bath	6	13		7	546	
	bath fornt peads	4	5		7	140	
	Lobby	4	5		7	140	
	bath fornt peads	2	12		7	168	
		2	10		7	140	


S. No	Description	No	L	B	H	Qty	Amo
	Lobby	2	5		7	70	
	D/d of opening	2	8		7	112	
		-22	2.5		7	-385	
					Total	1771	
5	Removing door with chowkat		@	Rs.	295.05	P.Sft	522.00
		22				22	
					Total	22	
6	Fixing door, including chowkats.		@	Rs.	448.45	Each	98
		12				12	
					Total	12	
7	P/F of UPVC full solid door with (skypen profile-60mm frame) 2.2 gauge i/c imported handles locks rubber gas kit imported double tape complete in all respect as approved by the Engineer Incharge		@	Rs.	747.45	Each	89
	D4	10	2 1/2		7	175	
					Total	175	
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		@	Rs.	2,500.00	P.Sft	4375
	W1	10	4		6	240	
	W2	4	4		6	96	
					Total	336	
9	Providing and fixing Aluminum Fly screen comprising of Fiber/Aluminum wire guaze (Malasian) fixed inaluminum frame of approved manufacturer / powder coated of size 1-1/2"x1/2" and 1.6 mm thick with rubber gas ket i/c cost of Hard wares as approved and directed by the engineer incharge. complete in all respect.		@	Rs	999.85	P.Sft	33595
	W1	14	4	0.5	6	168	
	W2	2	4	0.5	6	24	
					Total	192	
10	Painting old surfaces Painting corrugated surfaces, patent roofing, etc. with oil paint. Two coats		@	Rs	494.50	P.Sft	9494
	Roof	1	110	23		2530	
		1	136	60		8160	
					Total	10690	
			@	Rs	1605.35	%Sft	17161

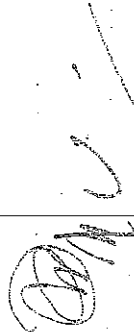
S. No	Description	No	L	B	H	Qty	Amou
11	Providing and applying weather shield paint of approved quality on external surface of building including preparation surface, application of primer complete in all respect: on old surface 2 Coats						
	Yellow Room Outer 12.5+20	2	32.5		13	845	
		4	20		12	960	
					Total	1805	
	3349.45+1943.5+1943.5 = 7236.45		@	Rs	7236.45	%Sft	13061
12	..... Do Old Room						
	Main Building	4	15		12	720	
		4	16		12	768	
		2	18		12	432	
		4	20		12	960	
					Total	2880	
13			@	Rs	1943.45	%Sft	5597
	P/L antistatic vinyl flooring with copper mesh jointless welding in same colour 2mm thick i/c labour etc (as specified in the quotation) and as approved by the engineer incharge						
	O.T	1	16	20		320	
					Total	320	
14			@	Rs	516.00	P.Sft	16512
	P/L of PVC Antibacterial wall cladding (BioCode) UK) back stature G.I from 18 Gauge 12mm thick Gypsem board will be fixed on brick wall to apply 2mm thick antimicrobial walloven 14 to 16 mm thickness joints will be heat welded in same colour (as specified in the quotation) as approved by the engineer inchage						
	O.T	2	16		10	320	
		2	20		10	400	
	D/d	-2	3		7	42	
		-1	4		7	-28	
					Total	650	
15			@	Rs	1788.00	P.Sft	1162201
	Petty Repair to Main room	10				10	
					Total	10	
ii			@	1,155.45	Each	RS.	11555
	Petty Repair to Small room	12				12	
					Total	12	
			@	577.60	Each	RS.	6941

S. No	Description	No	L	B	H	Qty	Amou
16	P/L Stainless steel Corner Beeding angle 2'x2'x1/16" with double tape fixed with stainless steel nails i/c cutting fixing complete in all respect As Approved By The Engineer Incharge	70	5				
			@	640.00	P.R.ft.	350	224000
17	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 @ 2-ft i/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 godies fixed on vertical post, i/c stainless steel welding, fixing & polishing complete in all respects as approved and directed by the Engineer Incharge	45					
	Medi.Store Stair railing		@	2368.45	P.R.ft.	45	106580
18	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)	4	34				
			@	148.40	P.R.ft.	136	20182
19	Dismantling wooden partition Jaffry work etc.	1	32	10			
			@	609.10	%Sft	320	1949
20	Providing and fixing aluminium glazed partition of anodized / powder coated using section of M/s. Al-Cop/ Pakistan Cable having 2 mm thick Frame size D48-A, i/c 12 mm tinted TEMPERED glass with sand blasting and edge polishing i/c the cost of tear resistance film, rubber gasket and hardware etc. complete in all respect as approved and directed by the Engineer Incharge.(Floor hinge will paid separately)	1	32	10			
			@	1244.20	P.Sft	320	398144
21	Preparing surface and painting with emulsion paint on old surface 2-Coat i/c Scraping Colour Change	1	29.75	55	5	848	
	Gyne Ward						

S. No	Description	No	L	B	H	Qty	Amou
	WMO	1	11.5	19.5	5	310	
		1	5.5	6	4	92	
	Head Nrus	1	5.5	13	5	185	
	Store	1	11.5	18	5	295	
		1	6	18	5	240	
		1	24	18	5	420	
		1	6.5	11	5	175	
		1	6.5	6.5	5	130	
	Admin	1	21	18	5	390	
	Consultant	1	20	18	5	380	
	Lab	1	16	19.5	5	355	
	Computer	1	10	20	5	300	
	Pead' Wards -	1	18	19.5	5	375	
		1	11	19.5	5	305	
	Doctor Room	2	11	19.5	5	610	
		1	119	15.33	5	1343	
	X ray	1	12	18	5	300	
	dark room	1	8.5	8	5	165	
		1	8.5	10	5	185	
	Nrusing Counter	1	8.75	18	5	268	
	Vacination	1	16	12	5	280	
	TB	1	11.75	12	5	238	
	Labby	1	3.5	9.5	5	130	
	Ent	1	13.5	12	5	255	
	Emergency	1	2.5	13.87	5	164	
	Disp	1	12.25	14.5	5	268	
	WMC	1	12	14.5	5	265	
	Bath	1	8	13.75	5	218	
	MS	1	22	13.75	0	0	
	Doctor Room	1	16.75	12.5	5	293	
	RAD	1	14	12.5	5	265	
		1	7	7	5	140	
		1	7	4	5	110	
	CMO	1	12	12.5	5	245	
	Dinning	3	12	12.5	5	735	
	MS	1	13	12	5	250	
	Coridor	1	134	8	5	1420	
		1	60	6	5	660	
	Dangue Ward	1	58	41	5	990	
					Total	14594	
22	Painting doors and windows, any type on old surface 2 coats		@	Rs.	2,829.95	%Sft	413003
		50	3.5				
		16	4.5				
		50	2.5				
					Total	2604	
23	Painting sashes, fanlights, glazed or gauzed doors and windows on old surface 2 coats		@	Rs.	1,694.65	%Sft	44129
		30	4				
		20	6				
					Total	1320	
			@	Rs.	1,031.20	%Sft	13612
					Total		5402382

S. No	Description	No	L	B	H	Qty	Amount
	D/d of old material						
1	Door	22		@	1000	Each	22000
3	Electrical wire button etc unservisable	1		@	40000	Job	40000
4	Plumbing items unservisable	1		@	6000	Job	6000
					Net Total	Total	68,000
						Total	4,527,700
						Total	4,527,700

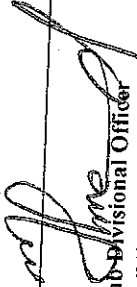


 Sub Divisional Officer
 Buildings Sub Division
 Kotli Sattian


 Executive Engineer
 Buildings Division No. 7
 Rawalpindi

(E.I PORTION) MAIN BUILDING

Sr. No.	Detail of Work	Qty	Unit	Rate	Amount
1	S/E of PVC pipe for wiring recessed in walls i/c inspection boxes, pull boxes, hooks, cutting jharries and repairing of surface complete with all specials 3/4" dia	3	4	5	6
2	do 1" dia	1600	P. Rft	83.8	134080
3	S/E of single core PVC insulated copper conductor cables in prelaid PVC pipe / M.S conduit / G.I. pipe / Wooden strip battens complete in all respect 3/0.029"	900	P. Rft	96.95	87255
4	do 7/0.029"	2700	P. Mtr	85.55	230985
5	do 7/0.044" twin core	1860	P. Mtr	134.95	251007
6	do 19/0.083" 4 Core	400	P. Mtr	527.20	210880
7	do 37/0.083" 4 Core	300	P. Mtr	8,714.05	2614215
8	P/F PVC double layer Switch kit Faceplate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge Large 06 Gange	200	P. Mtr	15201.00	3040200
9	P/F PVC double layer Switch kit Faceplate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge Large 04 Gange	80	Each	1,165.80	93264
10	do One way Gange Switch 01 Gange	60	Each	805.8	48348
11	do One way Gange Sockit 02 Pin	230	Each	385.8	88734
12	do Three pin Light Plug 10/13 Amp	120	Each	535.8	64296
13	do Three Pin Power Plug 15-32 Amp	70	Each	613.8	42966
14	do One way Gange Sockit 02 Pin	50	Each	757.8	37890
15	P/F of LED 6 to 8 watts (125x125mm) of approved quality and make complete, in all respect as approved and directed by the Engineer Incharge	30	Each	535.8	16074
	P/F wall mounted DB (Distribution Board) made with 16SWG Sheet Recessed/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights,Thimble, Copper Comb, Wiring, Neutral & Earth Bar, Door Earthing, Digital Voltmeter,Digital Ammeter, Volt Selector Switch, Ammeter selector switch, Current Transformers and Controles Complete in all respect approved and directed by the Engineer Incharge (Breakers will be Paid Separately).6" deep 20~60 A (6x2x3x0.5)	18	P.Cft	18,691.40	336415
	Supplying, Installation and comissioning of MCB (Miniature Circuit Breaker) 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 screws,necessary wire complete in all respect as approved and directed by the Engineer Incharge. Single Pole			0	
	6-40 Amp (6 KA)	48	Each	1,103.05	52946
	Tripple Pole 6-63 Amp (10 KA)	6	Each	8,434.30	50606
	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.			0	
	Tripple Pole 15-100 Amp (10 KA,15KA)	6	Each	11,434.30	68606
	200-250 Amp(36 KA)	2	Each	39,814.30	79629
19	P/F LED Ceiling light 18 watt best quality complete in all respect as approved / directed by engineer incharge.	60	Each	1800	108000

Sr. No.	Detail of Work	Qty	Unit	Rate	Amount
1	2	3	4	5	6
19	P/F LED Ceiling light 2'x2' best quality complete in all respect as approved / directed by engineer incharge.	180	Each	9500	1710000
20	P/F LED Ceiling light 12 watt best quality complete in all respect as approved / directed by engineer incharge.	50	Each	1500	75000
21	P/F LED Ceiling light 25 watt best quality complete in all respect as approved / directed by engineer incharge.	70	Each	2500	175000
22	Supply and erection of tube light 40 watt, i/c rod , choke, starter, with frame flexible wire i/c connection from ceiling rose etc complete single rod with one choke and one starter.	40	Each	1,235.30	49412
23	S/E of fan dimmer complete in all respect as approved / directed by engineer incharge.	60	Each	601.80	36108
24	Providing/fixing Electric water heater (Geyser) comprising of tank of 14 SWG, GI sheet and external cover of 22 SWG MS sheet, insulated with 4" thick high density glass wool, imported thermostat i/c electric rod, safetyvalve (Ambassador / Canon) i/c cost of accessories & making connection complete in all respect as approved by Engineer incharge. 15 Gal capacity	9	Each	19,854.90	178694
25	Supplying, installation and commissioning of LEDCobra-head Luminaries of specified wattageandlumensconforming to IP66&IK08or above Philips / Osram / Thornor equivalent with corrosion resistant diecasted Aluminum housing, silicon gas ket inspecial groove, UV stable & scratch resistant synthetic materials, thermally hardened glass complete with LED Chip (Philips Lumiled / Cree / Nichia / Ostrammake or equivalent) , programm able LED driver (Harvard / TCI / Lumotech / Philips / VOSSLOHS chwabe / Light echmake or equivalent), minimum 10 kv surge protection rating i/c the cost of all accessories /components required for proper operation, fully flexible for future upgradation and easy replacements for maintenance purposes, bucket elevator charges as approved and directed by the Engineer Incharge. 120 Lm/Watt 250 Watt with 30000 Lumens	40	Each	68,333.10	2733324
26	Providing and fixing Copper wined Exhaust fan with louver and shutter made of Pak/Yomas/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. Steel body 18" dia	10	Each	4,454.75	44548
	Add 3% Contingency			Total	12703511
					381105
				Total	13084617
				Say Rs.	13085000

