



PC-1

Revamping of THQ Hospital, Kahuta District Rawalpindi

ORIGINAL APPROVED COST	PKR Million. 340.734/-
ORIGINAL APPROVED GESTATION	72 Months Till June 2025
APPROVAL FORUM	DDSC (DDSC)

1. NAME OF THE PROJECT

Revamping of THQ Hospital, Kahuta District Rawalpindi

2. LOCATION OF THE PROJECT

2.1. DISTRICT(S)

I. RAWALPINDI

2.2. TEHSIL(S)

I. KAHUTA

3. AUTHORITIES RESPONSIBLE FOR

3.1. SPONSORING AGENCY

- PRIMARY AND SECONDARY HEALTH CARE

3.2. EXECUTION AGENCY

- PRIMARY AND SECONDARY HEALTH CARE

3.3. OPERATIONS AND MAINTENANCE AGENCY

- PRIMARY AND SECONDARY HEALTH CARE

3.4. CONCERNED FEDERAL MINISTRY

- NATIONAL HEALTH SERVICES, REGULATIONS AND COORDINATION

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

4. PLAN PROVISION

Sr #	Description
1	Source of Funding: Scheme Listed in ADP CFY
2	GS No: 5275
3	Total Allocation: 0.000
4	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 grooves 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 casualties, 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 infectional control plan, hospital operational and

strategic plans, disaster plan both internal (partial / complete) and external .

The PDSA cycle

1. Developing a plan to test the change (Plan),
2. Carrying out the test (Do),
3. Observing and learning from the consequences (Study), and
4. Determining what modifications should be made to the test (Act).
5. Monitoring effective load sharing of Human resource and equipment within hospitals.
6. Addition of new HR/ rationalization on requirement of MSDS indicator compliance for effective departmental organization and their planned trainings by MPDD, UHS ETC
7. Standard optimization of Standard operating procedures and methods for their effective adoption by hospital human resource.
8. We have also extended our MSDS implementation in 20 more departments such as dentistry, ICU, CCU, Dialysis, mortuary, burn unit, physiotherapy, orthopedics, medicine, nursing, paedes, ophthalmology, derma, TB, urology, patient transfer system, store and purchase, audit and accounts, procurement, planning etc. We are also in process of preparing manuals, SOPS, plans, universal forms, and universal registers with universal tracking system of record.
9. We have developed an application for continuous monitoring of MSDS compliance.

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

5.3.3.3 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 then 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

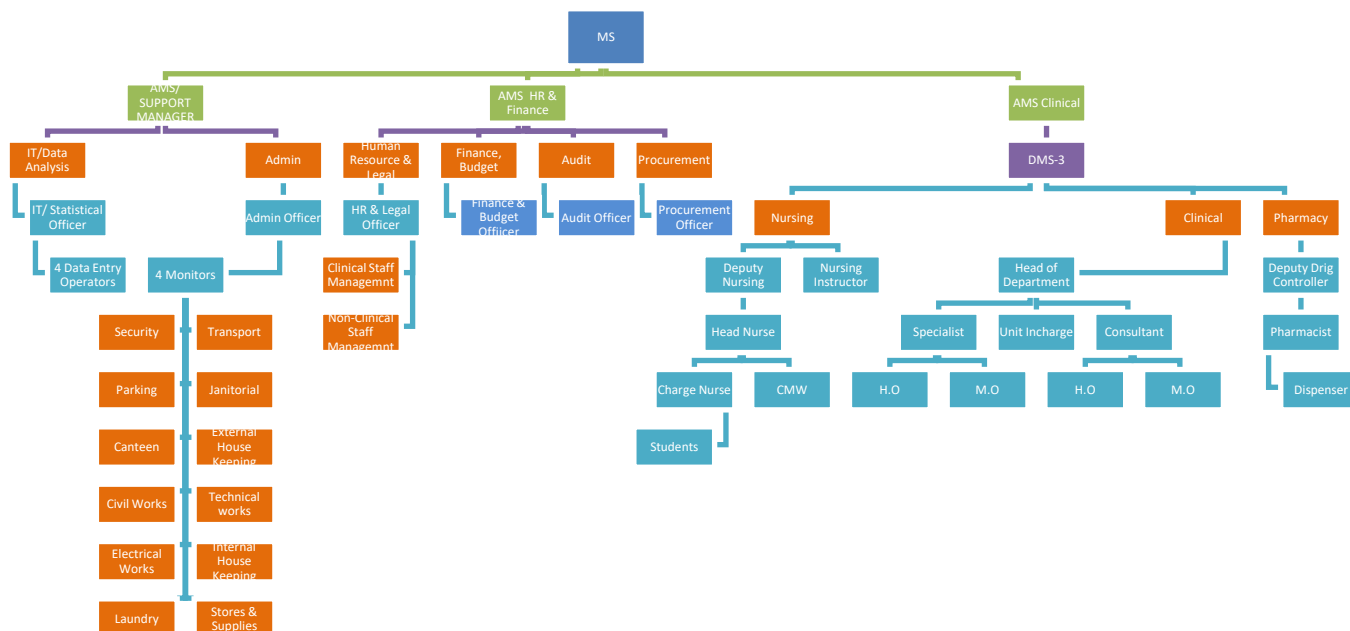
1. Minimum qualification BA/BSC or equivalent from HEC recognized University along with B.Ed.
2. Minimum 1 years post degree experience of teaching (Additional credit may be given for Public sector teaching of similar nature)

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/Matrasses
- Installation of Transformers/Dual Connection
- Improvement of Labor rooms/Nurseries

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

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

5.9 Patient Management Protocol

5.9.1 Emergency:

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

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

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

5.9.2 O.P.D:

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

5.9.3 Death or End of Life Management.

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

5. Every death is discussed weekly at the mortality committee at the department and at the hospital level cleared by the Medical Superintendent.

5.9.4 Inventory Control System

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

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

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

5.9.5 Project Monitoring Committee

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

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

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

5.10 Relationship with Sectoral Objectives

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

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

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

6. DESCRIPTION AND JUSTIFICATION OF PROJECT

6.1 JUSTIFICATION OF PROJECT

attached

1. 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 Kahuta District Rawalpindi is more than 0.493 million. The area of the THQ Hospital Kahuta District Rawalpindi is 327,066 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 THQ Kahuta District Rawalpindi

Revamping of THQ Kahuta 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. 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
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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.

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

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:LO17011152
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	190.799	0.000	50.000	0.000	50.000	0.000
Total		0.000	0.000	0.000	0.000	0.000	0.000	190.799	0.000	50.000	0.000	50.000	0.000

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

Grant Number:Government Buildings - (PC12042)
LO NO:LO21010601
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	29.935	0.000	20.000	0.000	0.000	0.000
Total		0.000	0.000	0.000	0.000	0.000	0.000	29.935	0.000	20.000	0.000	0.000	0.000

Abstract of Cost

Revamping of THQ Hospital, Kahuta District Rawalpindi											
Name of THQ Hospital	Original	1st Revised	2nd Revised			Amended 2nd Revised			3rd Revised		
Scope of work	Cost in million										
	Total	Total	Capital	Revenue	Total	Capital	Revenue	Total	Capital	Revenue	Total
Capital component											
Internal development	22.433	22.433	21.773	10.000	31.773	24.564	10.000	34.564	11.689	10.000	21.689
External development	6.586	6.586	15.936	0.000	15.936	18.011	0.000	18.011	38.246	0.000	38.246
Water filtration plant	5.600	5.600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Capital Component	34.619	34.619	37.709	10.000	47.709	42.575	10.000	52.575	49.935	10.000	59.935
Revenue component											
Emergency	19.687	19.687	0.000	26.796	26.796	0.000	26.796	26.796	0.000	45.651	45.651
MSDS	8.647	8.647	0.000	9.654	9.654	0.000	9.654	9.654	0.000	13.438	13.438
Med. Machinery and Equipment	47.847	47.847	0.000	63.977	63.977	0.000	63.977	63.977	0.000	93.159	93.159
Electricity	14.017	14.017	0.000	18.923	18.923	0.000	18.923	18.923	0.000	35.159	35.159
IT & QMS & Surveillance	14.515	14.515	0.000	16.715	16.715	0.000	16.715	16.715	0.000	20.120	20.120
Furniture and Fixtures	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	3.004	3.004	0.000	4.271	4.271	0.000	4.271	4.271	0.000	4.271	4.271
Day Care Center	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	17.220	17.220	0.000	31.290	31.290	0.000	31.290	31.290	0.000	46.240	46.240
LC Deficit during procurement (currency fluctuation)			0.000	2.373	2.373	0.000	2.373	2.373	0.000	2.373	2.373
Total Revenue component	140.040	140.040	0.000	189.102	189.102	0.000	189.102	189.102	0.000	280.799	280.799
Outsourcing component											
Janitorial Services	12.816	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Security and Parking services	6.370	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Laundry Services	3.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maintenance (Generator)	1.920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEP	4.686	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Medical Gases	1.304	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Cafeteria	6.743	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Horticulture services	5.946	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total outsourcing cost	42.785	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	217.444	174.659	37.709	199.102	236.811	42.575	199.102	241.677	49.935	290.799	340.734
Contingency (1%) only on Civil	0.346	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Third Party Monitoring (TPM) (1%)	2.174	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Third Party Validation (TPV) (1%)	2.174	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grand Total	222.139	174.659	37.709	199.102	236.811	42.575	199.102	241.677	49.935	290.799	340.734