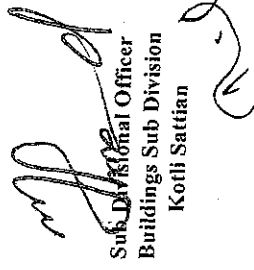

 Sub-Divisional Officer
 Buildings Sub Division
 Kotli Sattar


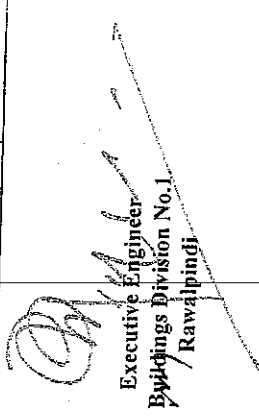
Executive Engineer
 Buildings Division No.1
 Kawalpindi

(P.H PORTION) MAIN BUILDING

Sr. No.	Detail of Work	Qty	Unit	Rate	Amount
1	Providing and fitting European Coupled set of Water Closet (WC) and flushing Cistern of PORTA brand (full size) i/c the cost of CP / rubber connection, thimble, seat cover and rawal bolts complete in all respect as approved / directed by the engineer incharge.	4	Each	20022.90	80092
2	Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with foot rest. White	8	Each	2,236.30	17890
3	Providing and fitting plastic made low down flushing cistern 13.63 litre (3 gallons) capacity, including bracket set, copper connection, etc. complete. White	8	Each	2,670.50	21364
4	Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc. Under Counter Vanity Basin	8	Each	7,347.45	58780
6	Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of 3-No Tee stop cocks, lever type Basin Mixer, double Bib Cock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge				
	3 No Tee Stop Cock	7	Each	2,099.00	14693
	Lever Type Basin Mixer	8	Each	6,539.00	52312
	Open Type Wall Shower	6	Each	18,539.00	111234
	Waste Coupling	8	Each	599.000	4792
	Double Bib Cock	12	Each	1,739.00	20868
	Muslim shower	12	Each	2,219.00	26628
7	Providing, laying, cutting, jointing, testing and disinfecting G.I. pipe line in trenches, with socket joints, using G.I pipes of B.S.S. 1387-1967 complete in all respect, with specials and valves 1" dia IIL medium quality.				
8	Providing, laying, cutting, jointing, testing and disinfecting G.I. pipe line in trenches, with socket joints, using G.I pipes of B.S.S. 1387-1967 complete in all respect, with specials and valves 1/2" dia IIL medium quality.	1200	P.R.ft	324.4	389280
9	Providing, laying, cutting, jointing, testing and disinfecting G.I. pipe line in trenches, with socket joints, using G.I pipes of B.S.S. 1387-1967 complete in all respect, with specials and valves 3/4" dia IIL medium quality.	100	P.R.ft	168.5	16850
10	Providing, fixing, testing and commissioning of µ-PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe make of dadex /Popular/Beta/BBJ plain /socket ended conforming to code EN-1401 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge.Type (SDR 32.5/SN-8) 4" dia	400	P.R.ft	216.2	86480
11	Ditto 3" dia	600	R.ft	260.7	156420
		360	R.ft	163.85	58986

12	Ditto 2" dia	160	R.ft	89	14240
16	Providing and fixing 4" gully trap i/c concrete chamber complete.	12	Each	1175.8	14110
17	Providing and fixing BATHROOM ACCESSORIES (7-piece set) MASTER BRAND - One Cosmetic Shelf, One Towel rod with bracket, One soap dish, One double hook, One towel ring, brush holder, toilet paper holder & looking glass i/c the cost of hardwares etc complete in all respect as approved and directed by the Engineer incharge. Plastic soap dish	8	Each	1200.00	9600
	Plastic toilet paper holder	4	Each	900.00	3600
	Plastic towel rail	8	Each	1400.00	11200
	Plastic shelf 60x13 cm (24"x5") bracket and railing	8	Each	900.00	7200
	Plastic Brush holder	8	Each	900.00	7200
	Looking glass with plastic frame	8	Each	1700.00	13600
	Towel ring	4	Each	600.00	2400
	Add 3% Contingency			Total	1080472
				Total	32414
				Say Rs.	1112886
					1113000


 Sub-Divisional Officer
 Buildings Sub Division
 Kotli Sattian


 Executive Engineer
 Buildings Division No.1
 Rawalpindi

EXTERNAL DEVELOPMENT

S.#	Detail of Work	No.	Measurements			Qty	Unit	Rate	Amount
			L.	B.	H.				
EXTERNAL ROAD									
1	Dismantling cement concrete 1:2:4 plain.								
	From Gate to Parking	1	28	16	1/3	147.8			
	toward Medicine Store	1	110	12	1/3	435.6			
2	P/L of C.C(1:4:8) using brick or stone ballast 1-1/2 to 2" gauge in F&P					583.4	%Cft	11,209.45	65400
	From Gate to Parking	1	28	16	1/2	224.0			
	toward Medicine Store	1	110	12	1/2	660.0			
3	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and complete (including screening and washing of stone aggregate): 1:2:4 Ratio					884.0	%Cft	26,229.30	231867
	From Gate to Parking	1	28	16	1/3	147.8			
	toward Medicine Store	1	110	12	1/3	435.6			
	Toe walls topping	1	60	2	1/4	30.0			
4	Excavation in foundation of buildings, Bridges and Other Structure i/c deg building, dressing, refilling around Structure With excavated earth lead up to 1 chain and lift up to 5' in Hard Soil.					613.4	%Cft	37764.95	231665
	Bldg Left side toe wall	1	60	2	2	240.0			
5	P/L of C.C(1:6:12) using brick or stone ballast 1-1/2 to 2" gauge in F&P					240.0	%0Cft	11,988.50	2877
	Bldg Left side toe wall	1	60	2	1/2	60.0			
6	Coursed rubble masonry Hammer dressed in (1:6) Foundation Plinth.					60.0	%Cft	22,577.60	13547
	Bldg Left side toe wall	1	60	2	3	360.0			
7	Pointing on stone work raised:- in cement mortar 1:3					360.0	%Cft	24,648.85	88736
	Bldg Left side toe wall	1	60		1 1/2	90.0			
						90.0	%Sft	4767.10	4290
Sewer Line									
1	Earth work Excavation in earth work in open cutting for sewer and manhole in all kind of soil except shingle from 0' to 7' hard soil								
	Sewer line back side	1	250	2 1/2	2 1/2	1562.5			
2	Providing and laying R.C.C. pipe sewers, moulded with cement concrete 1:1½:3 conforming to ASTM Specification C-76-20, Class II, Wall B, including carriage of pipe from factory to site of work, lowering in trenches to correct alignment and grade, jointing with rubber ring, cutting pipes where necessary, testing, etc., complete. i) 310 mm (12") i/d					1562.5	%0Cft	10,685.70	16696
	Sewer line back side	1	250			250.0	P.Rft	697.3	174313

MANHOLES 8 NOS


3	Earth work Excavation in earth work in open cutting for sewer and manhole in all kind of soil except shingle from 0' to 7'	8	6	6	3 1/2	1008.0						
4	P/L of C.C(1:6:12) using brick or stone ballast 1-1/2 to 2" gauge in F&P					1008.0	%0Cft	10,685.70	10771			
5	Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and other structural members complete in all respects:- 1:2:4.	8	6	6	1/2	144.0	%Cft	22577.6	32512			
	Bed	8	6	6	3/4	216.0						
	Side Walls 2x(15+5.50)	16	3 3/4	3/8	5 1/2	123.8						
	Centre walls	16	3	3/8	5 1/2	99.0						
6	Coursed rubble masonry Hammer dressed in (1:6) Foundation Plinth. 6X2X(6+3)					438.8	P.Cft	443.90	194761			
7	Plain cement concrete 1:2:4 i/c placing, compacting , finishing and curing complete	16	9	1 1/2	4 1/2	972.0	%Cft	24648.85	239587			
8	Cement plaster 1:4 upto 20' (6.00 m) height:-1/2" (13 mm) thick 10X2X(3+3)	8	3	3	1/3	23.8						
	RCC work 1:2:4 in roof, slab, beams, column, lintel and other structural members i/c curing complete in all respect	16	6		4 1/6	399.4						
	Slab	8	6	6	1/3	95.0						
	d/d manhole cover	-8	3 1/7	3/4	1/3	-6.4						
10	Fabrication of mild steel reinforcement for cement concrete i/c cutting, bending, laying in position, welding and fastening i/c cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from the bars) deformed	95	6 3/4	4/9		291.3	%Kg	31577.4	91969			
11	Providing and fixing 6" thick R.C.C. manhole cover with tee shaped C.I. frame of 22" I/d (frame weighing 37.324 Kg. or one maund as per Standard Drawing STD/PD No. 6, of 1977, complete in all respect.	8				8	Each	15,142.75	121142			
	Add 3% Coningency							TOTAL	1586447			
								TOTAL	47593			
								Say Rs.	1634041			


mp
 Sub Divisional Officer
 Buildings Sub Division
 Kotli Sattian

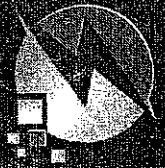
Executive Engineer
 Buildings Division No.1
 Rawalpindi

"GATE & GATE PILLER"

S#	Description of item	No	Measurements			Qty	unit	Rate	Amount
			L.	B.	H.				
1	Removing door with chowkat.	1				1			
						Total	Each	448.45	
2	Dismantling cement concrete reinforced, separating reinforcement from concrete, cleaning and straightening the same.					1			
						Total	Each	448	
3	Excavation in foundation of building, bridges and other structures, including daggelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) in hard soil.	3	1.5	1.5	8	54			
						Total	%Cft	18342.70	
4	Cement concrete stone or Brick Ballast 1-1/2" to 2" guage in foundation and plinth. 1:4:8	3	4	4	3	144			
						Total	%0Cft	11988.50	
5	R.C.C. work in base slab of raft strip foundation base, slab, column & R/Wall etc 1:2:4 Plinth ratio.	3	4	4	0.5	24			
						Total	%Cft	26229.30	
6	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars) Deformed Bars. (40 Grade)	3	4	4	0.75	36			
						Total	P.Cft	443.90	
7	Pucca Brick Work other than building upto 10' height 1:4	97	6.75	0.454		296			
	3x4					Total	% Kg	31577.35	
8	Cement pointing struck joint on walls upto 20' (6.00 m)	12	1.875	0.375	9	76			
	3x4					Total	%Cft	36780.85	
9	P/F Steel grated door comprising of M.S angle iron 2x2x3/8 & 3/4" sq bar 4 with looking arrangement complete	12	2.25		9	243			
	(2929.35+588.00)= 3517.35					Total	%Sft	4275.45	
10	Painting to doors & windows any type 3 coats on new surface.	1	14	6		84			
	Take double of total area of gate or above item 2x96	1	4	6		24			
						Total	P.Sft	2385.95	
11	P.C.C 1:2:4 complete with finishing, curring complete.	2	96			192			
						Total	%Sft	2770.70	
12	Deduction cost of old material	3	2.25	2.25	0.25	4			
	Door	-2				Total	%Cft	37764.95	
	Old rusted U/S steel	-54	4.75	0.45		-2	Each	2000.00	
						-115	P.Kg	80.00	
								-9234	
	Add 3% contingency						Total	434032	
								13021	
							Total	447053	
							Say Rs.	447000	


 Sub Divisional Officer
 Buildings Sub Division
 Kotli Sattian


 Executive Engineer
 Buildings Division No. 1
 Rawalpindi



Electro Whiz

Engineering Services Pvt. Ltd.

Let us take care of your Electrical needs!

EW/QT/C&W-004-22C

August 15, 2022

ATTN:

Mr. RIAZ
SDO. C&W, KOTLI SATTIYAAN.

Subject: QUOTATION FOR SUPPLY & INSTALLATION OF FIRE FIGHTING WORKS.

Dear Sir,

We thank you for the subject inquiry, please find enclosed our offers for the supply of subjected items for your kind consideration.

(A)

(13)

S/N	UNITS NAME	QTY	UNIT PRICE	AMOUNT
1	FIRE FIGHTING PUMPING SET INCLUDING ONE ELECTRIC MOTOR DRIVEN PUMP, ONE DIESEL ENGINE DRIVEN PUMP & ONE JOCKEY PUMP. COMPLIANCE WITH NFPA - 20 STANDARDS HAVING RATING OF 300GPM WITH 7 BAR PRESSURE. COMPLETE IN ALL RESPECT. BRAND: NAFFCO / GRUNDFOS / EQ ORIGIN: UK	01 No.	3,545,000	3,545,000
2	SELF STANDING SINGLE DOOR FIRE HOSE REEL CABINET COMPLETE IN ALL RESPECT.	04 No.	48,900	195,600
3	WALL MOUNTING BREACHING INLET 2 WAY WITH CABINET & NON RETURN WALL. COMPLETE IN ALL RESPECT. BRAND: NAFFCO / EQ ORIGIN: UAE	01 No.	53,200	53,200
4	SEAMLESS SCHEDULE 40 PIPING - BLACK DIA: 3" MAKE: PROTEK / EQ	80 Ft.	2,265	181,200
5	SEAMLESS SCHEDULE 40 PIPING - BLACK DIA: 2.5" MAKE: PROTEK / EQ	100 Ft.	1,895	189,500
6	SEAMLESS SCHEDULE 40 PIPING - BLACK DIA: 2" MAKE: PROTEK / EQ	100 Ft.	1,350	135,000
7	SEAMLESS SCHEDULE 40 PIPING - BLACK DIA: 1.5" MAKE: PROTEK / EQ	200 Ft.	1,200	240,000
8	SEAMLESS SCHEDULE 40 PIPING - BLACK DIA: 1.25" MAKE: PROTEK / EQ	200 Ft.	895	179,000

Head Office: Office # 01, 3rd Floor,
Moscow Plaza, Jinnah Avenue, Blue Area, Islamabad.
Factory: Street # 02 Near Post Office, Tarlai, Islamabad.
Tel: 051-8748106 | Fax: 051-8748105
| electrowhizengineeringervices@gmail.com



Electro Whiz

Engineering Services Pvt. Ltd.

Let us take care of your Electrical needs!

EW/QT/C&W-004-22C

August 15, 2022

ATTN:

Mr. RIAZ
SDO, C&W, KOTLI SATTIYAAN.

Subject: QUOTATION FOR SUPPLY & INSTALLATION OF FIRE FIGHTING WORKS.

Dear Sir,

We thank you for the subject inquiry. please find enclosed our offers for the supply of subjected items for your kind consideration.

2/3

Sl. No.	ITEM'S NAME	QTY	UNIT	AMOUNT
9	SEAMLESS SCHEDULE 40 PIPING - BLACK DIA: 1" - MAKE: PROTEK / EQ.	900 Ft.	699	629,100
10	ALL TYPE OF FITTINGS LIKE ELBOW, TEE, BEND, REDUCER, FLANGES COMPLETE IN ALL RESPECT.	01 Job	250,000	250,000
11	GATE VALVE 3" MAKE: GALA USA	02 No.	7,500	15,000
12	NON RETURN VALVE 3" MAKE: GALA USA	02 No.	7,500	15,000
13	Y TYPE STRAINER 3" MAKE: GALA USA	02 No.	7,500	15,000
14	ZONE CONTROL VALVE 3" MAKE: GALA USA	02 No.	26,800	53,600
15	PRESSURE GAUGE STANDARD MAKE: GALA USA	02 No.	12,200	24,400
16	AUTO AIR RELEASE VENT 4" MAKE: BRAYON / EQ	01 No.	7,500	7,500
17	WATER SPRINKLERS SIDE WALL TYPE K FACTOR 5.6, 1/2" NPT CHROME FINISHED MAKE: TYCO / EQ	120 No.	1,710	205,200
18	FIRE EXTINGUISHERS CO2 5KG MAKE: CHINA	04 No.	8,400	33,600
19	FIRE EXTINGUISHERS DCP 6KG MAKE: CHINA	04 No.	2,730	10,920
TOTAL				5,277,820

Add 17% GST = 898,411.611 = 10/62229

Total = 6994049

Add 11% Cont. Tax = 769345

Head Office: Office # 01, 3rd Floor,
Moscow Plaza, Jinnah Avenue, Blue Area, Islamabad.
Factory: Street # 02 Near Post Office, Tariq, Islamabad.
Tel: 051-8748106 | Fax: 051-8748105
electrowhizengineeringervices@gmail.com

G. Total = 7763394

[Signature]
Sub Divisional Officer
Rural & Sub Division



Electro Whiz

Engineering Services Pvt. Ltd.

Let us take care of your Electrical needs!

EW/QT/C&W-004-22C

August 15, 2022

ATTN:

Mr. RIAZ
SDO, C&W, KOTLI SATTIYAAN.

(3/2)

General Terms & Conditions

Completion: as per discussion.

Taxes **17% GST is not included, Will be Charged in Final invoice.**

Validity: These rates will remain valid up to 25 days.

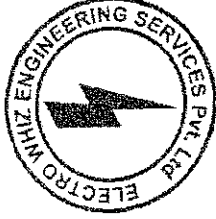
Payment 70% advance, 20% on Equipment Arrival, Balance on Completion.

Terms:

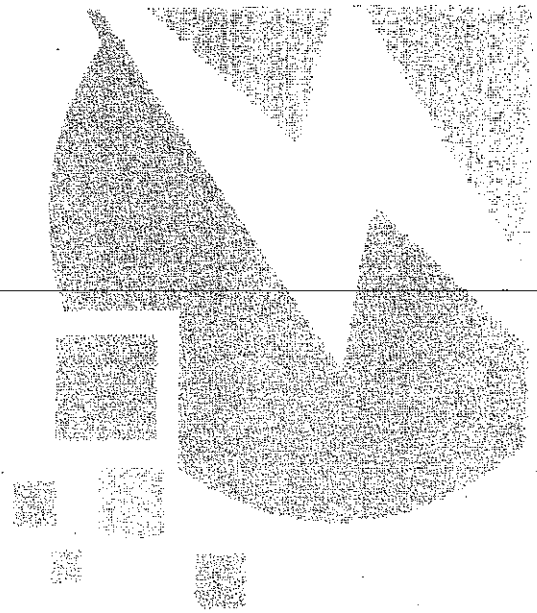
***ANY SUDDEN HIKE IN DOLLAR WILL AFFECT TOTAL PRICE.**

Hope you will find these according to your requirements and will allow us to serve you in the best way. We will be waiting to hear positive from your side.

Thanking you, we remain
your's sincerely,



Engr. TAYYAB RAZA
SALES & TECHNICAL ENGINEER
0301 - 7021307



Head Office: Office # 01, 3rd Floor,
Moscow Plaza, Jinnah Avenue, Blue Area, Islamabad.
Factory: Street # 02 Near Post Office, Tariqai, Islamabad.
Tel: 051-8748106 | Fax: 051-8748105
| electrowhizengineservices@gmail.com



EW/QT/C&W-003-22C

August 15, 2022

ATTN:

Mr. RIAZ

SDO, C&W, KOTLI SATTIYAAN.

Subject: QUOTATION FOR FIRE ALARM & DETECTION WORKS.

Dear Sir,

We thank you for the subject inquiry, please find enclosed our offers for the supply of subjected items for your kind consideration.

Ⓟ
1/2

S.N	UNITS NAME	QTY	UNIT	AMOUNT
1	ADDRESSABLE 2 LOOP FIRE ALARM CONTROL PANEL WITH BATTERIES BRAND: HONEYWELL / ASENWARE ORIGIN: UK	01 No.	395,000	395,000
2	SMOKE DETECTORS WITH BASE BRAND: HONEYWELL / ASENWARE ORIGIN: UK	105 No.	12,500	1,312,500
3	HEAT DETECTORS WITH BASE BRAND: HONEYWELL / ASENWARE ORIGIN: UK	02 No.	12,500	25,000
4	MANUAL CALL POINT BRAND: HONEYWELL / ASENWARE ORIGIN: UK	07 No.	13,750	96,250
5	SOUNDER / FLASHER BRAND: HONEYWELL / ASENWARE ORIGIN: UK	07 No.	15,890	111,230
6	COMPLETE WIRING & INSTALLATION OF DEVICES WITH COFIGURATION INCLUDING 1.5mm 2 CORE CABLE, FLEXIBLE PIPE / JOINTS COMPLETE IN ALL RESPECT.	121 No.	5,500	665,500
7	TESTING & COMISSIONING	01 Job	130,000	130,000
TOTAL				3,552,568

Handwritten signature
Add 17% GST = 465032
Total = 3200512

Head Office: Office # 01, 3rd Floor,
Moscow Plaza, Jinnah Avenue, Blue Area, Islamabad.
Factory: Street # 02 Near Post Office, Tarlai, Islamabad.
Tel: 051-8748106 | Fax: 051-8748105
electrowhizengineeringervices@gmail.com

Add 11% cont. profit = 352056

Handwritten signature
G. Total = 3552568/-
Sub Divisional Officer



Electro Whiz
Engineering Services Pvt. Ltd.

Let us take care of your Electrical needs!

EW/QT/C&W-004-22C

August 15, 2022

ATTN:

Mr. RIAZ

SDO, C&W, KOTLI SATTIYAAN.

(2/2)

General Terms & Conditions

Completion: as per discussion.

Taxes **17% GST is not included, Will be Charged in Final invoice.**

Validity: These rates will remain valid up to 25 days.

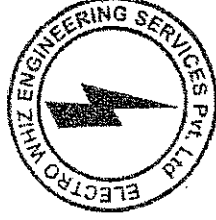
Payment 70% advance, 20% on Equipment Arrival, Balance on Completion.

Terms:

***ANY. SUDDEN HIKE IN DOLLAR WILL AFFECT TOTAL PRICE.**

Hope you will find these according to your requirements and will allow us to serve you in the best way. We will be waiting to hear positive from your side.

Thanking you, we remain
your's sincerely,



Engr. TAYYAB RAZA
SALES & TECHNICAL ENGINEER
0301 - 7021307

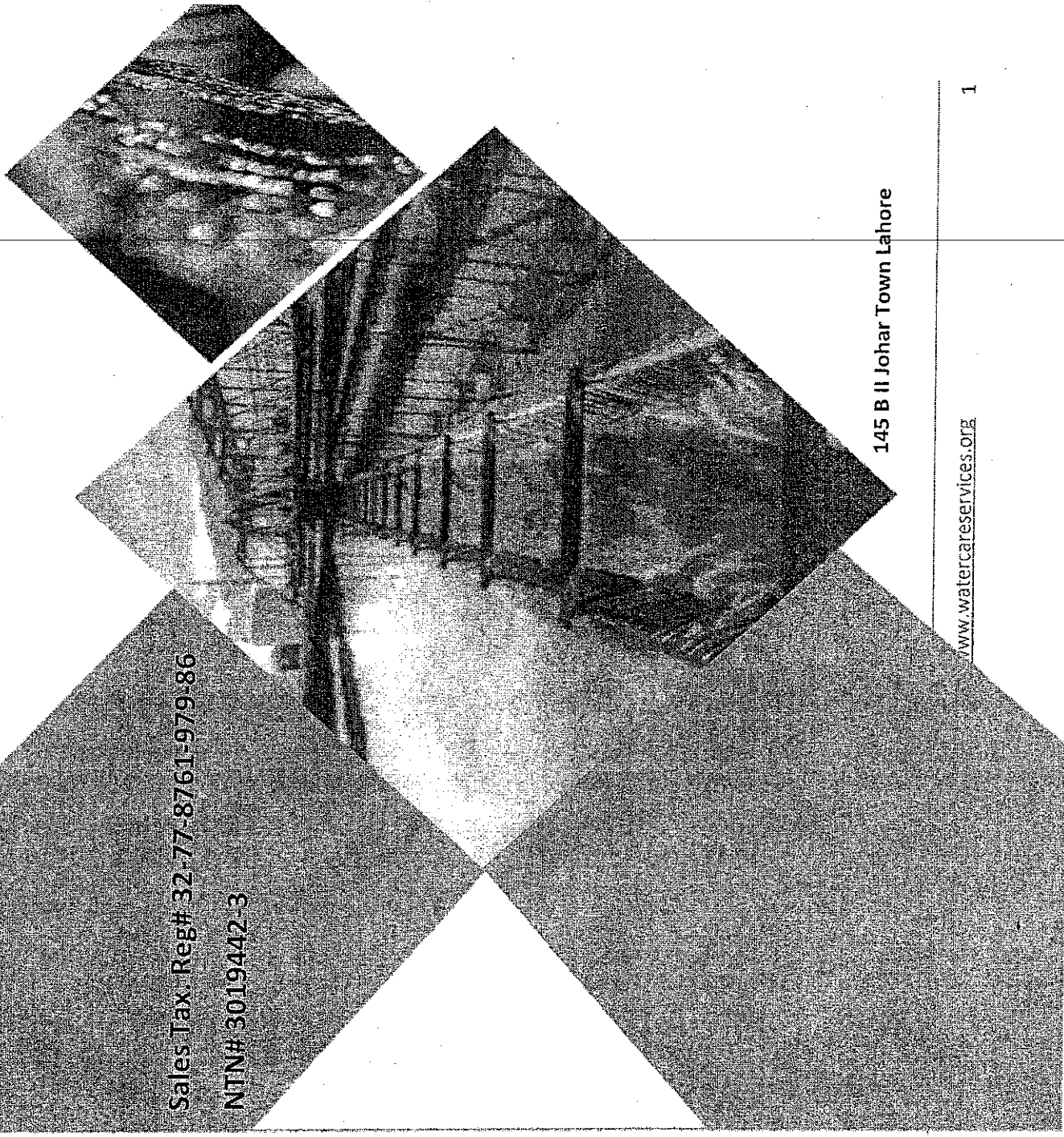
Head Office: Office # 01, 3rd Floor,
Moscow Plaza, Jinnah Avenue, Blue Area, Islamabad.
Factory: Street # 02 Near Post Office, Tarlai, Islamabad.
Tel: 051-8748106 | Fax: 051-8748105
electrowhizengineeringservices@gmail.com