Emergency Equipment

Sr. No.	Area	ITEM DESCRIPTION	Yard Stick	Original			1st Revised			2nd Revised			3rd Revised		
				Required Quantity (T=S+S=0+E=5)	Actual Unit Price	Actual Total Cost(Rs)	Required Quantity (T=S+S=0+E=5)	Actual Unit Price	Actual Total Cost(Rs)	Required Quantity (T=S+S=0+E=5)	Actual Unit Price	Actual Total Cost(Rs)	Required Quantity (T=S+S=0+E=5)	Actual Unit Price	Actual Total Cost(Rs)
1	Reception Area	Table	0	0	99,750	-	0	99,750	-	0	99,750	-	0	99,750	-
2		Chairs	0	0	26,775	-	0	26,775	-	0	26,775	-	0	30,000	-
3		Computer Data Entry With Printer	1	1	141,750	141,750	1	141,750	141,750	1	141,750	141,750	1	195,000	195,000
4	3	Table (2.5 X 4')*(N)	0	0	101,850	-	0	101,850	-	0	101,850	-	0	101,850	-
5	5	Chairs *(N)	0	0	26,775	-	0	26,775	-	0	26,775	-	0	30,000	-
6	Triage area	B.p apparatus wall type*(N)	3	5	15,750	78,750	5	15,750	78,750	5	30,000	150,000	5	30,000	150,000
7		Gurney WITH FOOT STEP)*(N)	3	5	420,000	2,100,000	5	420,000	2,100,000	5	460,000	2,300,000	5	800,000	4,000,000
8		Mercury B.P apparatus*(N)	2	4	33,600	134,400	4	33,600	134,400	4	36,000	144,000	4	36,000	144,000
9		Laryngoscope paed's & adult each*(N)	2	4	10,500	42,000	4	10,500	42,000	4	12,000	48,000	4	20,000	80,000
10		Diagnostic set*(N)	1	2	45,150	90,300	2	45,150	90,300	2	50,000	100,000	2	85,000	170,000
11		ECG Machine (with trolley) *(N)	1	2	169,785	339,570	2	169,785	339,570	2	180,000	360,000	2	300,000	600,000
12		Central oxygen with accessories FOR each	0	0	420,000	-	0	420,000	-	0	-	-	0	-	-
13		NEBULIZER HD*(N)	2	4	125,265	501,060	4	125,265	501,060	4	215,000	860,000	4	300,000	1,200,000
14		SUCKER MACHINE*(N)	1	2	259,350	518,700	2	259,350	518,700	2	275,000	550,000	2	300,000	600,000
15		Resuscitation Trolley (fully equipped) *(N)	1	2	244,733	489,466	2	244,733	489,466	2	400,000	800,000	2	600,000	1,200,000
16		INSTRUMENT CABINET*(N)	1	2	69,300	138,600	2	69,300	138,600	2	69,300	138,600	2	69,300	138,600
17		MEDICINE TROLLEY*(N)	1	2	60,900	121,800	2	60,900	121,800	2	60,900	121,800	2	60,900	121,800
18	Minor O.T	O.T table WITH foot step	1	1	1,417,500	1,417,500	1	1,417,500	1,417,500	1	2,000,000	2,000,000	1	2,500,000	2,500,000
19		Anesthesia Machine	1	1	2,509,554	2,509,554	1	2,509,554	2,509,554	1	3,000,000	3,000,000	1	7,000,000	7,000,000
20		Sucker machine	1	1	259,350	259,350	1	259,350	259,350	1	275,000	275,000	1	300,000	300,000
21		Portable O.T Lights	1	1	304,220	304,220	1	304,220	304,220	1	500,000	500,000	1	900,000	900,000
22		Ceiling o.t light	1	1	414,750	414,750	1	414,750	414,750	1	800,000	800,000	1	950,000	950,000
23		Hot air oven	1	1	110,000	110,000	1	110,000	110,000	1	385,000	385,000	1	450,000	450,000
24		Autoclave	1	1	441,000	441,000	1	441,000	441,000	1	550,000	550,000	1	850,000	850,000
25		Instrument trolley*(N)	1	1	54,000	54,000	1	54,000	54,000	1	54,000	54,000	1	55,000	55,000
26		Defibrillator*(N)	1	1	310,000	310,000	1	310,000	310,000	1	650,000	650,000	1	800,000	800,000
27		Instrument cabinet	1	1	69,300	69,300	1	69,300	69,300	1	69,300	69,300	1	69,300	69,300
28	Constant / specialized care room	GURNEYS*(N)	4	0	420,000	-	0	420,000	-	0	460,000	-	0	850,000	-
29		Sucker machine *(N)	2	0	259,350	-	0	259,350	-	0	275,000	-	0	300,000	-
30		Nebulizer HD*(N)	2	0	125,265	-	0	125,265	-	0	215,000	-	0	300,000	-
31		Center Oxygen supply*(N)	1	0	420,000	-	0	420,000	-	0	-	-	0	-	-
32		Resuscitation Trolley (fully equipped) *(N)	1	0	237,618	-	0	237,618	-	0	400,000	-	0	600,000	-
33		Defibrillator*(N)	1	0	302,605	-	0	302,605	-	0	650,000	-	0	800,000	-
34		Pulse- oximeter*(N)	4	0	104,000	-	0	104,000	-	0	160,000	-	0	225,000	-
35		Bedside-monitor*(N)	4	0	301,665	-	0	301,665	-	0	550,000	-	0	1,200,000	-
36		ECG MACHINE*(N)	1	0	169,785	-	0	169,785	-	0	169,785	-	0	300,000	-
37		BP APPARATUS*(N)	1	0	15,750	-	0	15,750	-	0	16,000	-	0	16,000	-
38	Emergency ward	FOOT STEP*(N)	1	0	3,150	-	0	3,150	-	0	4,000	-	0	5,500	-
39		ATTENDANT BENCH*(N)	1	0	5,250	-	0	5,250	-	0	8,000	-	0	10,000	-
40	7	(MOTORIZED BEDS) with accessories (with foot steps)*(N)	7	5	210,000	1,050,000	5	210,000	1,050,000	5	400,000	2,000,000	5	600,000	3,000,000
41	5	ECG machine(with trolley) *(N)	1	1	169,785	169,785	1	169,785	169,785	1	169,785	169,785	1	300,000	300,000
42	Emergency ward	Pulse- oximeter *(N)	6	5	104,000	520,000	5	104,000	520,000	5	160,000	800,000	5	225,000	1,125,000
43		Bedside-monitor*(N)	3	3	301,665	904,995	3	301,665	904,995	3	550,000	1,650,000	3	1,200,000	3,600,000
44		B.P apparatus wall type *(N)	6	5	26,250	131,250	5	26,250	131,250	5	30,000	150,000	5	30,000	150,000
45		Nebulizer HD *(N)	2	2	125,265	250,530	2	125,265	250,530	2	215,000	430,000	2	300,000	600,000
46		Resuscitation Trolley (fully equipped) *(N)	1	1	237,618	237,618	1	237,618	237,618	1	400,000	400,000	1	600,000	600,000
47		Defibrillator*(N)	1	1	299,153	299,153	1	299,153	299,153	1	650,000	650,000	1	800,000	800,000
48	Generalized	Sucker machine *(N)	2	2	259,350	518,700	2	259,350	518,700	2	275,000	550,000	2	300,000	600,000
49		Wheal chairs *(N)	0	0	31,500	-	0	31,500	-	0	35,000	-	0	35,000	-
50		Stretcher *(N)	0	0	69,300	-	0	69,300	-	0	69,300	-	0	69,300	-
51		ambo bag paed's with Mask*(N)	5	5	15,750	78,750	5	15,750	78,750	5	19,000	95,000	5	19,000	95,000
52		ambo bag adult with Mask *N	5	5	15,750	78,750	5	15,750	78,750	5	19,000	95,000	5	19,500	97,500
53		patient stool * N	2	2	4,085	8,169	2	4,085	8,169	2	4,500	9,000	2	5,000	10,000
54		Portable x-rays (300 M.A)	1	1	3,450,350	3,450,350	1	3,450,350	3,450,350	1	4,300,000	4,300,000	1	9,800,000	9,800,000
55		Portable ultra-sound	1	1	1,403,325	1,403,325	1	1,403,325	1,403,325	1	1,500,000	1,500,000	1	2,400,000	2,400,000
		Total				19,687,445			19,687,445			26,796,235			45,651,200
						19,687			19,687			26,796			45,651

MSDS

		Original			1st Revised			2nd Revised			3rd Revised		
Sr. No.	ITEM DESCRIPTION	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
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 Gauge	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	1	650,000	650,000	1	650,000	650,000	1	650,000	650,000	1	2,200,000	2,200,000
Total				8,647,094			8,647,094			9,653,822			13,437,942
				8,647			8,647			9,654			13,438

Medical Equipment

Sr. No.	Area	Name of Equipment	Yard Stick	Original				1st Revised				2nd Revised				3rd Revised			
				Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost
1	Laboratory	Semi Auto Clinical Chemistry Analyzer	1	1	0	449,295	-	1	0	449,295	-	1	0	550,000	-	1	0	550,000	-
2		Hematology Analyzer	1	1	0	427,350	-	1	0	427,350	-	1	0	550,000	-	1	0	750,000	-
3		Electrolyte Analyzer	1	1	0	427,350	-	1	0	427,350	-	1	0	550,000	-	1	0	550,000	-
4		Blood Gas Analyzer	0	1	0	2,744,858	-	1	0	2,744,858	-	1	0	3,200,000	-	1	0	1,400,000	-
5		Clinical Microscope	1	1	0	132,825	-	1	0	132,825	-	1	0	180,000	-	1	0	250,000	-
6		Water Bath	1	1	0	60,000	-	1	0	60,000	-	1	0	157,500	-	1	0	325,000	-
7		Hot air Oven	1	1	0	210,000	-	1	0	210,000	-	1	0	385,000	-	1	0	450,000	-
8		Distilled water plant	1	0	1	52,500	52,500	0	1	52,500	52,500	0	1	75,000	75,000	0	1	125,000	125,000
9		Auto pipettes	10	0	10	31,500	315,000	0	10	31,500	315,000	0	10	40,500	405,000	0	10	45,000	450,000
10		glass wares	0	0	0	105,000	-	0	0	105,000	-	0	0	105,000	-	0	0	105,000	-
11	X-Rays	Centrifuge Machine	2	1	1	149,336	149,336	1	1	149,336	149,336	1	1	250,000	250,000	1	1	400,000	400,000
12		Static X-ray Machine	1	1	0	4,200,000	-	1	0	4,200,000	-	1	0	6,000,000	-	1	0	12,000,000	-
13		Mobile X-Ray Machine	0	0	0	3,850,524	-	0	0	3,850,524	-	0	0	4,300,000	-	0	0	9,800,000	-
14		Computerized Radiography System	0	0	0	4,018,245	-	0	0	4,018,245	-	0	0	4,500,000	-	0	0	4,500,000	-
15		Dental X-Ray	0	0	0	282,975	-	0	0	282,975	-	0	0	350,000	-	0	0	525,000	-
16		Lead apron and PPE	2	1	1	52,500	52,500	1	1	52,500	52,500	1	1	60,000	60,000	1	1	85,000	85,000
17		Density meter personal (Add)	0	0	0	210,000	-	0	0	210,000	-	0	0	210,000	-	0	0	250,000	-
18		Lead glass /shield	0	0	0	105,000	-	0	0	105,000	-	0	0	105,000	-	0	0	150,000	-
19		Lead Walls	0	0	0	525,000	-	0	0	525,000	-	0	0	525,000	-	0	0	525,000	-
20		Portable/Mobile Ultrasound	0	1	0	1,371,331	-	1	0	1,371,331	-	1	0	1,500,000	-	1	0	2,400,000	-
21	Ultrasound	Color Doppler RADIOLOGY	1	0	1	3,698,310	3,698,310	0	1	3,698,310	3,698,310	0	1	4,500,000	4,500,000	0	1	5,500,000	5,500,000
22	CCU	ICU MONITOR	2	0	2	301,665	603,330	0	2	301,665	603,330	0	2	900,000	1,800,000	0	2	1,250,000	2,500,000
23		Temporary pace maker	0	0	0	315,000	-	0	0	315,000	-	0	0	315,000	-	0	0	550,000	-
24		Defibrillator	1	0	1	299,153	299,153	0	1	299,153	299,153	0	1	650,000	650,000	0	1	800,000	800,000
25		ECG Machine Three Channel	2	0	2	169,785	339,570	0	2	169,785	339,570	0	2	169,785	339,570	0	2	300,000	600,000
26		ETT Machine	0	0	0	2,021,838	-	0	0	2,021,838	-	0	0	2,200,000	-	0	0	3,000,000	-
27		Color doplor RADIOLOGY	0	0	0	4,681,790	-	0	0	4,681,790	-	0	0	4,800,000	-	0	0	6,000,000	-
28		Suction Pump	2	0	2	259,350	518,700	0	2	259,350	518,700	0	2	275,000	550,000	0	2	300,000	600,000
29	Blood Bank	Blood Cabinet	1	0	1	690,539	690,539	0	1	690,539	690,539	0	1	700,000	700,000	0	1	1,500,000	1,500,000
30		Centrifuge Machine	2	1	1	149,336	149,336	1	1	149,336	149,336	1	1	250,000	250,000	1	1	400,000	400,000
31		Slide viewer	1	1	0	42,000	-	1	0	42,000	-	1	0	55,000	-	1	0	55,000	-
32		Clinical Microscope	1	1	0	132,825	-	1	0	132,825	-	1	0	180,000	-	1	0	250,000	-
33	Dialysis Unit (10 beds)	Computerized Hemo Dialysis Machine	5	0	5	1,050,000	5,250,000	0	5	1,050,000	5,250,000	0	5	1,600,000	8,000,000	0	5	3,200,000	16,000,000
34	Nursery	Baby Cot	10	0	10	14,669	146,685	0	10	14,669	146,685	0	10	16,000	160,000	0	10	16,000	160,000
35		Phototherapy Unit	2	0	2	130,200	260,400	0	2	130,200	260,400	0	2	655,000	1,310,000	0	2	850,000	1,700,000
36		Infant Warmer	2	0	2	335,638	671,276	0	2	335,638	671,276	0	2	985,000	1,970,000	0	2	1,050,000	2,100,000
37		Pulse Oximeter	6	0	6	104,500	627,000	0	6	104,500	627,000	0	6	160,000	960,000	0	6	225,000	1,350,000
38		Infant Incubator	2	0	2	858,932	1,717,864	0	2	858,932	1,717,864	0	2	900,000	1,800,000	0	2	1,750,000	3,500,000
39		Suction Pump	1	0	1	259,350	259,350	0	1	259,350	259,350	0	1	275,000	275,000	0	1	300,000	300,000
40		Hospital Grade Nebulizer Heavy Duty	2	0	2	125,265	250,530	0	2	125,265	250,530	0	2	215,000	430,000	0	2	300,000	600,000
41	O.T (04)	Anesthesia Machine with Ventilator	1	1	0	2,509,554	-	1	0	2,509,554	-	1	0	3,000,000	-	1	0	7,000,000	-
42		BED SIDE PATIENT MONITOR	2	2	0	441,000	-	2	0	441,000	-	2	0	550,000	-	2	0	1,200,000	-
43		Defibrillator	2	0	2	308,713	617,425	0	2	308,713	617,425	0	2	650,000	1,300,000	0	2	800,000	1,600,000
44		Electrosurgical Unit	1	1	0	507,530	-	1	0	507,530	-	1	0	700,000	-	1	0	900,000	-
45		Operation Table	1	2	0	1,426,215	-	2	0	1,426,215	-	2	0	2,000,000	-	2	0	2,500,000	-
46		Ceiling Operating Light	1	2	0	413,013	-	2	0	413,013	-	2	0	800,000	-	2	0	950,000	-
47		STEAM STERILIZER	1	2	0	3,465,000	-	2	0	3,465,000	-	2	0	4,000,000	-	2	0	7,800,000	-
48		Suction Pump	2	0	2	259,350	518,700	0	2	259,350	518,700	0	2	275,000	550,000	0	2	300,000	600,000
49		Resuscitation trolley With Crash Cart	2	1	1	244,733	244,733	1	1	244,733	244,733	1	1	400,000	400,000	1	1	600,000	600,000
50		mayo table	4	3	1	21,000	21,000	3	1	21,000	21,000	3	1	23,000	23,000	3	1	23,000	23,000
51		MOBILE OPERATING LIGHT	1	1	0	304,220	-	1	0	304,220	-	1	0	400,000	-	1	0	900,000	-
52		Operation Table	0	0	0	1,426,215	-	0	0	1,426,215	-	0	0	2,000,000	-	0	0	5,000,000	-
53		ORTHOPEDIC DRILL	0	0	0	1,108,740	-	0	0	1,108,740	-	0	0	1,500,000	-	0	0	4,000,000	-