WCSP 2022



WATER CARE SERVICES PAKISTAN (WCSP)

Quotation Document



Sales Tax Reg# 32-77-8761-979-86

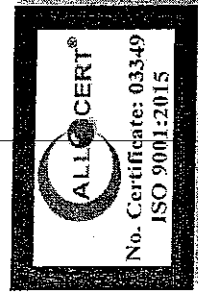
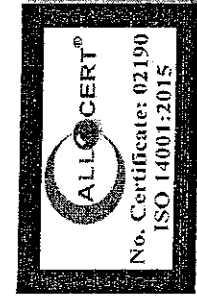
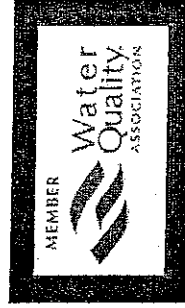
NTN# 3019442-3

145 B II Johar Town Lahore

www.watercareservices.org

1

To: Mr. Malik Riaz
Project Title: 2 m3/hr. RO
Proposal No: WCSP/RO/Q-2022-08
Model ID: RO-2 m3/hr.
REV No.: 00
Location: Institute Of Urology and Transplantation
Client Id: CNW
Date: 16-08-2022
Submitted by: Abdul A. Khurram
(03214105491)



1 Contents

Introduction.....4

Scope of Work5

P&ID and PFD.....6

Design Basic.....8

Electro-Mechanical Equipment's.....9

Commercial.....10

Payment Terms:.....10

Tasks at Client End.....11

Warranty/ Guarantee12

Warranty Details.....12

Additional Benefits.....12

Business Terms Agreement.....13

Introduction

Water Care Services Pakistan (WCSP) was established in 2007. We are a total water management company, with a rich talent of water treatment, innovative environmental management and wastewater treatment system. WCSP claims of A Total Water Management Company which makes it distinguished and a single source of Industrial Water management with international credibility. WCSP holds national & International memberships and accreditations. We are specialized in Total Water Management comprising of project management, designing, fabrication of equipment, installations, erection and commissioning. Our focus is to execute projects on turnkey basis. Our scope of services in Total Water Management (TWM) is Boiler water, Cooling Water, RO water plants, Effluents, special water treatment chemicals, chemical free water treatment and quality assurance water testing kits and programs. We have more than 150 industrial clients spread in the region. We evolve & develop water and environmental management systems. WCSP owns an R & D lab, where we develop solutions as per industrial requirements, so we optimize and evolve technology. Water is our passion, and we take it as a noble cause. We have qualified staff, including engineers, chemist, environmentalist & fabricators. Our team dedicatedly work for water & environmental challenges, and provide with an energy efficient, economical and relevant solution.

Our extended strength are our international consultants, patents subscriptions and research blogs. Our objective is to develop and run the system trouble free. uninterrupted & long-life. For more details please logon to www.watercareservices.org

Scope of Work

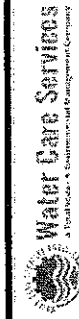
It includes the designing, fabrication, & installation of 2 m³/hr. water treatment Plant. It will provide 2 m³/hr. RO base equipment, which will take water at 60 Psi pump. Water passes through chlorination, sand filter, activated carbon filter, cartridge filters of 5 micron. Treated water from 5-micron filter bank is fed to skid mounted Reverse Osmosis process through high pressure pumps to eliminate all dissolved salts. After the RO system, passes through the UV and then directly used. RO based system with Gauges & controls will facilitate the operator to run & monitor system smoothly. From RO membranes, the amount of TDS reduces.

Sand filter gets clogged when it removes impurities from raw water, so when pressure difference drops to a certain value it will automatically run the backwash and will clean the filter. Backwash is usually done for 15 min.

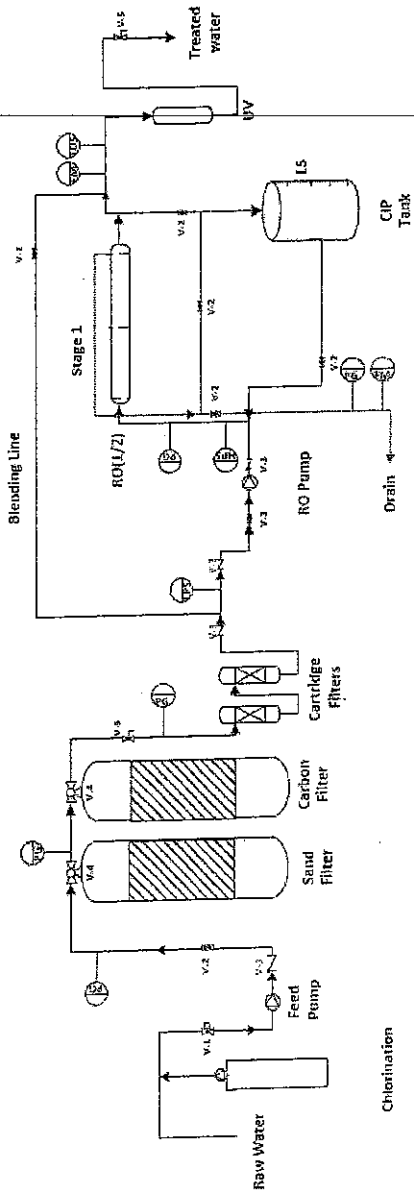
Our system also includes dosing of anti-scaling chemicals, these chemicals will reduce the formation of scale in pipes as well as on membranes and will improve the life of the system.

The technology is environment friendly & reduces your chemical cost. Many references are available throughout Pakistan.

P&ID and PFD



2 m3/hr-RO Based Water Treatment Plant

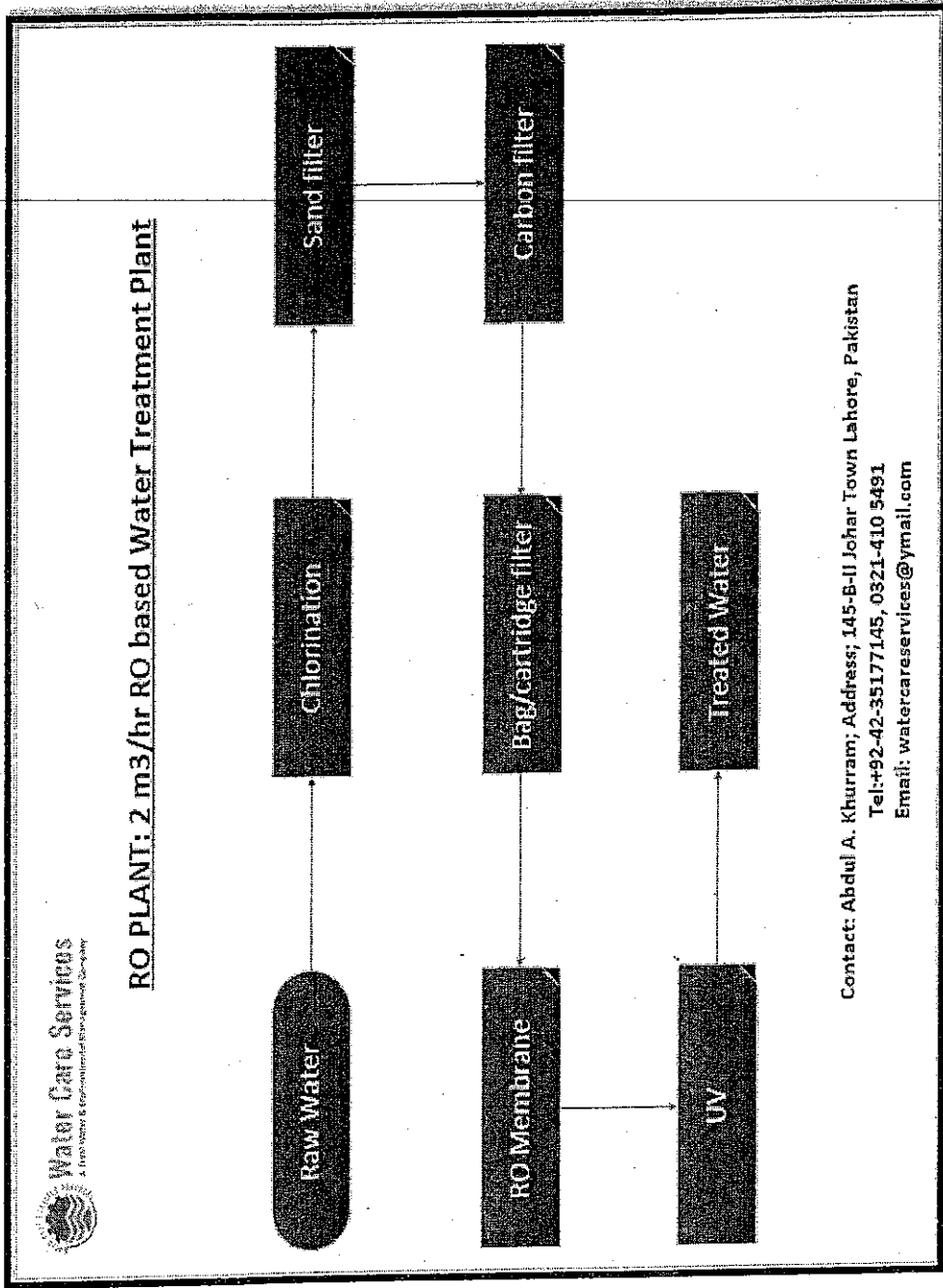


Chlorination

PS Pressure switch LS Level switch
 V-1 = Solenoid Valve V-5 = Sampling Port
 V-2 = Ball Valve FM= Flow Meter
 V-3 = Non returned Valve PG = Pressure Gauge
 V-4 = Multipost valve TDS= Total dissolved solids
 TDS Low Pressure Switch TDS High Pressure Switch

Contact: Abdul A. Khurram; Address; 145-B-II Johar Town Lahore, Pakistan
 Tel:+92-42-35177145, 0321-410 5491
 Email: watercareservices@ymail.com

Figure 1: PFD for RO



Design Basic

Sr. No.	Parameter	Unit	Value
1	Feed Flow	m ³ /Hr.	4
2	Inlet TDS	mg/l	500
3	Final TDS	mg/l	<20
5	Product Flow	m ³ /hr.	2

PLANT DESIGN BASIC

Plant is designed on the basis of special software & advanced engineering calculations. Design will also be wet from third party before going to start fabrications.

Electro-Mechanical Equipment's

Details				
Sr. No	Description	QTY	Make/model	Specifications
1	Skid Structure	1	WCSP	MS with enamel coating
2	Chlorine Dosing Station	1	Etatron	5 - 7 Liter/h, 7 bar, 80 L
3	Feed water pump	1	CNP	4 m ³ /hr, 60 psi
4	Sand Filter	1	Pentair/Equivalent	16" x 65", Multi grade sand, Manual, FRP
5	Activated Carbon Filter	1	Pentair/Equivalent	16" x 65", Activated Carbon, Manual, FRP
6	Cartridge Filter 5 Micron	2	China/Taiwan	5 Micron, 4" x 20"
7	RO High pressure pump	1	CNP	4 m ³ /hr, (200 psi), 3 phase
8	RO membrane	2	DOW / Equivalent	8"x40" TFC, Braekish
9	Pressure vessels	2	KDI	300 psi, no of membrane elements per shell: 1
10	Flow Meter	2	SHLLJ	As required
11	TDS Meter	1	CREATE	0-2000 ppm
12	Pressure Gauge	4	Truteller	0 ~ 250 Psi,
13	High Pressure Switch	1	Danfoss	0 - 200 psi
14	Low Pressure Switch	1	Danfoss	0 - 110 psi
15	High Pressure Throttle valve	1		1", stainless steel
16	Antiscalant Dosing System	1	Etatron	5 - 7 Liter/h, 7 bar, 80 L
17	Solenoid Valves	3		1"
18	Electrical Panel	1		<ul style="list-style-type: none"> • Panel Box • Magnetic Connector with Overload • Emergency Stop Switch
19	Pressure Pipes and Fitting		Dadex/ Equivalent	All pipes and fittings will be of uPVC
20	Raw & Product Water Tank	2	Life/ Equivalent	HDPE 500 Gallon
21	UV Lamp	1	Philips / Equivalent	SS, 55 W, 55 W
22	CIP System	1		Manual ports with 80 L Tank

Commercial

RO System Price	Rs.1,235,000/-
Installation	Inclusive
Water Distribution Header	Rs. 18,500/-

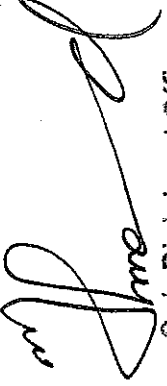
Total = 1253500
 Add 17% GST = 213095
 Total 1466595
 Add 11% Cont. Profit = 161325
 Total = 1627920 /-

Additional:

- GST (17%) is not added in above quotation.
- Freight to shift equipment at client side
- Room /Shed from weather protection will be at client side
- Boarding and lodging at client side
- Final sample charges from third lab will be client responsibility
- In pipe and fittings our quote price is contains on 10ft pipe over the specific quantity of joints and pipe will be charged separately.
- Price Validity: 01 Week

Payment Terms:

- 60% advance payment
- 30% before installation
- 10% after installation


 Sub Divisional Officer
 Buildings Sub Division
 Kottai Sattian

Tasks at Client End

1. Three Phase Electricity availability
2. Alternate energy arrangement
3. Electric earthing of equipment
4. Liaison & cooperation with our technical team
5. Fee payment for sample analysis time to time from some laboratories

Warranty/ Guarantee

Limited warranty is available on the operation of the system. Electrical parts are not under warranty.

Warranty Details

1. Warranty includes workmanship
2. No leakage
3. Pumps performance
4. System performance

Additional Benefits


- System developers, for details logon to www.watercareservices.org
- Strong Backup
- Company owns Lab for quality assurance
- Versatile disciplinary technical expertise
- Proactive
- Economical & quality conscious
- Low operation & maintenance cost
- Advance level documentation
- Training


www.watercareservices.org

ANALYSIS OF RATE

Supply and laying Antistatic Vinyl Flooring with copper mesh jointless welding in same colour 2mm thick 1/c labour etc (as specified in the quotation) and as approved and directed by the Engineer incharge.

S.No.	Material.	Description	Quantity		Unit Rate Each		Amount
			No.	Each	Rate per unit (Rs)	Amount	
1		Cost of Antistatic Vinyl Flooring with copper mesh jointless welding in same colour 2mm thick 1/c labour etc (as specified in the quotation)	1		430	Each	430
		Total					430
		20% contractor's					86
		Total				Total Rs	516
						Say Rs	516



Sub Divisional Officer
 Buildings-Sub Division
 Murree.

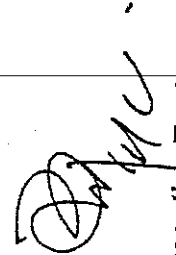

Executive Engineer
 Building Division No.1
 Rawalpindi

ANALYSIS OF RATE

S/E of PVC Antibacterial wall cladding (BioCode UK) back stature G.I from 18 Gauge 12mm thick Gypsem board will be fixed on brick wall to apply 2mm thick antimicrobial wall oven 14 to 16mm thickness joints will be heat welded in same colour (as specified in the quotation) and as approved and directed by the Englnmer Incharge.

S.No.	Material	Description	Quantity		Unit Rate Each		Amount
			No.	Each	Rate per unit (Rs)	Amount	
1		Cost of PVC Antibacterial wall cladding (BioCode UK) back stature G.I from 18 Gauge 12mm thick Gypsem. board will be fixed on brick wall to apply 2mm thick antimicrobial wall oven 14 to 16mm thickness joints will be heat welded in same colour (as specified in the quotation)	1	No.	1490	Each	1490
		Total :					1490
		20% contractor's					298
		Total			Total Rs		1788
					Say Rs		1788


Sub Divisional Officer
 Buildings Sub Division
 Murree.


Executive Engineer
 Building Division No.1
 Rawalpindi

Marflex

PLASTIC INDUSTRY

THE SOLUTION TO YOUR SPACES



Attn: Ibrar Qaiser
 Project: THQ Hospital Rawalpindi

Date: 2-07-2022

Sl	Profile Specifications	Unit of Measurement	Unit Price	Quantity	Total Amount
1	Marflex Pvc Antibacterial Wall Cladding Approved by (BIOCODE UK) Back slature GI Frame 18G 12 mm Gypsum board will be fixed on brick wall to apply 2 mm thick anti microbial wall Overall 14 to 16 mm thickness. Joint will be heat welded in same color. wall sheet	sqft	1490	-	-
2	Lead Sheet Paneling in theater Size: 8x4 Thickness: 1.5mm With labour	sqft	850	-	-
3	Marflex Antibacterial Antistatic flooring with copper mesh jointless welding Same colour Thickness : 2mm With Labour	sqft	430	-	-
Total Amount					-

[Signature]
 Sub. Divisional Officer
 Building Sub Division
 Murree

[Signature]
 Executive Engineer
 Buildings Division No.1
 Rawalpindi

Terms & Conditions

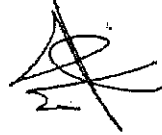
- 1) Applicable Taxes will be extra.
- 2) Work will resume after advance payment.
- 3) Payments terms will be 70% advance, 20% on material delivery and 10% on sitecomplete.
- 4) Goods once ordered cannot be changed.
- 5) Material delivery 5-7 days.
- 6) Transportation and labor accommodation will be on customer end.
- 7) 5% wastage will be on customer end.
- 8) Floor even Requires
- 9) This quotation is only valid for 15 days.

Shoaib Malik
Director Sales &
Marketing
03214431189

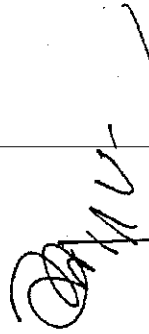
MARFLEX PLASTIC INDUSTRY

Partner

For any enquiry, reach out via email at projects@themarflexgroup.com or call on +92 3214431189



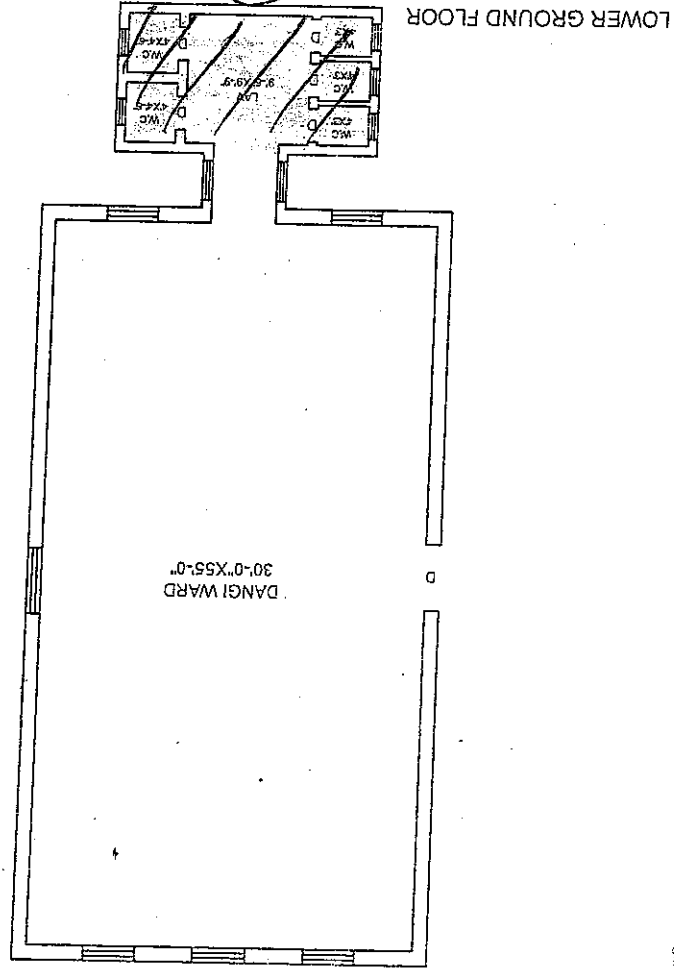
Sub Divisional Officer
Buildings Sub Division
Marripos



Executive Engineer
Buildings Division No.1
Rawalpindi

SITE PLAN FOR T.H.Q HOSPITAL KOTLI
SATTIAN AT RAWALPINDI

3



[Handwritten signature]
[Handwritten signature]
Executive Engineer
Buildings Division No. 1
Rawal Pindi

[Handwritten marks]

S.N	DESCRIPTION	NO	L	B	H	QTY	AMOUNT
-----	-------------	----	---	---	---	-----	--------

30 Painting doors and windows, any type 03 Coat new surface.
Take Qty. as per Item No.17

785.05+597.3+597.3=1979.65

31 Carriage of odd/job consignment by donkey carriage lead upto one mile.

460
460
RS. 11161

@ 2426.25

Total
% Sft

Qty take as per item No. 04
Qty take as per item No. 07

1359
1145
2504
501

Total

32 P/F M.S flat grill 1-1/2"x1/8" i/c 3/4"x1/8" M.S flat frame in window of approved design i/c painting 3 coats complete in all respect.

P.Job

@ 34.00

17030

F. Light.

34 Distemping 3 coats on new surface.
As per item No, 18

1 4.875
@ 498.05

1.375
P.Sft

7
RS. 3338

35 Excavation in rock dressed to design section grade and profile excavated material disposed off within 100 ft and lift upto 5 ft soft rock, slate, shale with pick and crow bar.

@ 1309.95

1512
RS. 19806

1 x 30 x 8 x (7+4+3) / 3

1120

36 P/F Reverse Osmosis Drinking water Filtration Plant Capacity 500-600 ltr LPH with blending UF membran complete in all respect as approved and directed by the Engineer Incharge

@ 19404.00

1120
RS. 21732

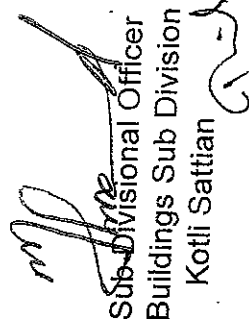
1 1627920
@ 1692000.00

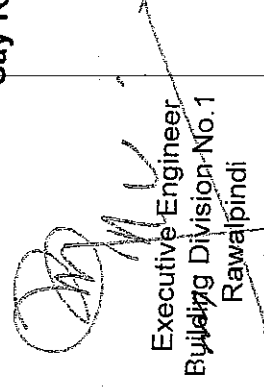
1
RS. 1627920

1692000

Total Rs: 4802348

Say Rs:- 4802348

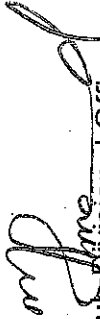

Sub-Divisional Officer
Buildings Sub Division
Kotli Sattian

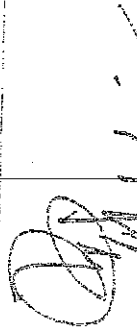

Executive Engineer
Building Division No.1
Rawalpindi

CONSTRUCION OF WATER FILTER PLANT ROOM I/C WATER FILTER PLANT

ABSTRACT OF COST

S.NO.	DESCRIPTION	AMOUNT.
1	BUILDING PORTION (G.Floor)	4802348
2	ELECTRIC INSTALATION.	53700
3	WATER SUPPLY NETWORK	507800
	TOTAL	5363848
	Add 3% Coningency Charges	160915
	TOTAL	5524764


Sub-Divisional Officer
Building Sub Division
Kotli Sattian


Executive Engineer
Buildings Division No.1
Rawalpindi

ROUGH COST ESTIMATE FOR THE WORK REVAMPING OF ALL THE HOSPITALS IN PUNJAB ONE IS THE HOSPITAL KOTLI SATTIAN, TEHSIL KOTLI SATTIAN, DISTRICT RAWALPINDI FOR THE YEAR 2022-23.