Medical Equipment

				Original				1st Revised				2nd Revised				3rd Revised			
Sr. No.	Area	Name of Equipment	Yard Stick	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost
54	Orthopedic	Plaster Cutting Pneumatic	1	0	1	276,250	276,250	0	1	276,250	276,250	0	1	450,000	450,000	0	1	1,500,000	1,500,000
55		Pneumatic Tourniquets	0	0	0	262,500	-	0	0	262,500	-	0	0	262,500	-	0	0	300,000	-
56		Orthopedic Instruments	0	0	0	432,623	-	0	0	432,623	-	0	0	550,000	-	0	0	550,000	-
57	Gyne (20 beds)	Portable/Mobile Ultrasound	1	1	0	1,418,958	-	1	0	1,418,958	-	1	0	1,500,000	-	1	0	2,400,000	-
58		Autoclave	1	1	0	441,000	-	1	0	441,000	-	1	0	550,000	-	1	0	850,000	-
59		Delivery Set	10	1	9	31,500	283,500	1	9	31,500	283,500	1	9	40,000	360,000	1	9	65,000	585,000
60		Delivery Table	2	1	1	47,250	47,250	1	1	47,250	47,250	1	1	47,250	47,250	1	1	55,000	55,000
61		BED SIDE PATIENT MONITOR	2	0	2	294,000	588,000	0	2	294,000	588,000	0	2	550,000	1,100,000	0	2	1,200,000	2,400,000
62		D & C Set	2	1	1	34,650	34,650	1	1	34,650	34,650	1	1	40,000	40,000	1	1	60,000	60,000
63		Vacume Extractor	1	0	1	259,350	259,350	0	1	259,350	259,350	0	1	300,000	300,000	0	1	350,000	350,000
64		CTG Machine	1	1	0	628,049	-	1	0	628,049	-	1	0	725,000	-	1	0	900,000	-
65		ECG Machine Three Channel	1	1	0	169,785	-	1	0	169,785	-	1	0	180,000	-	1	0	300,000	-
66		Portable O.T Light	2	1	1	304,220	304,220	1	1	304,220	304,220	1	1	400,000	400,000	1	1	900,000	900,000
67		Baby Cot	2	1	1	14,669	14,669	1	1	14,669	14,669	1	1	16,000	16,000	1	1	16,000	16,000
68		Delivery trolley	2	1	1	47,250	47,250	1	1	47,250	47,250	1	1	47,250	47,250	1	1	47,250	47,250
69		Desktop Fetal Heart Rate Detector	1	1	0	144,375	-	1	0	144,375	-	1	0	175,000	-	1	0	200,000	-

Medical Equipment

Sr. No.	Area	Name of Equipment	Yard Stick	Original				1st Revised				2nd Revised				3rd Revised			
				Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost
70	Surgical Emergency (10 beds)	Steam Sterilizer	0	0	0	3,355,849	-	0	0	3,355,849	-	0	0	4,000,000	-	0	0	7,800,000	-
71		Operation Table	0	0	0	1,426,215	-	0	0	1,426,215	-	0	0	2,000,000	-	0	0	2,500,000	-
72		MOBILE OPERATING LIGHT	0	0	0	285,466	-	0	0	285,466	-	0	0	400,000	-	0	0	900,000	-
73		Suction Pump	0	0	0	259,350	-	0	0	259,350	-	0	0	275,000	-	0	0	300,000	-
74		Laryngoscope	0	0	0	9,744	-	0	0	9,744	-	0	0	12,000	-	0	0	20,000	-
75	Others	Set of Surgical Instruments	0	0	0	141,750	-	0	0	141,750	-	0	0	160,000	-	0	0	220,000	-
76		Stretcher	10	0	10	68,250	682,500	0	10	68,250	682,500	0	10	69,300	693,000	0	10	69,300	693,000
77		wheel chair	10	0	10	31,500	315,000	0	10	31,500	315,000	0	10	35,000	350,000	0	10	35,000	350,000
78		foot support	6	0	6	4,200	25,200	0	6	4,200	25,200	0	6	4,500	27,000	0	6	5,148	30,888
79		Resuscitation trolley With Crash Cart	5	0	5	237,618	1,188,091	0	5	237,618	1,188,091	0	5	400,000	2,000,000	0	5	600,000	3,000,000
80		BP Appratus	15	0	15	15,750	236,250	0	15	15,750	236,250	0	15	16,000	240,000	0	15	16,000	240,000
81		Ventilator	0	0	0	2,195,080	-	0	0	2,195,080	-	0	0	3,500,000	-	0	0	5,500,000	-
82		CPAP	1	0	1	1,098,510	1,098,510	0	1	1,098,510	1,098,510	0	1	2,100,000	2,100,000	0	1	2,800,000	2,800,000
83		X-RAY PROCESSOR	1	0	1	858,440	858,440	0	1	858,440	858,440	0	1	925,000	925,000	0	1	1,200,000	1,200,000
84		Hand wash Scrub Double Bay	2	0	2	94,500	189,000	0	2	94,500	189,000	0	2	100,000	200,000	0	2	140,000	280,000
85		Image Intensifier	0	0	0	4,667,460	-	0	0	4,667,460	-	0	0	4,667,460	-	0	0	12,000,000	-
86		Central Medical Gass Pipe Line System	7	0	7	850,000	5,950,000	0	7	850,000	5,950,000	0	7	-	-	0	7	-	-
87		Motorized Patient bed with bed side,Mattress,IV stand, Attendant Bench	4	0	4	210,000	840,000	0	4	210,000	840,000	0	4	400,000	1,600,000	0	4	600,000	2,400,000
88		Sphygmomanometer wall mtd	4	0	4	15,750	63,000	0	4	15,750	63,000	0	4	30,000	120,000	0	4	35,000	140,000
89		Resuscitation trolley With Crash Cart	2	0	2	244,733	489,466	0	2	244,733	489,466	0	2	400,000	800,000	0	2	600,000	1,200,000
90	ICU	Defibrillator	1	0	1	299,153	299,153	0	1	299,153	299,153	0	1	650,000	650,000	0	1	800,000	800,000
91		Defibrillator with Monitor	0	0	0	330,750	-	0	0	330,750	-	0	0	650,000	-	0	0	800,000	-
92		ECG Machine Three Channel	0	0	0	169,785	-	0	0	169,785	-	0	0	180,000	-	0	0	300,000	-
93		Syringe pump	1	0	1	108,780	108,780	0	1	108,780	108,780	0	1	125,000	125,000	0	1	200,000	200,000
94		Suction Pump	0	0	0	259,350	-	0	0	259,350	-	0	0	275,000	-	0	0	300,000	-
95		ICU Monitor	0	0	0	298,200	-	0	0	298,200	-	0	0	900,000	-	0	0	1,250,000	-
96		Instrument Trolley	1	0	1	55,000	55,000	0	1	55,000	55,000	0	1	55,000	55,000	0	1	55,000	55,000
97		Ward instruments	0	0	0	-	-	0	0	-	-	0	0	-	-	0	0	-	-
98		Ventilator intensive care	2	0	2	1,600,000	3,200,000	0	2	1,600,000	3,200,000	0	2	3,500,000	7,000,000	0	2	5,500,000	11,000,000
99		CPAP with humidifier	0	0	0	1,098,510	-	0	0	1,098,510	-	0	0	2,100,000	-	0	0	2,800,000	-
100		DELIVERY TROLLEY STAINLESS STEEL	1	0	1	23,835	23,835	0	1	23,835	23,835	0	1	47,250	47,250	0	1	47,250	47,250
101		Ambu-Bag, adult	4	0	4	17,325	69,300	0	4	17,325	69,300	0	4	19,000	76,000	0	4	19,000	76,000
102		Ambu-Bag, paedrs	4	0	4	17,325	69,300	0	4	17,325	69,300	0	4	19,000	76,000	0	4	19,000	76,000
103	MORTUERY	TWO BODY REFRIGERATOR WITH CASTERS 220v 50Hz Along with Atopsy Table & Lifter Trolley	1	0	1	2,470,546	2,470,546	0	1	2,470,546	2,470,546	0	1	3,000,000	3,000,000	0	1	3,500,000	3,500,000
104	Dental Unit	Dental Unit	2	0	2	2,190,000	4,380,000	0	2	2,190,000	4,380,000	0	2	2,820,000	5,640,000	0	2	2,820,000	5,640,000
105		Autoclave	1	0	1	441,000	441,000	0	1	441,000	441,000	0	1	550,000	550,000	0	1	850,000	850,000
106		Dental X-RAY Machine	1	0	1	282,975	282,975	0	1	282,975	282,975	0	1	350,000	350,000	0	1	525,000	525,000
107		Digital Intra Oral Camera	0	0	0	94,500	-	0	0	94,500	-	0	0	150,000	-	0	0	600,000	-
108		DENTAL CAUTERY	0	0	0	84,000	-	0	0	84,000	-	0	0	160,000	-	0	0	900,000	-
109		Ultrasonic scaling	1	0	1	120,750	120,750	0	1	120,750	120,750	0	1	175,000	175,000	0	1	300,000	300,000
110		Curing lights	1	0	1	52,500	52,500	0	1	52,500	52,500	0	1	95,000	95,000	0	1	150,000	150,000
111		Endo motor system	1	0	1	199,601	199,601	0	1	199,601	199,601	0	1	265,000	265,000	0	1	500,000	500,000
112		Dental cabinet	0	0	0	42,000	-	0	0	42,000	-	0	0	70,000	-	0	0	160,000	-
113		Dental examination/surgical instrument sets	4	0	4	157,500	630,000	0	4	157,500	630,000	0	4	175,000	700,000	0	4	175,000	700,000
114	Beds	Fowler beds with Mattress	60	0	60	70,000	4,200,000	0	60	70,000	4,200,000	0	60	110,000	6,600,000	0	60	150,000	9,000,000
		Total					47,846,573				47,846,573				63,977,320				93,159,388
							47.847				47.847				63.977				93.159

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	2	1,000,000	2,000,000
3	Generator (200 KVA)	1	4,000,000	4,000,000	1	4,000,000	4,000,000	1	4,000,000	4,000,000	2	6,500,000	13,000,000
4	Generator (100 KVA)	0	2,300,000	-	0	2,300,000	-	0	2,300,000	-	0	2,300,000	-
5	2 Ton air conditioners (split)	30	55,500	1,665,000	30	55,500	1,665,000	30	55,500	1,665,000	30	139,150	4,174,500
6	2 Ton air conditioners (Cabinet)	13	78,000	1,014,000	13	78,000	1,014,000	13	78,000	1,014,000	13	187,200	2,433,600
7	4 Ton air conditioners (Cabinet)	4	120,000	480,000	4	120,000	480,000	4	120,000	480,000	4	353,899	1,415,596
8	Ceiling Fans 56"	150	3,090	463,500	150	3,090	463,500	150	3,090	463,500	150	6,975	1,046,250
10	Bracket Fans 18"	72	3,280	236,160	72	3,280	236,160	72	3,280	236,160	72	6,600	475,200
9	Exhaust Fans	36	3,000	108,000	36	3,000	108,000	36	3,000	108,000	36	3,000	108,000
11	Dual Connection of Electricity / Express Line	1	5,000,000	5,000,000	1	5,000,000	5,000,000	1	9,905,844	9,905,844	1	9,905,844	9,905,844
	Total			14,016,660			14,016,660			18,922,504			35,158,990
				14.017			14.017			18.923			35.159

IT & QMS & Surveillance

		Original			1st Revised			2nd Revised			3rd Revised		
Sr. No.	Item Name	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

		Original			1st Revised			2nd Revised			3rd Revised		
Sr. No.	Item Name	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			13,503,500			13,503,500			13,503,500			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 Sortino 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. Moneky, lion, caterpillar etc)	6	1,500	9,000	6	1,500	9,000	6	1,500	9,000	6	1,500	9,000
49	Long Roads with Stands	1	1,500	1,500	1	1,500	1,500	1	1,500	1,500	1	1,500	1,500
50	Number Rods	1	500	500	1	500	500	1	500	500	1	500	500
51	Stand Number Rods	1	800	800	1	800	800	1	800	800	1	800	800
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

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
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				-			-			-			-
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			1,600

Human Resource Model of THQ Hospital

		Original				1st Revised				2nd Revised				3rd Revised				
Sr. No.	NAME OF POST	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									3,150				5,77					
Total of HR Component													31.29					46,240

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	26,815	sft		
Covered area assigned to one sweeper	7,500	sft		
Number of sweepers required for covered area	4	Persons		
Road and ROW area	79,854	sft		
Road and ROW assigned to one sweeper	15,000	sft		
Number of sweepers required for road and ROW area	5	Persons		
Number of washroom blocks	10	blocks		
Number of washroom block assigned to one sweeper	3	Persons		
Number of sweepers required for total washroom blocks	3	Persons		
Total sweeper in morning shift	12	Persons		
Total number of sweepers in evening shift	6	Persons		
Total number of sweepers in night shift	6	Persons		
Total number of sweepers in all shifts	24	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	24	22,000	6,287,776	
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)			12,815,776	