ABSTRACT OF COST

S. No.	Description	Plinth / Area Qty	Unit	B.P	Strip Fnd	P.H	E.I	Total	Amount	Remarks
1	Construction of Water Filtration Plant room i/c water filtration plant	1	Job	5524764					5524764	Rough Cost Estimate prepared on the basis of plinth area rates notified vide Chief Engineer (North Zone) Punjab Building Department Lahore memo No. CEBNZ/2346-50/D dated: 15-12-2021 & MRS 1st BI Annual 2022 for the period (1st Jan 2022 to 30th June 2022) for Murree.
2	Renovation / Improvement of Main Building.	1	Job	20118354					20118354	Detailed Attached
3	Reconstruction of Gate & Gate Pillars	1	Job	447000					447000	Detailed Attached
4	External development	1	Job	1634041					1634041	Detailed Attached
								Total:-	27724158	
	Add 5% PST								1386208	
	Add WAPDA Charges for dual connection								2000000	
								Total:-	31110366	
								Say Rs.	31.110	Million

Executive Engineer
Buildings Division NO.1
Rawalpindi

Sub Divisional Officer
Buildings Sub Division
Kotli Sattian

ROUGH COST ESTIMATE FOR THE WORK REVAMPING OF ALL THE HOSPITALS IN PUNJAB ONE IS THE HOSPITAL KOTLI SATTIAN, TEHSIL KOTLI SATTIAN, DISTRICT RAWALPINDI FOR THE YEAR 2022-23.

ABSTRACT OF COST

S. No.	Description	Plinth / Area Qty	Unit	B.P	Strip Fnd	P.H	E.I	Total	Amount	Remarks
1	Construction of Water Filtration Plan room /lc water filtration Plant	1	Job	5524764					5524764	Rough Cost Estimate prepared on the basis of plinth area rates notified vide Chief Engineer (North Zone) Punjab Building Department Lahore memo No. CEBNZ/2346-50/D dated: 15-12-2021 & MRS 1st Bi Annual 2022 for the period (1st Jan 2022 to 30th June 2022)-for Murree.
2	Renovation / Improvement of Main Building.	1	Job	19287473					19287473	Detailed Atteched
3	Reconstruction of Gate & Gate Pillars	1	Job	447000					447000	Detailed Atteched
4	External development	1	Job	1634041					1634041	Detailed Atteched
5	Fire alarm system	1	Job	7684668					7684668	Detailed Atteched
								Total:-	34577946	
	Add 5% PST								1728897	
	Add WAPDA Charges for dual connection								2000000	
								Total:-	38306843	
								Say Rs.	38.307	Million

Sub Divisional Officer
Buildings Sub Division
Kotli Sattian

EXECUTIVE ENGINEER

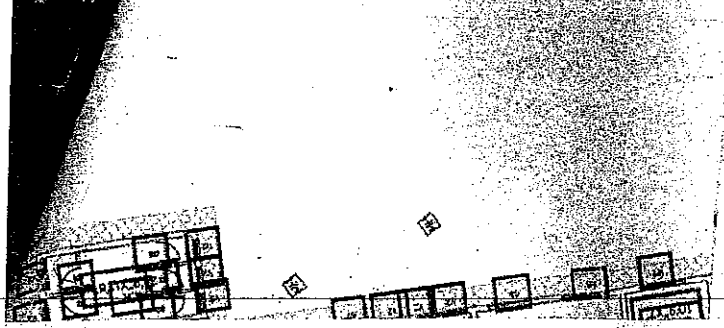
ROUGH COST ESTIMATE FOR THE WORK REVAMPING OF ALL THE HOSPITALS IN PUNJAB ONE IS THE HOSPITAL KOTLI SATTIAN, TEHSIL KOTLI SATTIAN, DISTRICT RAWALPINDI FOR THE YEAR 2022-23.

ABSTRACT OF COST

S. No.	Description	Plinth / Area Qty	Unit	B.P	Strip Fnd	P.H	E.I	Total	Amount	Remarks
1	Construction of Water Filtration Plan room i/c water filtration Plant	1	Job	5524764					5524764	Rough Cost Estimate prepared on the basis of plinth area rates notified vide Chief Engineer (North Zone) Punjab Building Department Lahore memo No. CEBNZ/2346-50/D dated: 15-12-2021 & MRS 1st BI Annual 2022 for the period (1st Jan 2022 to 30th June 2022) for Murree.
2	Renovation / Improvement of Main Building.	1	Job	19287473					19287473	Detailed Attached
3	Reconstruction of Gate & Gate Pillers	1	Job	447000					447000	Detailed Attached
4	External development	1	Job	1634041					1634041	Detailed Attached
5	Fire alarm system	1	Job	7684668					7684668	Detailed Attached
								Total:-	34577946	
									1728897	
	Add 5% PST								2000000	
	Add WAPDA Charges for dual connection									
								Total:-	38306843	
									38.307	Million

Executive Engineer
Buildings Division No.1
Rawalpindi

Sub-Divisional Officer
Buildings Sub Division
Kotli Sattian

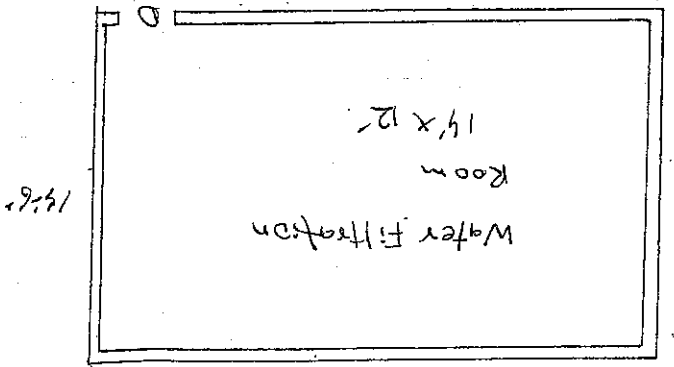


2	66.3	1	1	1	139	
4	21	1	1	1	84	
					217 P.S.R	382.80
						82876
					2253	
					573	
					1690 P.S.R	2534
					3251	54928
						88248

Sub Divisional Officer
 Buildings Sub Division
 Kottai Sattiam
 Add 15% For Edges
 by the Engineer Incharge.
 Polishing complete in all respect as per
 drawings and specifications and as directed
 using kailwood batton size 2"x1-1/2" @ 2' c/c
 on 1/2" thick lasni wood /lc cost of frame work
 grove 1/8" to 1/4" thick and strips to be fixed
 1/2" thick and 2.5" to 3" wide with provision of
 P/c kail wood false ceiling having strips of

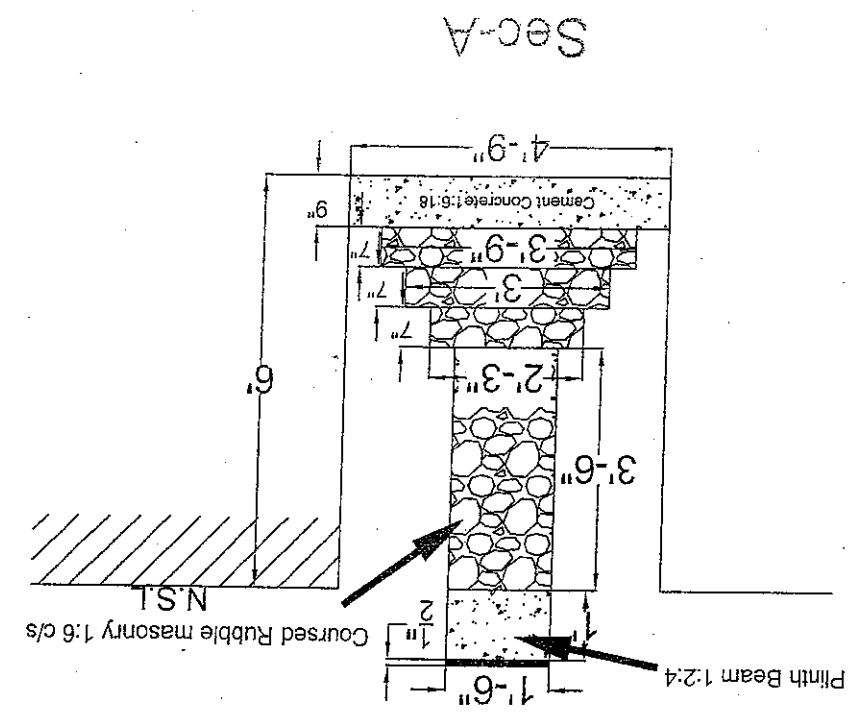
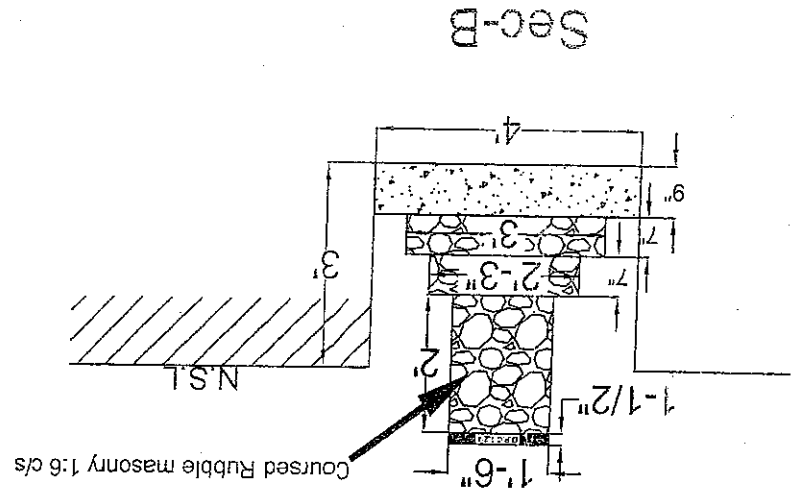
Executive Engineer
 Buildings Division No.1
 Kottai Sattiam
 (Signature)

Area: $16'6" \times 14'6" = 229 \text{ sq ft}$



16'6"

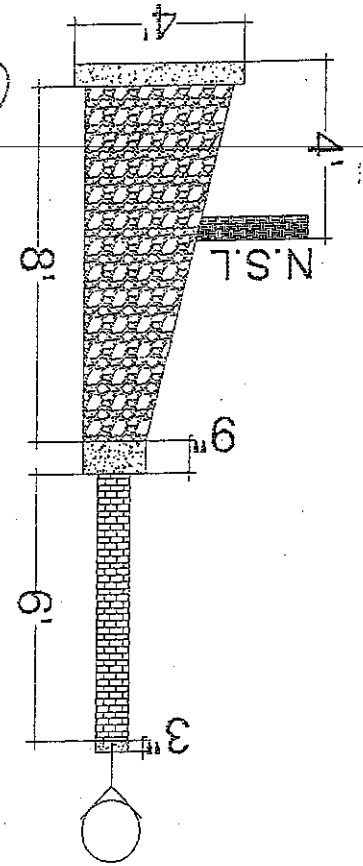
X-Sections of Deeper & Normal Foundation



Executive Engineer
Building Division No.1
Rawalpindi

Sub Divisional Officer
Building Sub Division
Murree

X. SECTION OF B. WALL



Handwritten notes and signatures:
M.F.
M.F.
M.F.
M.F.

Handwritten notes:
SUB-C
M.F.

8/29/2018



LEGENDS
 [Diagonal lines] PROPOSED FACILITY
 [Dotted pattern] RENOVATION & EXTENSION OF EXISTING FACILITY