12.816

12.816

Security and Parking

		Original			From 1st Revised to onward
Assumptions					<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>
Covered area excluding residences	26,815				
Covered Area per guard	15,000				
Number of guards	2				
Open area excluding parking area	79,854				
Area covered per guard per shift for open area excluding parking	15,000				
Number of guards for total area excluding parking area	5				
Number of gates	2				
Number of guards at gates	4				
Total No of Guard	11				
Total number of all guards for second shift	6				
Lady Searcher	4				
Number of parking areas	1				
Number of guards for parking lot per shift (Morning+ Evening)	2				
Total no. of Supervisors	2				
Type of worker	No of workers	Salary per month	Salary per Month for all Person	Salary for One year	
Supervisors	2	24,675	49,350	592,200	
Ex-Army	7	21,525	150,675	1,808,100	
Civilian	10	21,000	210,000	2,520,000	
Lady Searcher	4	21,525	86,100	1,033,200	
Parking	2	21,525	43,050	516,600	
Sub total				6,470,100	
Equipment cost					
Lump sum Provision (Walk Through Gate=1, Metal Detector=4, Walkies Talkies=8, Base Set=1)				400,000	
Sub total				400,000	
Subtracting Parking Fees				500,000	
Total Security and Parking Services				6,370,100	
				6.370	

Laundry Services

	Original			From 1st Revised to onward
Number of beds	60			<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>
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	

Maintenance of Generator

Original				From 1st Revised to onward
Item Name	Quantity	Cost per year	Total Cost	<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: "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.</p>
Periodical Maintenance Cost				
Number of Generators (200 KVA)	-	500,000	-	
Number of Generators (100 KVA)	1	300,000	300,000	
Number of Generators (50 KVA)	-	175,000	-	
Repairs Cost	1	300,000	300,000	
HR Cost				
Supervisor	1	40,000	240,000	
Generator Operator	3	30,000	1,080,000	
Technical Staff/Mechanic	-	30,000	-	
Total			1,920,000	
1.920				

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	200	6,665	1,333,000	1,333,000	
Fridge	10	4,000	40,000	40,000	
UPS	15	8,000	120,000	120,000	
Water Cooler	20	4,000	80,000	80,000	
Exhaust	10	3,000	30,000	30,000	
Geyser	20	4,000	80,000	80,000	
Water Pump	8	3,000	24,000	24,000	
Carpentry Work		-	180,000	180,000	
Electrical Work		-	120,000	120,000	
Plumbing Work		-	75,000	75,000	
Sub Total				2,082,000	
General Total				4,686,000	
				4.686	

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	
Oxygen	Medical Oxygen Gas in 240 CFT Cylinder (MM)	12	144	1850	266,400	<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>
	Medical Oxygen Gas in 48 CFT Cylinder (MF)	30	360	1,000	360,000	
	Medical Oxygen Gas in 24 CFT Cylinder (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)	<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>
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	
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						

Cafeteria

Pre-Fabrication Cateen (Procurement)

		Original				From 1st Revised to onward
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	
14	Providing Granite skirting or dado 4/8"(13 mm) thick including rounding of corner and straight ening of top edge and finishing to smooth surface afterplastering	Sft	491	212.00	104,177	
15	Placing & erection of pre-painted Box section tube Columns of M.S sheet 4mm thick of size 4" x4" complete in all respect.	Kg	693	150.00	103,950	
16	Placing & erection of pre-painted Box section tube Rafters of M.S sheet 4mm thick of size 3" x3" with all fittings, complete in all respect.	Kg	1040	150.00	155,925	
17	Placing & erection of pre-painted Box section tube Purlins of M.S sheet 1.6 mm thick (16 Gauge) of size 2" x2", with all fittings, complete in all respect.	Rft	676	120.00	81,144	
18	Placing & erection of pre-painted, Galvanized Sandwitched board of 0.5 mm thick M.S sheet with 50mm PU insulation with all fittings, complete in all respect.	Sft	2640	400.00	1,055,800	
19	Placing & fixing glass wool complete in all respect.	Sft	3024	50.00	151,200	
20	Placing & fixing Gypsum False Ceiling, complete in all respect.	Sft	3024	70.00	211,680	
21	Providing & Fixing corrugated galvanized iron sheets 22 gauge with EPDM screw fittings, complete in all respect.	Sft	3629	145.00	526,176	
	Total Cost of Pre-Fabrication of Canteen Structure				3,307,052	
	Total Amount (Rs)				4,532,121	
22	Electrification				998,735	
23	Plumbing and Sanitory				410,000	
24	Kitching Fixtures				802,000	
	Grand Total Amount (Rs)				6,742,856	

6.743

LANDSCAPE DEVELOPMENT WORKS					
COST ESTIMATE					
		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	18,958	20	379,167
1.2	STONE / PEBBLES				
	Supply and laying a layer of pebbles/stone at specified locations with Landscape base as in Landscape Design approved by the Engineer.	Truck	2	34,375	68,750
1.3	GRASSING				
a	GRASSING (EXISTING NON MAINTANE LAWNS)				
	Providing and dibbing of Fine Dacca grass where required, including mud filling/leveling and contour shape preparation confirming to the criteria outlined in the Specifications, complete in all respects as per Drawings , Specifications and as approved by the Engineer.	Sft	26,000	7	182,000
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	32,500	11.25	365,625
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	133	1,500	199,500
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, Mimuspss, Pine, Ficus Amestai, Pilken, Palms etc.	No's	31	270	8,370
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	100	600	60,000

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.

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, Asparagress, Conocarpus, Acalypha, Callistemon Dwarf, Cestrum, Thabernaemontara Variegated etc.	No's	11,818	69	815,442
a	Shrubs and Ornamental Plants 12" pot Pittosporum Variegated, Ixora Cochineal, Juniper Variegated, Carronade Dwarf, Jasmine Thai, Plumier Robar, Cassia Malacca, Largest mea, Euphorbia, Jestropa Thai etc	No's	1,857	195	362,115
1.6	GROUND COVERS				
	Providing and planting ground covers as listed and as arrangement and type shown in the Drawings, in pits of size 150mm x 150mm x 150mm. Dug in improved soil 610mm deep filled by adding 10% cow dung manure and confirming to the criteria outlined in the Specifications, complete in all respects and to the satisfaction of Engineer .				
	Ground Cover Plastic Bag Plants Alternant Hera, Dianella, Iresine (Red), Hemercollis(Daylily), Duranta etc	No's	12,621	12	151,452
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	15	3,675	55,125
b	Palm 18" pot - Phoenix Palm, Cyrus Palm	No's	20	1,800	36,000
1.8	CREEPERS				
	Providing and planting Creepers as listed and as arrangement and type shown in the Drawings, in pits of size 305mm x 305mm x 305mm. Dug in improved soil 610mm. deep filled by adding 10% cow dung manure and confirming to the criteria outlined in the Specifications, complete in all respects and to the satisfaction of Engineer .				
	Creepers 12" Pot - Bougainvillea, Bonsai, Qusqualus, Bombay Creeper etc.	No's	63	195	12,285
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	2600	150	390,000
2.2	BENCHES				
	Concrete Bench 5' wide complete in all respects and to the satisfaction of Engineer as per approved design.	No's	12	14,698	176,376
2.3	DUSTBINS				

LANDSCAPE DEVELOPMENT WORKS					
COST ESTIMATE					
		Original			From 1st Revised to onward
	Complete in all respects and to the satisfaction of Engineer as per approved design.	No's	8	27,700	221,600
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	11	3,850	42,350
2.6	WATER POINTS (Injector Pump 1HP)	No's	2	45,000	90,000
3	SOFT LANDSCAPE MAINTENANCE (Including maintenance and up keeping of site for 6 months) after development as per specifications and to the satisfaction of Engineer.	Sft	65,000	7.50	487,500
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	253	550	139,150
	Medium Size				
4.2	with keystones fixed with cement with top concrete slab as per design and to the satisfaction of Engineer.	No's	33	550	18,150
	Small Size				
4.3	with keystones fixed with cement with top concrete slab as per design and to the satisfaction of Engineer.	No's	61	550	33,550
5	GAZEEBO Construction of Gazebo 12' X 12' with top fiberglass 3 layer canopy as per approved design and to the satisfaction of Engineer.	No's	1	200,000	200,000
	Total Amount of - Landscaping				5,039,446
	PRA(16%)				806,311
	Design Consultancy				100,000
	Grand Total				5,945,757
					5.946



To

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

No. 6281 /D dated. 22-12 /2022

Subject:

**REVISED ROUGH COST ESTIMATE FOR THE WORK "REVAMPING OF
ALL THQ HOSPITALS IN PUNJAB ONE AT THQ HOSPITAL KAHUTA
DISTRICT RAWALPINDI".**
A.D.P NO. 792, FOR 2021-22.

The scheme cited as subject was administratively approved for Rs. 37.709 M vide Government of Punjab Primary & Secondary Healthcare Department Lahore No. PO(D-II)1-237/2021, dated 07-11-2021. The detailed estimate was technically sanctioned for Rs. 43.398 (M) vide this office letter No.562/D, dated: 03-02-2022 and the work was allotted to M/S Sardar Dawood Builders, Govt. Contractor vide Executive Engineer, Building Division No.2, Rawalpindi letter No.2086/C, dated: 08-04-2022 with contract agreement amounting to Rs. 4,09,42,300/- the time limit of 18 Months.

The Executive Engineer, Building Division No.2, Rawalpindi has reported that due to an abnormal hike in the prices of construction material Government of Punjab Planning and Development Board issued Notification No. 594/AC(Tech)/P&D/2022-23 Dated: 09-09-2022, where in the allowable cushion for price variation has been allowed 10% in the light of above said Notification of the Government.

Hence this Revised Rough Cost Estimate amounting to Rs. ^{44.935}~~46.435~~ Million prepared by the Executive Engineer, Building Division No.2, Rawalpindi is forwarded herewith for arranging its Revised Administrative Approval.

RECEIVED & ENTERED	
Slary No:	6999
Date:	22-12-22
PM/PO I&C:	82
PMU, P&SD	
Deputy PD	
Finance & Admin	
Procurement	
Disbursement	
Infrastructure	
Planning & HR	
ICT	
Operations	
Health	
Legal	
I & C	
BERC	
MARKING	
SIGNATURES	

revised rough cost estimate.

No. _____ /D dated. _____ /2022

Copy is forwarded for information to the Executive Engineer, Building Division No.2, Rawalpindi with reference to his letter No. 6045/D dt 15-12-2022 received on 20-12-2022 for pursuance.

-DA/NIL.

Superintending Engineer
Buildings Circle No.1
Rawalpindi

Superintending Engineer
Buildings Circle No.1
Rawalpindi

GOVERNMENT OF THE PUNJAB



STATION RAWALPINDI
DIVISION: RAWALPINDI DIVISION NO: 2
SUB DIVISION: BUILDINGS SUB DIVISION, Kahuta
CLIENT **HEALTH DEPARTMENT
GOVERNMENT OF THE PUNJAB**

NAME OF WORK: REVISED ROUGH COST ESTIMATE FOR THE WORK
OF "REVAMPING OF T.H.Q HOSPITAL KAHUTA
DISTRICT RAWALPINDI" ADP NO. 658 FOR THE
YEAR 2022-23

MAJOR HEAD:



MINOR HEAD:

ESTIMATED COST:

49.935 (M)
46.485
Rs. 46.252 M

REVISED ROUGH COST ESTIMATE FRAMED BY THE EXECUTIVE ENGINEER BUILDING DIVISION NO. 2 RAWALPINDI FOR THE WORK "REVAMPING OF T.H.Q HOSPITAL KAHUTA DISTRICT RAWALPINDI" ADP NO. 658 FOR THE YEAR 2022-23.

HISTORY:

The Government of Punjab is very keen to provide better health facilities to whole province. The above said hospital was established several years ago now health department has decided for its up gradation due to dire need of the peoples of area. Therefore, as Annual Development Programme No. 658 for the year of 2022-2023 (New Scheme). The Health Department accorded an Administrative Approval vide No. PO(D-II)Revamping/P-I/21 dated 17-12-2021 for amounting to **Rs. 42.575 (M)** against Capital cost. After completion of codal formalities work was allotted got started site now work in progress.

After completing codal formalities work was awarded to **M/S Sardar Dawood Builders, Government Contractor**, vide Executive Engineer Buildings Division No. 2 Rawalpindi vide No. 2086/C, dated. 08.04.2022 with an agreement amount of **Rs. 40,942,300/-** and time limit of **18 Months** which is in progress at site, due to an abnormal hike in the prices of construction material Government of Punjab Planning and Development Board issued Notification No. 594/AC(Tech)/P&D/2022-23 Dated 09-Sep-2022 where in the allowable cushion for price variation has been increased from 3% to 10%. In the light of above said Notification of the Government, Revised Rough Cost Estimate of the scheme amounting to **Rs. 46.252 (M)** has been prepared and submitted for arranging revised administrative approval and requisite funds from the competent authority.

SCOPE OF WORK: (Same as Approved)

1	Construction of P.C.C Road	1	P.Job
2	External Finishing of Building	1	P.Job
3	Renovation Of Dental Department	1	P.Job
4	Paint Work In THQ Building	1	P.Job
5	Renovation Of X-Ray Room Radiology	1	P.Job
6	Replacement Of Washrooms Internal Sewerage Line	1	P.Job
7	Rehabilitation of MCH Centre Washrooms	1	P.Job
8	Roof Protection Work MCH Centre	1	P.Job
9	Construction of Ramp	978	Sft
10	Replacement Of Wooden Doors With Aluminum Door	1	P.Job
11	Provision of Tube Well	1	P.Job
12	Construction of Chamber Room	168	Sft
13	Replacement/Laying of Mian Sewerage line	1	P.Job
14	Rehabilitation of Central Registration Centre	1	P.Job
15	Rehabilitation of Mortuary 1485Sft + additional area 75sft=1560sft	1560	Sft
16	Provision of LED Street Lights on Main Road	18	Each
17	Up-Gradation of Waiting Area	1	Job
18	Replacement Of Main Door Glass	1	Job
19	Wall Paneling and ceiling work of 4 Main OPD	1	Job
20	Extension of Operation theatre	1	Job
21	Construction of Boundary Wall 9" thick & 8' height	380	P.Rft
22	Renovation Of Admin Room # 2	1	Job
23	Renovation Of Male and Female Ward	1	Job
24	Additional Items	1	Job
25	Extra for provision of fire alarm system and Firefighting system along with all accessories i/c pumps as required complete in all respect.	11550	Sft
26	Extra for provision of wiring of Heavy equipment of Hospital complete in all respect without networking and computers etc.	11550	Sft
27	Add External Development charges		

SPECIFICATION:

The Standard specification of Punjab Building Department will be followed for the execution of work.

CARRYING OF WORK:

The work shall be got carried out through the approved Contractor of Punjab Building Department after calling the competitive tenders through publicity.

RATE:

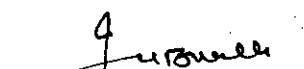
Rough Cost Estimate prepared on the basis of plinth area rates notified vide Chief Engineer (North Zone) Punjab Building Dpt Lahore memo No. CEBNZ/1120/D Dated. 09.07.2021. 2ND BI-Annual-2021 (1st JULY-2021 to 31ST DEC-2021).


TIME LIMIT:

It will take about (18) months to complete the work from its actual date of commencement.

COST:

Total cost of scheme worked out to **Rs. 46.252 (M)**.


Sub Divisional Officer
Building Sub Division
Kahuta


Executive Engineer
Building Division No.2
Rawalpindi



No.594/AC(Tech)/P&D/2022-23
GOVERNMENT OF THE PUNJAB
(INFRASTRUCTURE DEVELOPMENT WING)
PLANNING & DEVELOPMENT BOARD

Dated: Lahore the 9th September, 2022

To

1. The Senior Member, Board of Revenue, Punjab.
2. The Registrar, Lahore High Court, Lahore.
3. All Administrative Secretaries to Government of Punjab.
4. Provincial Police Officer /Inspector General Police, Lahore.
5. All Commissioners in the Punjab.
6. All Deputy Commissioners in the Punjab

Subject: **PRICE VARIATION ALLOWABLE CUSHION DUE TO IMPACT OF INFLATION ON CONSTRUCTION MATERIALS**

The public sector engineering departments have indicated risk of delays in completion of on-going schemes due to abnormal price hike of construction materials and proposed to devise a mechanism of timely payment of price variation as per Clause-55 of contract agreement. Series of consultative sessions were held at P&D Board to reach unanimous mechanism. Accordingly, it is considered appropriate that ten. (10) percent cushion may be allowed for price variation in PC-Is of on-going schemes through issuance of revised administrative approval (s).

2. In order to address the afore-stated issue, following operating procedures have been devised to address price inflation and escalation adjustments in due course of revised administrative approvals for on-going schemes / allotted works:-

- i. This provision is only for the projects / schemes, approved and awarded prior to 30-06-2022.
- ii. Provision up to 10% price variation is only for estimation purpose. However, the payment should be made as per actual in accordance with Clause-55 of Contract Agreement.
- iii. The executing agencies may submit revised cost estimates within 10% cushion of price variation without involving change in scope to their respective Administrative Departments for schemes falling under the purview of PDWP / DDSC for issuance of revised administrative approval(s).

- iv. This said dispensation / provision may also be adopted by DDWP / DDC with due diligence where applicable.
- v. In certain cases where actual cost impact of price escalation exceeds the allowable threshold of ten (10%), such cases shall be brought to the respective approving forum.
- vi. In case of any savings in the said provision, same should not be utilized for any other purpose.
- vii. Prior to substantial completion of the schemes, revised PC-Is should be submitted to the respective forums by incorporating actual price variation for consideration /approval.

This provision in cost estimates is being allowed as one time special dispensation only to streamline the procedures for revised approvals of on-going schemes valid till 31-12-2022.


 Yasser Arif Raja
 Assistant Chief (Tech-II)
 P&D BOARD

CC.

- Principle Secretary to the Chief Minister, Punjab, Lahore.
- All Members, P&D Board.
- Additional Secretary (G)/Staff Officer to the Chief Secretary, Punjab, Lahore.
- PSO to the Chairman P&D Board.

REVISED ROUGH COST ESTIMATE FOR THE WORK OF "REVAMPING OF T.H.Q HOSPITAL KAHUTA DISTRICT RAWALPINDI" ADP NO. 658 FOR THE YEAR 2022-23

COMPARATIVE STATEMENT																		
S.#	Description of items of work.	Approved Rough Cost Estimate				Work already Allotted				Work Yet to be allotted				Total		Difference		Remarks
		Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty 7+11	Amount 10+14	Excess 16-6	Saving 6-16	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	Construction of P.C.C Road	1	P.Job	2916400	2916400	1	P.Job	2916400	2916400					1	2916400			No Change
2	External Finishing of Building	1	P.Job	1105605	1105605	1	P.Job	1105605	1105605					1	1105605			No Change
3	Renovation Of Dental Department	1	P.Job	332382	332382	1	P.Job	332382	332382					1	332382			No Change
4	Paint Work In THQ Building	1	P.Job	620000	620000	1	P.Job	620000	620000					1	620000			No Change
5	Renovation Of X-Ray Room Radiology	1	P.Job	327890	327890	1	P.Job	327890	327890					1	327890			No Change
6	Replacement Of Washrooms Internal Sewerage Line	1	P.Job	1632238	1632238	1	P.Job	1632238	1632238					1	1632238			No Change
7	Rehabilitation of MCH Centre Washrooms	1	P.Job	504335	504335	1	P.Job	504335	504335					1	504335			No Change
8	Roof Protection Work MCH Centre	1	P.Job	744028	744028	1	P.Job	744028	744028					1	744028			No Change
9	Construction of Ramp	978	Sft	4394	4297332	978	Sft	4394	4297332					978	4297332			No Change
10	Replacement Of Wooden Doors With Aluminium Door	1	P.Job	321869	321869.4	1	P.Job	321869	321869					1	321869			No Change
11	Provision of Tube Well	1	P.Job	2493300	2493300	1	P.Job	2493300	2493300					1	2493300			No Change
12	Construction of Chamber Room	168	Sft	4120	692160	168	Sft	4120	692160					168	692160			No Change
13	Replacement/Laying of Mian Sewerage line	1	P.Job	523500	523500	1	P.Job	523500	523500					1	523500			No Change
14	Rehabilitation of Central Registration Centre	1	P.Job	914510	914510	1	P.Job	914510	914510					1	914510			No Change
15	Rehabilitation of Motruary 1485Sft + additional area 75sft=1560sft	1560	Sft	3684	5747040	1560	Sft	3684	5747040					1560	5747040			No Change
16	Provision of LED Street Lights on Main Road	18	Each	101621	1829178	18	Each	101621	1829178					18	1829178			No Change
17	Up-Gratation of Waiting Area	1	Job	852158	852158.2	1	Job	852158	852158					1	852158			No Change
18	Replacement Of Main Door Glass	1	Job	90184	90184.2	1	Job	90184	90184					1	90184			No Change
19	Wall Panelling and ceiling work of 4 Main OPD	1	Job	925050	925050	1	Job	925050	925050					1	925050			No Change
20	Extension of Operation theatre	1	Job	600000	600000	1	Job	600000	600000					1	600000			No Change
21	Construction of Boundary Wall 9" thick & 8' height	380	P.Rft	6077	2309260	380	P.Rft	6077	2309260					380	2309260			No Change
22	Renovation Of Admin Room # 2	1	Job	474344	474344	1	Job	474344	474344					1	474344			No Change
23	Renovation Of Male and Female Ward	1	Job	2113425	2113425	1	Job	2113425	2113425					1	2113425			No Change
24	Additional Items	1	Job	2691000	2691000	1	Job	2691000	2691000					1	2691000			No Change
25	Extra for provision of fire alarm system and Fire fighting system along with all accessories i/c pumps as required complete in all respect.	11550	Sft	20	231000	11550	Sft	20	231000					11550	231000			No Change
26	Extra for provision of wiring of Heavy equipment of Hospital complete in all respect with out networking and computers etc. <i>Power Wiring</i>	11550	Sft	35	404250	11550	Sft	35	404250					11550	461919.0			No Change
	Total				35692439				35692439						35692439			No Change
27	Add External Development charges				1073653				1073653						1073653			No Change
	Total				36766092				36766092						36766092			No Change

S.#	Description of items of work.	Approved Rough Cost Estimate				Work already Allotted				Work Yet to be allotted				Total		Difference		Remarks
		Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty 7+11	Amount 10+14	Excess 16-6	Saving 6-16	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
28	Add 10% Price Variation												3676609		3676609			As per Notification of Assistant Chief (Tech-II) (Infrastructure Development Wing) Planning & Development Board, Govt. of the Punjab, Lahore Vide No. 594/AC(Tech)/P&D/2022-23 Dated 09.09.
29	Add 3% Contingency				1102983				1102983						1102983			No Change
	Total				37869074				37869074						41545684			
30	Add 1% Tree plantation Charges				367661				367661						367661			No Change
31	Add 5% PRA Charges				1838305				1838305				1838305		1838305			No Change
32	Add WAPDA Charges for Up-Gradation				1500000				1500000						1500000			No Change
33	Add Internal Sui Gas Charges				1000000				1000000				3860439		1000000			No Change
	Total				42575040				42575040				3860439		46251640			
					Say In Millions				Say In Millions				Say In Millions		Say In Millions			
					42.575 M				42.575 M				3.860 M		46.435 M			
													3.860		46.435			
															49935497			
															49.935 (M)			

Sub Engineer

[Signature]
Sub Divisional Officer
Buildings Sub Division
Kahuta

[Signature]
Executive Engineer
Buildings Division No. 2
Rawalpindi

TECHNICALLY VETTED	
For Rs. <u>46.435</u> (Million)	
<u>49.935 (M)</u>	
Circle Head Drawn by	Supervising Engineer
Buildings Circle No. 1	Buildings Circle No. 1
Rawalpindi	Rawalpindi

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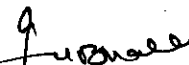
REVISED ROUGH COST ESTIMATE FOR THE WORK OF "REVAMPING OF T.H.Q HOSPITAL KAHUTA DISTRICT RAWALPINDI"
ADP NO. 658 FOR THE YEAR 2022-23

ABSTRACT OF COST

Sr. No.	Description	Plinth Area/ Qty	Unit	Plinth Area Rates										Amount	Remarks
				Building Portion						E.I	S.I	S.G	Total Rate		
				Building Portion	Extra for Strip Foundation	Extra for Base-ment:	Reduced Cost of Found-ation	Extra For 1st Floor and Subsequent Floors	Extra For Framed Structure For Each Floors						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Construction of P.C.C Road	1	P.Job	--	--	--	--	--	--	--	--	--	2916400	2916400	Detailed attached.
2	External Finishing of Building	1	P.Job	--	--	--	--	--	--	--	--	--	1105605	1105605	Detailed attached.
3	Renovation Of Dental Department	1	P.Job	--	--	--	--	--	--	--	--	--	332382	332382	Detailed attached.
4	Paint Work In THQ Building	1	P.Job	--	--	--	--	--	--	--	--	--	620000	620000	
5	Renovation Of X-Ray Room Radiology	1	P.Job	--	--	--	--	--	--	--	--	--	327890	327890	Detailed attached.
6	Replacement Of Washrooms Internal Sewerage Line	1	P.Job	--	--	--	--	--	--	--	--	--	1632238	1632238	Detailed attached.
7	Rehabilitation of MCH Centre Washrooms	1	P.Job	--	--	--	--	--	--	--	--	--	504335	504335	Detailed attached.
8	Roof Protection Work MCH Centre	1	P.Job	--	--	--	--	--	--	--	--	--	744028	744028	Detailed attached.
9	Construction of Ramp	978	Sft	2903	452	--	--	274	676	89	--	--	4394	4297332	
10	Replacement Of Wooden Doors With Aluminium Door	1	P.Job	--	--	--	--	--	--	--	--	--	321869	321869	Detailed attached.
11	Provision of Tube Well	1	P.Job	--	--	--	--	--	--	--	--	--	2493300	2493300	Detailed attached.
12	Construction of Chamber Room	168	Sft	2903	452	--	--	--	676	89	--	--	4120	692160	
13	Replacement/Laying of Mian Sewerage line	1	P.Job	--	--	--	--	--	--	--	--	--	523500	523500	Detailed attached.
14	Rehabilitation of Central Registration Centre	1	P.Job	--	--	--	--	--	--	--	--	--	914510	914510	Detailed attached.
15	Rehabilitation of Motruary 1485Sft + additional area 75sft=1560sft	1560	Sft	2887		--	--	--	676	121	--	--	3684	5747040	
16	Provision of LED Street Lights on Main Road	18	Each	--	--	--	--	--	--	--	--	--	101621	1829178	Detailed attached.
17	Up-Gradation of Waiting Area	1	Job	--	--	--	--	--	--	--	--	--	852158	852158	Detailed attached.
18	Replacement Of Main Door Glass	1	Job	--	--	--	--	--	--	--	--	--	90184	90184	Detailed attached.
19	Wall Panelling and ceiling work of 4 Main OPD	1	Job	--	--	--	--	--	--	--	--	--	925050	925050	Detailed attached.
20	Extension of Operation theatre	1	Job	--	--	--	--	--	--	--	--	--	600000	600000	