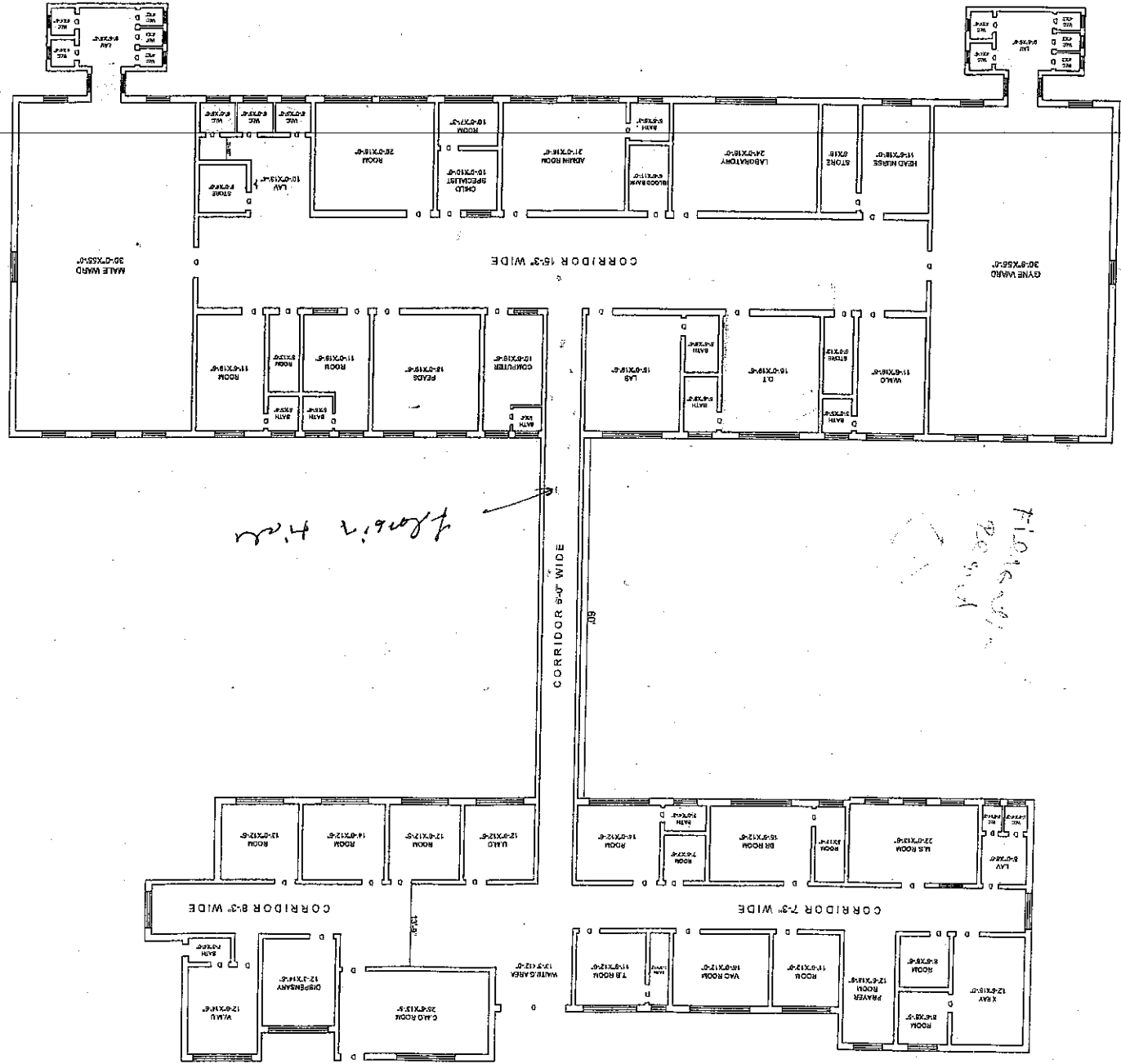
60'-0"
 B/Wall

[Signature]
 Engineer
 Division No. 1
 Bangalore

[Signature]
 Sub Divisional Officer
 Buildings Sub Division
 North Sattian

SITE PLAN FOR T.H.Q HOSPITAL KOTLI SATTIAN AT RAWALPINDI

Executive Engineer
Buildings Division No. 1
Rawalpindi



Handwritten note: Partition here

Handwritten note: FIG. 16/10/51
20/9/51

LEGEND
Wash Room
Window Grill
Partition wall
Tiles
Vapour film
Anti-Bacterial

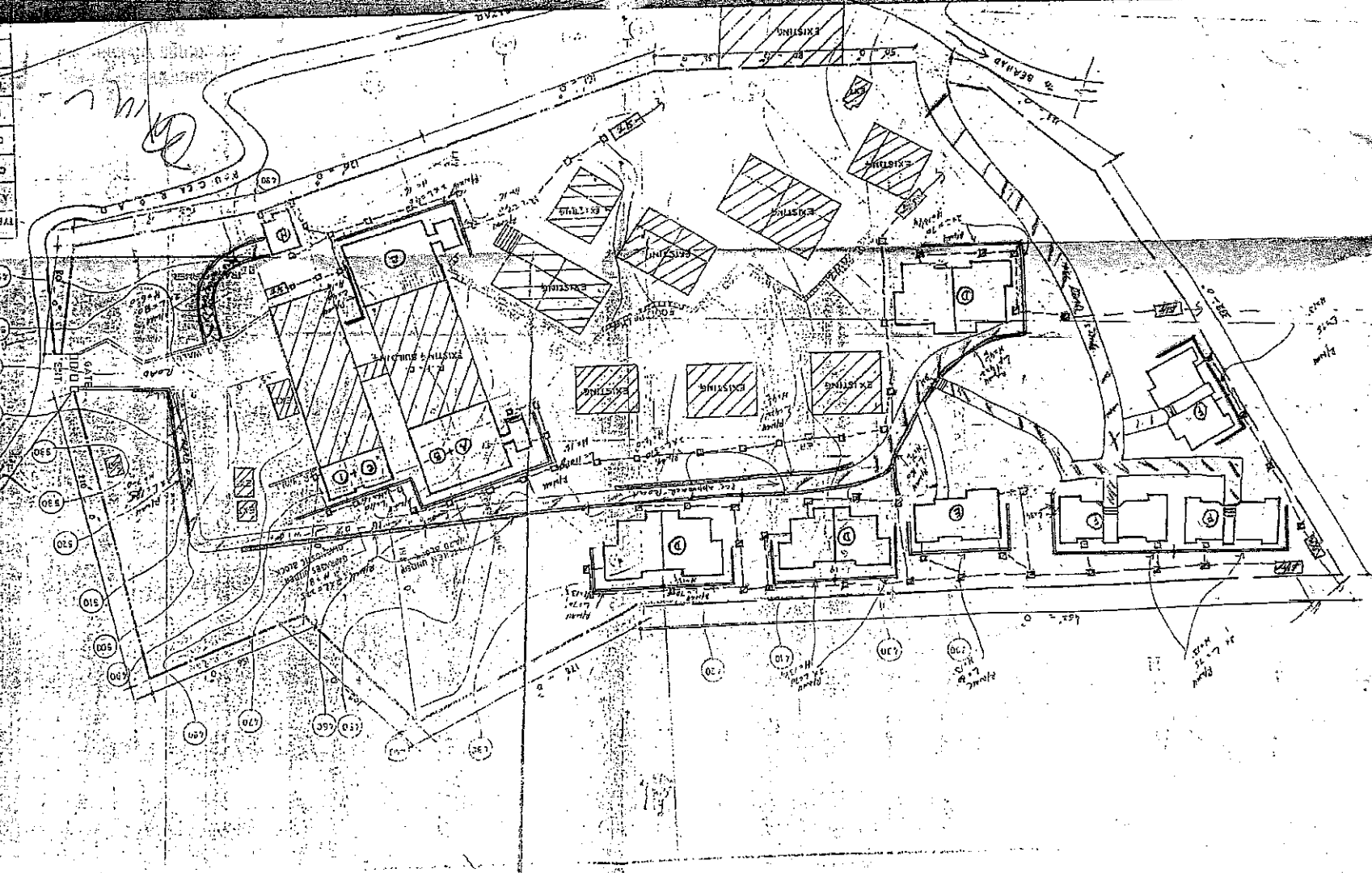
27

UP GRADATION RURAL HEALTH CENTER DISTRICT RAWALPINDI

(LAY-OUT PLAN)

DEPARTMENT OF HEALTH SERVICES
SUB-DIVISION OF HOSPITALS
BUILDINGS AND DIVISION
KATI SATIYA
PUNJAB

TYPE	NO. OF BLDG.	SCH. NO.	OP. NO.	AREA
A.B.	40	8	1	1288
B.	1	1	1	1288
C.	DIAGNOSTIC	1745	7	725
D.	RESIDENCE FOR	5407	04	3150
E.	RESIDENCE FOR	1949	3	1430
F.	RESIDENCE FOR	2472	4	950
G.	KITCHEN BLOCK	5571	3	1128
H.	RES.			



Abstract of Cost

Name of THQ Hospital	THQ Kotli Sattian											
Scope of work	Cost in million											
	Original			1st Revised			2nd Revised			3rd Revised		
	Capital	Revenue	Total	Capital	Revenue	Total	Capital	Revenue	Total	Capital	Revenue	Total
Capital component												
Internal Development	0.000	15.634	15.634	0.000	15.634	15.634	10.765	5.000	15.765	30.603	5.000	35.603
External Development	0.000	4.360	4.360	0.000	4.360	4.360	11.913	0.000	11.913	5.988	0.000	5.988
Water filtration plant	0.000	5.600	5.600	0.000	5.600	5.600	4.270	0.000	4.270	5.459	0.000	5.459
Total Capital Component	0.000	25.593	25.593	0.000	25.593	25.593	26.949	5.000	31.949	42.050	5.000	47.050
Emergency	0.000	19.046	19.046	0.000	19.046	19.046	0.000	25.656	25.656	0.000	43.596	43.596
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	50.172	50.172	0.000	50.172	50.172	0.000	66.044	66.044	0.000	97.790	97.790
Electricity	0.000	13.922	13.922	0.000	13.922	13.922	0.000	13.922	13.922	0.000	21.322	21.322
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	3.004	3.004	0.000	3.004	3.004	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	40.940	40.940	0.000	58.018	58.018
LC Deficit during procurement (currency fluctuation)								2.327	2.327		2.327	2.327
Total Revenue component	0.000	141.629	141.629	0.000	141.629	141.629	0.000	194.632	194.632	0.000	281.269	281.269
Outsourcing component												
Janitorial Services	0.000	12.581	12.581	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Security and Parking services	0.000	7.232	7.232	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Laundry Services	0.000	3.000	3.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maintenance (Generator)	0.000	1.670	1.670	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEP	0.000	3.685	3.685	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	4.558	4.558	0.000	0.048	0.048	0.000	0.048	0.048	0.000	0.048	0.048
Total outsourcing cost	0.000	40.774	40.774	0.000	0.048	0.048	0.000	0.048	0.048	0.000	0.048	0.048
Total	0.000	207.997	207.997	0.000	167.270	167.270	26.949	199.680	226.629	42.050	286.317	328.367
Contingency (1%) only on Civil Component	0.000	0.256	0.256	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Third party monitoring (TPM) (2%)	0.000	4.160	4.160	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grand Total	0.000	212.412	212.412	0.000	167.270	167.270	26.949	199.680	226.629	42.050	286.317	328.367

Emergency Equipment

Sr.	Area	ITEM DESCRIPTION	Original				1st Revised				2nd Revised				3rd Revised			
			Yard	Required Quantity	Actual Unit	Actual Total	Yard	Required Quantity	Actual Unit	Actual Total	Yard	Required Quantity	Actual Unit	Actual Total	Yard	Required Quantity	Actual Unit	Actual Total
53		patient stool * N	2	2	4,085	8,169	2	2	4,085	8,169	2	2	4,500	9,000	2	2	5,000	10,000
54		Portable x-rays (300 M.A)	1	1	3,450,350	3,450,350	1	1	3,450,350	3,450,350	1	1	4,300,000	4,300,000	1	1	9,800,000	9,800,000
55		Portable ultra-sound	1	1	1,403,325	1,403,325	1	1	1,403,325	1,403,325	1	1	1,500,000	1,500,000	1	1	2,400,000	2,400,000
		Total				19,045,530				19,045,530				25,656,235				43,596,200
						19.046				19.046				25.656				43.596

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 disinfectant	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 Temperature 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

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	Transformers (50 KVA)	0	300,000	-	0	300,000	-	0	300,000	-	0	300,000	-
4	Generator (200 KVA)	1	4,000,000	4,000,000	1	4,000,000	4,000,000	1	4,000,000	4,000,000	1	4,000,000	4,000,000
5	Generator (100 KVA)	0	2,300,000	-	0	2,300,000	-	0	2,300,000	-	1	3,400,000	3,400,000
6	2 Ton air conditioners (split)	29	55,500	1,609,500	29	55,500	1,609,500	29	55,500	1,609,500	29	55,500	1,609,500
7	2 Ton air conditioners (Cabinet)	18	78,000	1,404,000	18	78,000	1,404,000	18	78,000	1,404,000	18	78,000	1,404,000
8	4 Ton air conditioners (Cabinet)	3	120,000	360,000	3	120,000	360,000	3	120,000	360,000	3	120,000	360,000
9	Ceiling Fans 56"	50	3,090	154,500	50	3,090	154,500	50	3,090	154,500	50	3,090	154,500
10	Exhaust Fans	36	3,000	108,000	36	3,000	108,000	36	3,000	108,000	36	3,000	108,000
11	Bracket Fans 18"	72	3,280	236,160	72	3,280	236,160	72	3,280	236,160	72	3,280	236,160
12	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	9,000,000	9,000,000
	Total			13,922,160			13,922,160			13,922,160			21,322,160
				13.922			13.922			13.922			21.322

IT & QMS & Surveillance

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	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			1st Revised			2nd Revised			3rd Revised								
		Quantity	Unit Price	Total	Quantity	Unit Price	Total	Quantity	Unit Price	Total	Quantity	Unit Price	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		7169	951100	13,503,500	7169	951100	13,503,500	7169	951100	13,503,500	7169	1288300	18,787,500						
				13.504					13.504					13.504					18.788