Sr. No.	Description	Plinth Area/ Qty	Unit	Plinth Area Rates										Amount	Remarks
				Building Portion						E.I	S.I	S.G	Total Rate		
				Building Portion	Extra for Strip Foundation	Extra for Base-ment:	Reduced Cost of Found-ation	Extra For 1st Floor and Subsequent Floors	Extra For Framed Structure For Each Floors						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
21	Construction of Boundary Wall 9" thick & 8' height	380	P.Rft	6077	--	--	--	--	--	--	--	--	6077	2309260	Detailed attached.
22	Renovation Of Admin Room # 2	1	Job	--	--	--	--	--	--	--	--	--	474344	474344	Detailed attached.
23	Renovation Of Male and Female Ward	1	Job	--	--	--	--	--	--	--	--	--	2113425	2113425	Detailed attached.
24	Additional Items	1	Job	--	--	--	--	--	--	--	--	--	2691000	2691000	Detailed attached.
25	Extra for provision of fire alarm system and Fire fighting system along with all accessories i/c pumps as required complete in all respect	11550	Sft										20	231000	
26	Extra for provision of wiring of Heavy equipment of Hospital complete in all respect with out networking and computers etc.	11550	Sft	--	--	--	--	--	--	--	--	--	35	404250	Detailed attached.
Total														35692493	
10736532/- Add 10% External Development														1073653	
Total														36766146	
Add 10% Price Variation														3676609	
Add 3% Contingency														1102984	
Total														41545740	
Add 1% for tree plantation charges														367661	
Add 5% PRA charges														1838307	26221357
Add Wapda chagres for Upgradation														1500000	5000000
Add Internal Sui Gas Charges														1000000	
Grand Total:-														46251708	46435480/-
Rs.in Million														46.252	

46.435


Sub Divisional Officer,
Buildings Sub Division
Kahuta


Executive Engineer,
Buildings Division No.2
Rawalpindi

GOVERNMENT OF THE
PUNJAB



STATION RAWALPINDI
DIVISION: RAWALPINDI DIVISION NO: 2
SUB DIVISION: BUILDINGS SUB DIVISION, Kahuta
CLIENT HEALTH DEPARTMENT
GOVERNMENT OF THE PUNJAB

NAME OF WORK: AMENDED ROUGH COST ESTIMATE FOR THE
WORK OF REVAMPING OF T.H.Q HOSPITAL
KAHUTA DISTRICT RAWALPINDI

MAJOR HEAD:



MINOR HEAD:

ESTIMATED COST:

42-575
Rs. 41,889/- M

AMENDED ROUGH COST ESTIMATE FOR THE WORK OF REVAMPING OF T.H.Q HOSPITAL KAHUTA DISTRICT RAWALPINDI

ABSTRACT OF COST

Sr. No.	Description	Plinth Area/ Qty	Unit	Plinth Area Rates										Amount	Remarks
				Building Portion						E.I	S.I	S.G	Total Rate		
				Building Portion	Extra for Strip Foundation	Extra for Base-ment:	Reduced Cost of Founda-tion	Extra For 1st Floor and Subsequent Floors	Extra For Framed Structure For Each Floors						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Construction of P.C.C Road	1	P.Job	--	--	--	--	--	--	--	--	--	2916400	2916400	Detailed attached.
2	External Finishing of Building	1	P.Job	--	--	--	--	--	--	--	--	--	1105605	1105605	Detailed attached.
3	Renovation Of Dental Department	1	P.Job	--	--	--	--	--	--	--	--	--	332382	332382	Detailed attached.
4	Paint Work In THQ Building	1	P.Job	--	--	--	--	--	--	--	--	--	620000	620000	
5	Renovation Of X-Ray Room Radiology	1	P.Job	--	--	--	--	--	--	--	--	--	327890	327890	Detailed attached.
6	Replacement Of Washrooms Internal Sewerage Line	1	P.Job	--	--	--	--	--	--	--	--	--	1632238	1632238	Detailed attached.
7	Rehabilitation of MCH Centre Washrooms	1	P.Job	--	--	--	--	--	--	--	--	--	504335	504335	Detailed attached.
8	Roof Protection Work MCH Centre	1	P.Job	--	--	--	--	--	--	--	--	--	744028	744028	Detailed attached.
9	Construction of Ramp	978	Sft	2903	452	--	--	274	676	89	--	--	4394	4297332	
10	Replacement Of Wooden Doors With Aluminium Door	1	P.Job	--	--	--	--	--	--	--	--	--	321869	321869	Detailed attached.
11	Provision of Tube Well	1	P.Job	--	--	--	--	--	--	--	--	--	2493300	2493300	Detailed attached.
	Construction of Chamber Room	168	Sft	2903	452	--	--	--	676	89	--	--	4120	692160	

Construction of P.C.C Road

S.No	DESCRIPTION	No.	L	B	H	QTY	AMOUNT
1	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): Ratio 1:4:8						
	Ratio 1:2:4 for stone dust 1 1/2 gauges						
	Main Entrance to Matuary	1	1150	12	1/4	3450	Cft
	Shoulder	2	1150	3	1/6	1150	Cft
					Total	4600	Cft
			@	Rs	%Cft	19233.1	884723
2	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): Ratio 1:2:4						
	Ratio						
	Main Entrance to Matuary	1	1150	12	0.5	6900	Cft
		2	1150	3	0.5	3450	Cft
					Total	6900	Cft
			@	Rs	%Cft	29443.90	2031629
					Total		2916352
					SAYS Total		2916400

Sub Divisional Officer
Buildings Sub Division
Kahuta

Executive Engineer
Buildings Division No: 2
Rawalpindi

						Total	8	Each	11
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Renovation Of Dental Department

ROOM NO. 3

S.No	DESCRIPTION	No.	L	B	H	QTY	AMOUNT
1	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): Ratio 1:2:4 Ratio						
		1	15.5	15.5	0.167	40	Cft
					Total	40	Cft
			@	Rs	%Cft	29,443.90	11790
2	Providing and laying superb quality Porcelain glazed tiles 24"x24" of Master brand, skirting/dado of specified size, Color and Shade with adhesive/bond over 1/2" thick (1:2) cement plaster/crte cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge. For Floor						
		1	15.5	15.5		240	Sft
					Total	240	Sft
			@	Rs	P.Sft	305.65	73432
3	-do- Dado						
	Existing Class Room	2	31		4	248	Sft
					Total	248	Sft
	D/D Door	1	4		4	16	Sft
	Win	2	4		1.5	12	Sft
					Total	28	Sft
					Total	220	Sft
			@	Rs	P.Sft	305.65	67243
4	P/L of UPVC wall paneling 10" wide of approved design & shade with gola (where necessary) i/c necessary fitting, carriage from market to site of work and labour charge complete in all respect as approved / directed by the Engineer Incharge.						
		2	31	6.5		403	Sft
					Total	403	Sft
	D/D Door	1	4		3	12	Sft
	Win	2	4		4.5	36	Sft
					Total	48	Sft
					Total	355	Sft
			@	Rs	P.Sft	166.00	68575
5	P/F False ceiling (DAMPA) sheet 2'x2' imported fixed with Aluminum frame (TEE & L) hanged with 10 No wire with RCC roof slab i/c cost of Hook & Scaffolding, carriage charges complete in all respect & as approved by the Engineer Incharge.						
		1	15.5	15.5		240	Sft
		1	7	7		49	Sft
					Total	289	Sft
			@	Rs	P.Sft	360.00	40430
6	Providing and fixing SMD CEILING LIGHTS in all respects as approved by the Engineer (18 watt)						
						8	Each

Renovation Of X-Ray Room Radiology

S.No	DESCRIPTION	No.	L	B	H	QTY	AMOUNT
1	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): Ratio 1:2:4 Ratio						
	X-Ray Room	1	15.5	11.25	0.167	29	Cft
	Drak Room	1	7	9.5	0.167	11	Cft
					Total	40	Cft
			@	Rs	%Cft	29,443.90	11820
2	Providing and laying superb quality Porcelaing lazed tiles 24"x24" of Master brand, skirting/dado of specified size, Color and Shade with adhesive/bond over 1/2" thick (1:2) cement plaster/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge. For Floor						
	X-Ray Room	1	15.5	11.25		174	Sft
	Drak Room	1	7	9.5		67	Sft
					Total	241	Sft
			@	Rs	P.Sft	305.65	73623
3	-do-- Dado						
	Existing Class Room	2	26.75		4	214	Sft
					Total	214	Sft
	D/D Door	1	4		4	16	Sft
		1	3		4	12	Sft
					Total	28	Sft
					Total	186	Sft
			@	Rs	P.Sft	305.65	56851
4	P/L of UPVC wall paneling 10" wide of approved design & shade with gola (where necessary) i/c necessary fitting, carriage from market to site of work and labour charge complete in all respect as approved / directed by the Engineer Incharge.						
		2	26.75	6.5		348	Sft
		2	16.5	6.5		215	Sft
					Total	562	Sft
	D/D Door	1	3		3	9	Sft
					Total	9	Sft
					Total	553	Sft
			@	Rs	P.Sft	465.00	246551
5	P/F False ceiling (DAMPA) sheet 2'x2' imported fixed with Aluminum frame (TEE & L) hanged with 10 No wire with RCC roof slab i/c cost of Hook & Scaffolding, carriage charges complete in all respect & as approved by the Engineer Incharge.					135/-	
		1	15.5	11.25		174	Sft
		1	7	9.5		67	Sft
					Total	241	Sft
			@	Rs	P.Sft	360.00	84350
6	Providing and fixing SMD CEILING LIGHTS in all respects as approved by the Engineer (18 watt)					350	86745

						12	Each
					Total	12	Each
		@	Rs	Each	1,800.00	21600	
7	Providing and Errection of Red LED light in Front of Radiology room with operating button etc						
						1	Each
				Total	1	Each	
		@	Rs	P.Rft	5,000.00	5000	
				Total		←346896	

327,890/

[Signature]
Sub Engineer

[Signature]
Executive Engineer
Building Division No. 2
Rawalpindi

[Signature]
Sub Divisional Officer
Buildings Sub Division
Kahuta

Replacement Of Washrooms Internal Sewerage Line

S.No	DESCRIPTION	No.	L	B	H	QTY	AMOUNT
1	Dismantling glazed or encaustic tiles, etc.						
		20	5	6		600	P.Sft
		20	2	11	4.000	1760	P.Sft
					Total	2360	Each
			@	Rs	Each	2,006.40	47351
2	Providing and fitting "P" trap:- 4"						
					Total	10	Each
			@	Rs	Each	684.60	6846
	do 3"						
					Total	10	Each
			@	Rs	Each	462.60	4626
	Providing, fixing, testing and commissioning of u-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 41/SN-4)						
	3" dia	20	16			320	P.Rft
			@	Rs	P.Rft	121.10	38752
	4" dia	20	14			280	P.Rft
			@	Rs	P.Rft	205.00	57400
	6" dia	20	30			600	P.Rft
					Total	600	P.Rft
			@	Rs	P.Rft	398.70	239220
2	P.C.C 1:2:4 i/c placing compacting curing comp.						
		20	5	6		600	Sft
					Total	600	Sft
			@	Rs	%Cft	29,443.90	176663
3	Providing and laying superb quality Porcelain glazed tiles 12"x36" of Master brand, skirting/dado of specified size, Color and Shade with adhesive/bond over 1/2" thick (1:2) cement plaster of the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge. For Floor						
	Toilet	20	5	6		600	Sft
					Total	600	Sft
			@	Rs	P.Sft	205.65	123390
4	-DO- DADO						
	Toilet	20	2	11	5	2200	Sft
					Total	2200	Sft
	Door	20	2.5	5		250	Sft
					Total	250	Sft
					Total	1950	Sft
			@	Rs	P.Sft	385.65	696048
5	P /F Glazed Earthenware Water Closet Squatter type Orisa pattern combined with foot rest (White)					212/40	415155