Signage and plaques

		Original			1st Revised			2nd Revised			3rd Revised			
Sr No	Type	Kinds of Sign Boards	Quantity	Rates	Cost	Quantity	Rates	Cost	Quantity	Rates	Cost	Quantity	Rates	Cost
		External Sign Boards												
1	A1	External Platform/Road Signage (Circular)	6	9,812	58,872	6	9,812	58,872	6	13,951	83,706	6	13,951	83,706
2	A2	External Platform/Road Signage (Triangular)	6	8,976	53,856	6	8,976	53,856	6	12,762	76,574	6	12,762	76,574
3	B1	Main Directional Board	1	109,087	109,087	1	109,087	109,087	1	155,107	155,107	1	155,107	155,107
4	C1	Directional Board (Single Sheet)	10	14,016	140,160	10	14,016	140,160	10	19,929	199,290	10	19,929	199,290
5	C2	Directional Board (Two Sheets)	1	21,813	21,813	1	21,813	21,813	1	31,016	31,016	1	31,016	31,016
6	C3	Directional Board (Three Sheets)	1	29,244	29,244	1	29,244	29,244	1	41,581	41,581	1	41,581	41,581
7	C4	Directional Board (Four Sheets)	1	36,114	36,114	1	36,114	36,114	1	51,351	51,351	1	51,351	51,351
8	C5	Directional Board (Five Sheets)	1	43,858	43,858	1	43,858	43,858	1	62,360	62,360	1	62,360	62,360
9	C6	Directional Board (Six Sheets)	1	51,207	51,207	1	51,207	51,207	1	72,810	72,810	1	72,810	72,810
10	C7	Additional Panel (For Fixation on existing Foundation & Posts)	3	7,703	23,109	3	7,703	23,109	3	10,952	32,857	3	10,952	32,857
11	D1	Departmental Signage on Building	6	45,776	274,656	6	45,776	274,656	6	65,087	390,524	6	65,087	390,524
12	E1	External Map Boards	2	39,939	79,878	2	39,939	79,878	2	56,788	113,576	2	56,788	113,576
		Internal Signage	0		-	0		-	0		-	0		-
1	F1	Internal Hanging Signage (Main Entrance)	5	88,119	440,595	5	88,119	440,595	5	125,294	626,472	5	125,294	626,472
2	F2	Internal Hanging Signage (Main Entrance 2)	5	67,092	335,460	5	67,092	335,460	5	95,396	476,980	5	95,396	476,980
3	F3	Internal Hanging Signage (Corridor)	4	49,689	198,756	4	49,689	198,756	4	70,651	282,604	4	70,651	282,604
4	F4	Internal Hanging Signage (Corridor 2)	4	50,265	201,060	4	50,265	201,060	4	71,470	285,880	4	71,470	285,880
5	G1	Internal Department Signage on wall	7	12,709	88,963	7	12,709	88,963	7	18,071	126,498	7	18,071	126,498
6	H1	Specialist Name Plaques fixed on wall	20	3,653	73,060	20	3,653	73,060	20	5,194	103,880	20	5,194	103,880
7	J1	Room Name Plaques and Numbers fixed on wall	100	840	84,000	100	840	84,000	100	1,194	119,420	100	1,194	119,420
8	K1	Internal Wall Signage	100	1,380	138,000	100	1,380	138,000	100	1,961	196,140	100	1,961	196,140
9	L1	Room Numbers Fixed on Wall	50	3,501	175,050	50	3,501	175,050	50	4,978	248,920	50	4,978	248,920
10	M1	Advance Fire Exit Sign	10	1,782	17,820	10	1,782	17,820	10	2,534	25,340	10	2,534	25,340
11	M2	Fire Exit Sign Mounted Above the Door	10	1,233	12,330	10	1,233	12,330	10	1,753	17,528	10	1,753	17,528
12	N1	Fire Safety/Equipment Signage	20	2,361	47,220	20	2,361	47,220	20	3,357	67,144	20	3,357	67,144
13	P1	Floor Map Board	5	20,449	102,245	5	20,449	102,245	5	29,075	145,376	5	29,075	145,376
14	Q1	Caution Signage	25	2,107	52,675	25	2,107	52,675	25	2,996	74,900	25	2,996	74,900
15	Q2	Caution Signage	5	634	3,170	5	634	3,170	5	902	4,508	5	902	4,508
16	Q3	Caution Signage	10	1,109	11,090	10	1,109	11,090	10	1,576	15,764	10	1,576	15,764
17	Q4	Caution Signage	15	861	12,915	15	861	12,915	15	1,225	18,375	15	1,225	18,375
		Total			2,916,263			2,916,263			4,146,482			4,146,482
		Designing and Site Supervision			87,488			87,488			124,394			124,394
		Grand Total			3,003,751			3,003,751			4,270,877			4,270,877
					3.004			3.004			4.271			4.271

DAY CARE CENTER

Yard Stick as per Women Development 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
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
48	Stuffed toys (Animal shaped i.e. Moneyky, 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 Development Department

		Original			1st Revised			2nd Revised			3rd Revised			
Sr. No.	ITEMS	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 items etc.				-		-		-		-		-		
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	
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

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									12,800									17,54
Total of HR Component																		58,018

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	22,149	sft	
Covered area assigned to one sweeper	7,500	sft	
Number of sweepers required for covered area	3	Persons	
Road and ROW area	93,467	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	7	blocks	
Number of washroom block assigned to one sweeper	3	Persons	
Number of sweepers required for total washroom blocks	2	Persons	
Total sweeper in morning shift	11	Persons	
Total number of sweepers in evening shift	4	Persons	
Total number of sweepers in night shift	6	Persons	
Total number of sweepers in all shifts	23	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	23	22,000	6,053,467
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)			12,581,467

12.581

Security and Parking

		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 residences	22,149				
Covered Area per guard	15,000				
Number of guards	1				
Open area excluding parking area	93,467				
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)	18				
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	12	21,000	252,000	3,024,000	
Lady Searcher	4	21,525	86,100	1,033,200	
Parking	2	21,525	43,050	516,600	
Sub total				7,232,400	
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				7,232,400	
				7.232	

Laundry Services			
	Original		From 1st Revised to onward
Number of beds	60		
Type of Item	No of Beds	Per bed cost per year	Total Cost
No of Bed	60	30,000	1,800,000
Transport Charges			1,200,000
Total for laundry items			3,000,000
Total			3.000

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.

Maintenance of Generator

	Original			From 1st Revised to onward
Item Name	Quantity	Cost per year	Total Cost	
Periodical Maintenance Cost				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.
Number of Generators (200 KVA)	-	500,000	-	
Number of Generators (100 KVA)	-	325,000	-	
Number of Generators (50 KVA)	1	175,000	175,000	
Repairs Cost	1	175,000	175,000	
HR Cost				
Supervisor	1	40,000	240,000	
Generator Operator	3	30,000	1,080,000	
Technical Staff/Mechanic	-	30,000	-	
Total			1,670,000	

1.670

MEP

	Original				From 1st Revised to onward	
Type of worker / Component	No of workers	Salary per month	Salary per Month for all persons	Salary for One Year		
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	66	6,665	439,890	439,890		
Fridge	5	4,000	20,000	20,000		
UPS	12	8,000	96,000	96,000		
Water Cooler	15	4,000	60,000	60,000		
Exhaust	7	3,000	21,000	21,000		
Geyser	15	4,000	60,000	60,000		
Water Pump	3	3,000	9,000	9,000		
Carpentry Work		-	180,000	180,000		
Electrical Work		-	120,000	120,000		
Plumbing Work		-	75,000	75,000		
Sub Total				1,080,890		
General Total				3,684,890		
				3.685		

Medical Gases

		Original				From 1st Revised to onward	
Scope of Work		Monthly Consumption per THQ Hospital	Annual Consumption per THQ Hospital	Rate per Cylinder	Total Annual Cost per THQs	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.	
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		
	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)						
		Original				From 1st Revised to onward
Sr. No.	Description of work	Unit	Qty	Rate (Rs)	Amount (Rs)	
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	<p>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:</p> <p style="text-align: center;">"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".</p> <p>In view of above, Outsourcing cost has been excluded from this PC-I.</p>
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 glazed 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 glazed 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	

Cafeteria					
Pre-Fabrication Cateen (Procurement)					
		Original			From 1st Revised to onward
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 Sanitary				410,000
24	Kitching Fixtures				802,000
	Grand Total Amount (Rs)				6,742,856

6.743

LANDSCAPE DEVELOPMENT WORKS					
COST ESTIMATE					
		Original			From 1st Revised to onward
Sr. No.	Description	Unit	Quantity	Unit Rate Rs.	Amount Rs.
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	13,475	20	269,500
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	1	34,375	34,375
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	18,480	7	129,360
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	23,100	11.25	259,875
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	94	1,500	141,000
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	22	270	5,940
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	15	600	9,000

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 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.

LANDSCAPE DEVELOPMENT WORKS

COST ESTIMATE

		Original			From 1st Revised to onward
1.5	Shrubs and Ornamental Plants 10" pot Pittosporum Variegated, Murray Small, Ixora Coccinea, Juniper Variegated, Hibiscus Variegated, Carronda Dwarf Spp, Jasmine Sambac(Mottya), Leucophyllum Frutescens(Silvery), Rose, Nerium, Lantana, Canna, Asparagrass, Conocarpus, Acalypha, Callistemon Dwarf, Cestrum, Thabernaemontara Variegated etc.	No's	8,400	69	579,600
a	Shrubs and Ornamental Plants 12" pot Pittosporum Variegated, Ixora Cochineal, Juniper Variegated, Carronde Dwarf, Jasmine Thai, Plumier Robar, Cassia Malacca, Largest mea, Euphorbia, Jestropha Thai etc	No's	1,320	195	257,400
1.6	GROUND COVERS				

LANDSCAPE DEVELOPMENT WORKS					
COST ESTIMATE					
		Original			From 1st Revised to onward
	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	8,971	12	107,652
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	11	3,675	40,425
b	Palm 18" pot - Phoenix Palm, Cyrus Palm	No's	14	1,800	25,200
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, Ousqualus, Bombay Creeper etc.	No's	45	195	8,775
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	1848	150	277,200
2.2	BENCHES				
	Concrete Bench 5' wide complete in all respects and to the satisfaction of Engineer as per approved design.	No's	9	14,698	132,282
2.3	DUSTBINS				
	Complete in all respects and to the satisfaction of Engineer as per approved design.	No's	6	27,700	166,200
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	8	3,850	30,800
2.6	WATER POINTS (Injector Pump 1HP)	No's	1	45,000	45,000
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	46,200	7.50	346,500
4	CONSTRUCTION OF PLANTERS				
	Large Size				
4.1	with keystones fixed with cement with top concrete slab as per design and to the satisfaction of Engineer.	No's	180	550	99,000

LANDSCAPE DEVELOPMENT WORKS					
COST ESTIMATE					
		Original			From 1st Revised to onward
4.2	Medium Size with keystones fixed with cement with top concrete slab as per design and to the satisfaction of Engineer.	No's	23	550	12,650
4.3	Small Size with keystones fixed with cement with top concrete slab as per design and to the satisfaction of Engineer.	No's	43	550	23,650
5	GAZEBO 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					3,746,323
PRA(16%)					599,412
Design Consultancy					100,000
TPV (3%)					112,390
Grand Total					4,558,124
					4.558

8. ANNUAL OPERATING COST (POST COMPLETION)

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

Grant Number:Government Buildings - (PC12042)
LO NO:LO22010046
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
Cost Center:OTHERS- (OTHERS)
Fund Center (Controlling):LE4203

Grant Number:Government Buildings - (PC12042)
LO NO:LO22010046
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

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	41.000	20.020	3.951	4.071	5.572	8.211	82.825
Utilization	19.316	19.880	3.951	3.691	5.428	0.893	53.160

Capital Side:

Year	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Funds Released						26.949	26.949
Utilization						0.000	0.000

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

10.4 WEIGHT COST OF CAPITAL INFORMATION

undefined

11. PROJECT BENEFITS AND ANALYSIS

11.1 PROJECT BENEFIT ANALYSIS INFORMATION

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

11.5 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

14.4 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

Project Benefits and 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, 2025

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			MITIGATION
				Qualitative Assessment			
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 Health Management Structure is available in PC-I

14. ADDITIONAL PROJECTS / DECISIONS REQUIRED

N/A

15. CERTIFICATE

Focal Person Name:Mr. KHIZAR HAYAT

Designation:Project Director, PMU P&SHD

Email:

Tel. No.:042-99231206

Fax No:

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

15. It is certified that the project titled "Revamping of THQ Hospital Kotli Sattion (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.

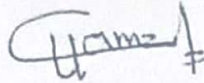
Prepared By:



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

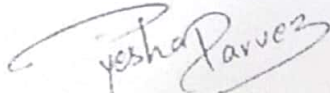


(RIZWAN SHOUKAT)
PROCUREMENT SPECIALIST, (PMU),
PRIMARY & SECONDARY HEALTHCARE
DEPARTMENT, LAHORE
(042-99231206)
(Oct-2022)



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

Checked By:



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



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

Approved By:



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