						20	Nos
					Total	20	Nos
		@	Rs	P.Sft	6,456.40	129128	
6	P/F Plastic made Lowdown Flushing Cistern 13.63-liters (03-gallons capacity) i/c bracket set, copper connection etc complete (Colored)					20	Each
		@	Rs	Each	2,405.25	48105	
7	P/F CP Bib Cock 1.5-cm (1/2")					20	Each
		@	Rs	Each	468.40	9368	
9	Providing and fitting glazed earthen ware wash hand basin 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc. coloured, with pedestal					20	Each
		@	Rs	Each	4,611.00	92220	
10	Providing, laying, testing and commissioning of POLYPROPYLENE AND OMCO OLYMER (PPRC) water supply pipe made of (Dadex/Popular/Beta/BBJ) with specified pressurizing N(PRESSURE NOMINAL) and conforming to DIN 8077-8078 code i/c cost of solvent, specials, making joints complete in all respects as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned). PN-16						
	25 MM					500	Rft
		@	Rs	Rft	46.75	23375	
	32 MM					300	Rft
		@	Rs	Rft	75.40	22620	
11	Providing and hoisting vertical/horizontal type storage tank of required capacity made of rotationally molded from (HDPE), double polyethylene of approved manufacturer i/c cost of making connection for inlet/outlet pipe, float valve/call cost of specials & labour complete in all respect as approved and directed by the Engineer Incharge.					1000	P.Gln
		@	Rs	Gln	93.10	93100	
12	S/E of pvc pipe for wiring purpose recessed 3/4" dia					150	Rft
		@	Rs	Rft	82.75	12413	
13	S/E single core PVC 3/029"					1500	Rft
		@	Rs	Rft	21.35	32025	
14	S/E single core PVC 7/029"					500	Rft
		@	Rs	Rft	33.40	16700	
bdo..... Twin core 7/0.44 for service connection.					50	Rft
		@	Rs	Rft	129.20	6460	
17	S.E of LED Bulb 18 Watt					20	Nos
		@	Rs	Each	350.0	7000	
18	P/F PVC double layer Switch kit Faceplate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schneider, screws complete as approved and directed by the Engineer Incharge					20	Nos
a	02 Gange	@	Rs	Each	557.4	11148	
b	03 Gange	@	Rs	Each	10	Nos	
		@	Rs	Each	661.8	6618	

20	Providing and fixing M.S. iron box for housing main switches, ditto made of 1.5 mm (1/16") thick M.S. sheet, with locking arrangement, including painting:- circuit breaker 60 Amp 1 No, CB 10/15 Amp 7 No, Copper bus bar 1 No, Indicator light 3 No, Volt meter 1 No etc complete in all respect as approved and directed by the Engineer in-charge. 60x35x15 cm (24"x14"x6")						
			@	Rs	Each	2	Nos
						6,277.6	12555
						Total	1813101

17

16,32,238

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Sub Engineer

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Executive Engineer
Building Division No. 2
Rawalpindi

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Sub Divisional Officer
Buildings Sub Division
Kahuta

Rehabilitation of MCH Centre Washrooms

18

S.No	DESCRIPTION	No.	L	B	H	QTY	AMOUNT
1	Dismantling glazed or encaustic tiles, etc.	6	5	5		150	P.Sft
		6	2	10	4.0	480	P.Sft
					Total	630	Each
			@	Rs	Each	2,008.40	12640
2	Providing and fitting "P" trap:- 4"				Total	6	Each
			@	Rs	Each	684.60	4108
	do 3"				Total	6	Each
			@	Rs	Each	462.60	2776
7	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 41/SN-4)						
	3" dia	6	13			78	P.Rft
			@	Rs	P.Rft	121.10	9446
	4" dia	6	12			72	P.Rft
			@	Rs	P.Rft	205.00	14760
	6" dia	6	25			150	P.Rft
					Total	150	P.Rft
			@	Rs	P.Rft	398.70	59805
2	P.C.C 1:2:4 l/c placing compacting curing comp.	5	5	5		125	Sft
					Total	125	Sft
			@	Rs	%Cft	29,443.90	36805
	Providing and laying superb quality Porcelain glazed tiles 12"x36" of Master brand, skirting/dado of specified size, Color and Shade with adhesive/bond over 1/2" thick (1:2) cement plaster/cite cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge. For Floor						
	Toilet	6	5	5		150	Sft
					Total	150	Sft
			@	Rs	P.Sft	205.65	30848
4	-DO- DADO						
	Toilet	6	2	10	5	600	Sft
					Total	600	Sft
	Door	6	2.5	5		75	Sft
					Total	75	Sft
					Total	525	Sft
			@	Rs	P.Sft	205.65	107966
5	P /F Glazed Earthenware Water Closet Squatter type Orisa pattern combined with foot rest (White)					212/90	1.11.77-2
						6	Nos
					Total	6	Nos
			@	Rs	P.Sft	6,456.40	38738
6	P /F Plastic made Lowdown Flushing Cistern 13.63-liters (03-gallons capacity) l/c bracket set, copper connection etc complete (Colored)						

					6	Each
		@	Rs	Each	2,405.25	14432
7	P/F CP Bib Cock 1.5-cm (1/2")				20	Each
		@	Rs	Each	468.45	9368
9	Providing and fitting glazed earthen ware wash hand basin 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc. coloured, with pedestal				6	Each
		@	Rs	Each	4,611.00	27666
10	Providing, laying, testing and commissioning of POLYPROPYLENE AND OMCO OLYMER (PPRC) water supply pipe made of (Dadex/Popular/Beta/BBJ) with specified pressure rating N (PRESSURE NOMINAL) and conforming to DIN 8077-8078 code i/c cost of solvent, specials, making joints complete in all respects as approved and directed by Engineer in charge. (Internal/External Diameters mentioned). PN-16				250	Rft
	25 MM	@	Rs	Rft	46.75	11688
	32 MM	@	Rs	Rft	180	Rft
		@	Rs	Rft	75.40	13572
11	Providing and hoisting vertical/horizontal type storage tank of required capacity made of rotationally molded from (HDPE), double polyethylene of approved manufacturer i/c cost of making connection for inlet/outlet pipe, float valve/call cost of specials & labour complete in all respect as approved and directed by the Engineer in charge.				500	P.Gln
		@	Rs	Gln	93.10	46550
12	S/E of pvc pipe for wiring purpose recessed 3/4" dia				80	RR
		@	Rs	Rft	82.75	6620
13	S/E single core PVC 3/029"				900	Rft
		@	Rs	Rft	21.35	19215
14	S/E single core PVC 7/029"				400	Rft
		@	Rs	Rft	33.40	13360
do..... Twin core 7/0.44 for service connection.				50	Rft
		@	Rs	Rft	129.20	6460
17	S/E of LED Bulb 18 Watt				6	Nos
		@	Rs	Each	350.0	2100
18	S/I of Bush Hiltite made Gang Plate i/c Box complete in all respect.				6	Nos
a	02 Gauge	@	Rs	Each	557.4	3344
b	03 Gauge	@	Rs	Each	3	Nos
		@	Rs	Each	661.8	1985
20	Providing and fixing M.S. iron box for housing main switches, ditto made of 1.5 mm (1/16") thick M.S. sheet, with locking arrangement, including painting:- circuit breaker 60 Amp 1 No, CB 10/15 Amp 7 No, Copper bus bar 1 No, Indicator light 3 No, Volt meter 1 No etc complete in all respect as approved and directed by the Engineer in-charge. 60x35x15 cm (24"x14"x6")				1	Nos
	Hall, Class Room	@	Rs	Each	6,277.6	6278
					Total	504335

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Sub Engineer


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Executive Engineer
Building Division No. 2
Rawalpindi

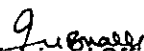
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Sub Divisional Officer
Buildings Sub Division
Kahuta

Roof Protection Work MCH Centre

S.No	DESCRIPTION	No.	L	B	H	QTY	AMOUNT
1	Raking and washing joints of brick masonry (old work).						
	Roof	1	126.5	40		5060	Sft
		1	31	11		341	Sft
		1	23	10.5		242	Sft
		1	19.5	12		234	Sft
		1	24	25		600	Sft
					Total	6477	Sft
			@	Rs	%Cft	580.80	37616
3	P/L Iron Jali 1/16" Gauge Having mesh size upto 1-1/2" x 1-1/2"					6477	Sft
					Total	6477	Sft
			@	Rs	P.Sft	60.00	388590
	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): Ratio 1:2:4 Ratio						
		1	126.5	40	0.167	843	Cft
		1	31	11	0.167	57	Cft
		1	23	10.5	0.167	40	Cft
		1	19.5	12	0.167	39	Cft
		1	24	25	0.167	100	Cft
					Total	1079	Cft
			@	Rs	P.Sft	29,443.90	317822
					Total		744028


Sub Engineer


Executive Engineer
Building Division No. 2
Rawalpindi


Sub-Divisional Officer
Buildings Sub Division
Kahuta

Replacement Of Wooden Doors With Aluminium Door

S.No	DESCRIPTION	No.	L	B	H	QTY	AMOUNT
1	Removing door with chowkat.						
	Wards (Male & Female)					4	Each
	Gallery (G.Floor+1st Floor)					3	Each
	OPD					6	Each
					Total	13	Each
			@	Rs	Each	376.20	4891
2	Providing and fitting all types of glazed aluminium windows of anodised bronze colour partly fixed and partly sliding using delux sections of approved manufacturer having frame size of 100 x 20 mm (4"x2") and leaf frame sections of 50 x 20 mm (2"x2"), all of 1.6mm thickness including 5 mm thick imported tinted glass with rubber gasket using approved standard latches, hardware etc., as approved by the Engineer in-charge.						
	Wards (Male & Female)	4	4.5		8.5	153	P.Sft
	Gallery (G.Floor+1st Floor)	3	6.25		8.5	159	P.Sft
	OPD	6	4		8.5	204	P.Sft
					Total	516	P.Sft 316,978
			@	Rs	P.Sft	614.30	347209
					Total		322400

321,869

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Sub Engineer

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Executive Engineer
Building Division No. 2
Rawalpindi

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Sub-Divisional Officer
Buildings Sub Division
Buildings Sub Division

BORING OF TUBE WELL

MRS, 1st BI-ANNUAL-2022

S No	Description	No	L	B	H	Qty	Amount
1	Electric resistivity survey Complete in all respects						
		1				1	
			@	Rs.	30000	Job	30000
2	Boring for tubewell in all types of soil except shingle and rock, from ground level to 100 ft. (30 m) depth, including sinking and withdrawing of casing pipe, complete 12" Dia.						
		1	100			100	
					Total	100	
			@	Rs.	1363.90	P.Rft	136390
3	Boring for tubewell in all types of soil except shingle and rock, from 101 to 200 ft. (30 m) depth, including sinking and withdrawing of casing pipe, complete 12" Dia.						
		1	100			100	
					Total	100	
			@	Rs.	1664.75	P.Rft	166475
4	Boring for tubewell in all types of soil except shingle and rock, from 201 to 300 ft. (30 m) depth, including sinking and withdrawing of casing pipe, complete 12" Dia.						
		1	100			100	
					Total	100	
			@	Rs.	2033.90	P.Rft	203390
5	Boring for tubewell in all types of soil except shingle, gravel & rock, from a depth of 300.1 ft. to 400 ft. (90 to 120 m) below ground level, including sinking and withdrawing of casing pipe, complete:-						
		1	400			400	
					Total	400	
			@	Rs.	2418.60	P.Rft	967440
6	Providing and installing P.V.C. blind pipe, B.S.S. Class 'B', in tubewell bore hole, including sockets and solvents and jointing with strainer, etc. complete 8" i/d (150 mm)						
		1	300			300	
					Total	300	
			@	Rs.	1194.3	P. Rft	358290
7	Providing and installing, P.V.C. strainer B.S.S. Class 'B', in tubewell bore hole, including sockets and solvents, etc. complete:- 8" i/d						
		1	100			100	
					Total	100	
			@	Rs.	905.0	P. Rft	90500
8	Providing and installing M.S. Ball plug in tubewell bore hole: 8" i/d, 2 ft. (200 mm i/d 600 mm) long						
		1				1	
					Total	1	
			@	Rs.	426.15	Each	426
9	Providing, laying, testing and commissioning of Grade-B, MS Seamless Schedule pipe of nominal diameter, conforming to ASTM-106 made (Jamal Pipes/ Hufaz Pipes/ Crescent Pipes) duly welded i/c the cost of specials complete as approved and directed by the Engineer Incharge. 1-1/4"						
		1	400			400	
					Total	400	
			@	Rs.	85	P. Rft	34000
10	P/F KSB Submersible pump & Motor with Complete set Head = 330 ft Flow = 1000 GPH Setting = 300 ft Model: BPDS 4/5-21 + 3 HP (2900 rpm) Scope of Supply: KSB Submersible Pump & Motor + HDP Pipe + Pipe Nipple + Steel rope with clamp + Water proof electric cable + Non Return Valve + Bore casing cover plate + Motor Control (with all safety devices) i/c Transportation & Installation COMPLETE IN ALL RESPECT AS APPROVED AND DIRECTED BY THE ENGINEER IN-CHARGE.						
		1				1	

					Total	1	
		@	Rs.	442600	Each	442600	
11	Providing, laying, testing and commissioning of POLYPROPYLENER AND OMCO OLYMER (PPRC) water supply pipe made of (Dadex/Popular/Beta/BBJ) with specified pressurizing N (PRESSURE NOMINAL) and conforming to DIN 8077-8078 code i/c cost of solvent, specials, making joints complete in all respects as approved and directed by Engineer Incharge (Internal/External Diameters mentioned). PN-16						
		1	350			350	
					Total	350	
		@	Rs.	75.40	P. Rf	26390	
12	S/E of copper conductor cable for service connection in pre laid pipes 7/0.044 complete twin cable						
		1	200			200	
					Total	200	
		@	Rs.	129.20	P. Rf	25840	
13	Testing and developing of tubewell of size 6" (150 mm) i/d and above continuously, upto 1.5 cs. Discharge						
		1	48			48	
					Total	48	
		@	Rs.	1475.20	P. Rf	70810	
14	Shrouding with graded pea gravel 3/8" to 1/8" (10 to 3 mm), around tubewell in bore hole.						
		1	0.1527	400		61	
					Total	61	
		@	Rs.	121.50	P. Rf	7421	
15	P/F PVC double layer Switch kit Faceplate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schneider, screws complete as approved and directed by the Engineer Incharge Power plug Three Pin Power Plug 15-32 Amp One way Gange Switch						
		1				1	
					Total	1	
		@	Rs.	673.8	Each	674	
					Total	2530646	
					Total	2530646	

24

24,933,461

24,933,000

Executive Engineer
Building Division No. 2
Rawalpindi

Sub Divisional Officer
Buildings, Sub Division
Kahuta

DETAIL OF EXTERNAL SEWERAGE SYSTEM

1st Bi-Annual 2022

24

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

1	x	320	x	3	x	3	2880 Cft
Total							2880 Cft
@ 7446.05							% Cft = 21445

- 2 Constructing of Manhole/ Sump 2'-6" x 4'-0" x 5'-0" (Internal Size) including PCC 1:6:12, 6" thick, brick work in 1:5 mortar and 13.5" thick, plastered inside in 1:4 cement sand and 4" thick RCC slab 6" c/c 3/8" steel bars G-40 including Manhole cover, complete in all respect as approved by the Engineer Incharge

Analysis Attached

= 4	= 4 Nos.	
38700	= 4 Nos.	154800
@ 32840	Each	= 161384

- 3 Providing and laying R.C.C. pipe sewers, moulded with cement concrete 1:1 1/2:3 conforming to ASTM Specification C-76-79, 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.

122 / 3	12" dia class II		320 RR
i)	1	x	320
Total			320 RR
@ 639.45			P-RR = 204624

- 4 Rehandling of earthwork: a) Lead upto a single throw of Kass, phacrah or shovel

29 / 13	Same as item No. 1 above.		= 2880 CR
Total		= 2880 Cft	
@ 2112.00		% Cft	= 6083

- 5 Provision Of Septic Tank

29 / 13			1 Job	
Total		136500	1 Job	136500
@ 136800		/ Job		= 136800
Total =			523452	
Say: =			523500	

Sub Engineer

Sub Divisional Officer
Buildings Sub Division
Taxila At Rawalpindi

Executive Engineer
Building Division No. 2
Rawalpindi

ANALYSIS FOR

Constructing of Manhole/ Sump 2'-6" x 4'-0" x 5'-0" (Internal Size) including PCC 1:6:12, 6" thick, brick work in 1:5 mortar and 13.5" thick, plastered inside in 1:4 cement sand and 4" thick RCC slab 6" c/c 3/8" steel bars G-40 including Manhole cover, complete in all respects as approved by the Engineer Incharge.

1st BI-Annual 2022

- 1 Excavation in open cutting for sewer and manhole i/c rehandling

$$1 \times 5 \times 7 \times 3 = 105 \text{ Cft}$$

$$@ \frac{7446.05}{754/25} \% \text{ Cft} = 793/282$$
- 2 Cement concrete brick or stone ballast 1 1/2" to 2" gauge in foundation and plinth 1 : 6 : 12.

$$1 \times 5 \times 7 \times 1/2 = 18 \text{ Cft}$$

$$\text{Total:-} = 18 \text{ Cft}$$

$$@ \frac{15700.80}{16649/40} \% \text{ Cft} = 299/2826$$
- 3 Pacca brick work other than buildings upto 10' height with cement sand mortar 1 : 4.

$$2 \times 3 \frac{1}{4} \times 3/4 \times 3 \frac{1}{2} = 17 \text{ Cft}$$

$$2 \times 5 \frac{1}{4} \times 3/4 \times 3 \frac{1}{2} = 28 \text{ Cft}$$

$$\text{Total:-} = 45 \text{ Cft}$$

$$@ \frac{30114.00}{31332/45} \% \text{ Cft} = 14/1351$$
- 4 P/L Cement concrete plan 1 : 2 : 4 i/c finishing

$$1 \times 2 \frac{1}{2} \times 4 \frac{1}{2} \times 1/8 = 1.41 \text{ Cft}$$

$$\text{Total:-} = 1.40625 \text{ Cft}$$

$$@ \frac{29443.90}{29443.90} \% \text{ Cft} = 414$$
- 5 1/2" thick cement plaster 1 : 4 upto 20' height.

$$2 \times (2.5 + 4.5) \times 4 = 84 \text{ Sft}$$

$$\text{Total:-} = 84 \text{ Sft}$$

$$@ \frac{2661.85}{2723/25} \% \text{ Sft} = 2287/2236$$
- 6 Reinforced cement concrete in slab of raft, complete in all respects (Ratio 1:2:4)

$$4 \times 6 \times 1/3 = 8 \text{ Cft}$$

$$2 \times 3.14 \times 0.92 \times 0.92 \times 0.33 = 2 \text{ Cft}$$

$$\text{Total} = 8 \text{ Cft}$$

$$\text{Total} = 2 \text{ Cft}$$

$$\text{Net} = 6 \text{ Cft}$$

$$@ \frac{342.50}{345/35} \text{ P.Cft} = 2072/2055$$
- 7 Fabrication of Mild Steel Reinforcement G-40 i/c cutting, bending, laying in position /fastening i/c removal of rust from bars and cost of binding wire etc complete as approved by the Engineer Incharge

$$4 \times 5 \times 0.454 = 9 \text{ Kg}$$

$$@ \frac{26697.35}{26697.35} \% \text{ Kg} = 2351/2340$$
- 8 Providing and fixing, 6" (150 mm) thick R.C.C. manholecover for 22" as per standard drawing STD/PD No. 6 of 1977, complete in all respects.

$$1 \times 1.000 = 1 \text{ No}$$

$$@ \frac{13419.70}{13457/30} \text{ Each} = 13457/13420$$
- 9 Rehandling of Earth, lead upto a single throw of Kassi /Phoawrah or Shovel

$$1 \times 105 = 105 \text{ Cft}$$

$$@ \frac{2112.00}{2112.00} \% \text{ Cft} = 222$$

$$\text{Total:-} = 38694/37846$$

$$\text{Say:-} = 38700/37846$$

Sub Engineer

Sub Divisional Officer
Buildings Sub Division No. 1
Kahuta

Executive Engineer
Buildings Division No. 2
Rawalpindi

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Septic Tank							
S.NO	DESCRIPTION	NO	L	B	D	QTY	AMOUNT
1	Earthwork excavation in open cutting upto 5'-0" (1.5 m) depth for storm water channels, drains, sullage drains in open areas, roads, streets, lanes, including under pinning of walls and shoring to protect existing works, shuttering and timbering the trenches, dressed to designed level and dimensions, trimming, removal of surface water from						
		1	13	8	5	520	Cft 3928/
		@		7,446.05	%Cft	520	-3872
2	Cement concrete brick or stone ballast 1 1/2" to 2" gauge in foundation and plinth ratio (1:4:8)			7554/25			
		1	13	8	0.33	34	Cft 6601/
		@		18,390.00	%cft	34	-6284
3	Pacca brick work 1:4 c/s OTB			19233/10			
		2	12.5	0.75	5	94	Cft
		2	6.5	0.75	5	49	Cft
		2	6.5	0.375	4	20	Cft 19231/
		@		30,144.00	%Cft	162	-48765
4	Reinforced cement concrete in roof slab, beams, extra, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast 3) This item shall not be applicable in situ, complete in all respects:- (nominal mix 1: 2: 4)			31332/45			
		1	12.5	8	0.412	41	Cft 19231/
		@		466.20	P.Cft	41	-19207
5	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending and taying in position i/c cost of binding wire and also removal of rust from bar(deform).			469/05			
		41	6.75	0.454		126	Cft 32920/
		@		25,997.35	%KG	126	-32824
6	Mosaic dado or skirting with one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips, laid over 1/2" (13 mm) thick cement plaster 1:3, including rubbing and polishing, complete with finishing: (a) using grey cement: 1/2" (13 mm) thick up to rubbing & polishing			26127/25			
		2	6.5	5		65	Cft
		2	2.5	5		25	Cft
		4	2.5	5		50	Cft 20788/
		@		17,183.45	%Sft	140	-24057
7	P.C.C 1:2:4 i/c placing copacting curing comp.			4848/85			
		1	6.5	2.5		16	Cft
		@		29,443.90	%Cft	16	4785
TOTAL							139810
Says							139800

1,39,000/-

[Signature]
Executive Engineer
Building Division No. 2
Rawalpindi

[Signature]
Sub Divisional Officer,
Buildings Sub Division,
Kahuta

Rehabilitation of Central Registration Centre

27

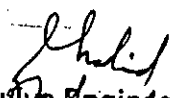
S.No	DESCRIPTION	No.	L	B	H	QTY	AMOUNT
1	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): Ratio 1:2:4 Ratio						
	X-Ray Room	1	18.75	8	0.167	25	Cft
	Drak Room	1	18.75	11.25	0.167	35	Cft
					Total	60	Cft
			@	Rs	%Cft	29,443.90	17712
2	Providing and laying superb quality Porcelaing lazed tiles 24"x24" of Master brand, skirting/dado of specified size, Color and Shade with adhesive/bond over 1/2" thick (1:2) cement plaster/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge. For Floor						
	X-Ray Room	1	18.75	8		150	Sft
	Drak Room	1	18.75	11.25		211	Sft
					Total	361	Sft
			@	Rs	P.Sft	305.65	110321
3	-do- Dado						
	Existing Class Room	2	26.75		4	214	Sft
		2	30		4	240	Sft
					Total	454	Sft
	D/D Door	2	4		4	32	Sft
	Win	3	4.5		1.5	20	Sft
		1	3.5		1.5	5	Sft
					Total	58	Sft
					Total	397	Sft
			@	Rs	P.Sft	305.65	121190
4	P/L of UPVC wall paneling 10" wide of approved design & shade with gola (where necessary) i/c necessary fitting, carriage from market to site of work and labour charge complete in all rrspect as approved / directed by the Engineer Incharge.						
		2	26.75	5.5		294	Sft
					Total	294	Sft
	D/D Door	2	4		4	32	Sft
		3	4.5		4	54	Sft
		1	3.5		4	14	Sft
					Total	100	Sft
					Total	194	Sft
			@	Rs	P.Sft	169.10	26194
5	P/F False ceiling (DAMPA) sheet 2'x2' imported fixed with Aluminum frame (TEE & L) hanged with 10 No wire with RCC roof slab i/c cost of Hook & Scaffolding, carriage charges complete in all respect & as approved by the Engineer Incharge.						
		1	18.75	8		150	Sft
					Total	150	Sft
			@	Rs	P.Sft	350	52500
					360.00	54000	

Replacement Of Main Door Glass

(32)

S.No	DESCRIPTION	No.	L	B	H	QTY	AMOUNT
1	Removing door with chowkat.					1	Each
					Total	1	Each
		@	Rs	Each	376.20	376	
2	Providing and fixing 1st class solid wood wrought joinery in panelled or panelled and glazed doors and windows of specified thickness with 1" thick solid wood panels with step and 1-1/2"x2-1/2" beadings all around the panels i/c the cost of Tower bolt and handles complete in all respect (Excluding the cost of sliding bolt, lock and chowkats (frame), etc.) as approved and directed by the Engineer Incharge Oak/Ash wood Door 1-1/2" thick (40 mm)						
		1	6		8	48	P.Sft
					Total	48	P.Sft
		@	Rs	Each	1,477/15	70903	
3	Providing and fixing M.S. sheet hollow pressed frame of doors, windows, C. windows, etc. (chowkat only) of 20 SWG welded with M.S. flat 6"x 1 1/4" x 1/8" (150 mmx30mmx3mm) M.S. holdfast 9"x1"x1/8" (225mmx25mmx3mm) welded/screwed 4" (100 mm) long iron hinges, including filling chowkat with cement sand mortar 1:2:4 and embedding holdfast in cement concrete 1:2:4, complete in all respects: double rebate						
		1	6		8	48	P.Sft
					Total	48	P.Sft
		@	Rs	Each	393.85	18905	
					Total	90184	


Sub Engineer


Executive Engineer
Building Division No. 2
Rawalpindi


Sub-Divisional Officer
Buildings Sub Division
Kahuta

Extension of Operation theatre

34

S.No	DESCRIPTION	No.	L	B	H	QTY	AMOUNT
1	Dismantling glazed or encaustic tiles, etc.						
	Existing Bath	2	3.5	6		42	Cft
		1	4	5.25		21	Cft
					Total	63	Cft
			@	Rs	%Cft	2,006.40	1264
2	Dismantling cement concrete 1:2:4 plain.						
	Existing Bath	2	3.5	6	0.25	11	Cft
		1	4	5.25	0.25	5	Cft
					Total	16	Cft
			@	Rs	%Cft	9,292.80	1464
	Dismantling brick work in lime or cement mortar.						
		1	14	0.75	10	105	Cft
					Total	105	Cft
			@	Rs	%Cft	3,590.40	3770
	Dry rammed brick or stone ballast, 1½" to 2" (40 mm to 50 mm) gauge.						
		2	3.5	6	0.33	14	Cft
		1	4	5.25	0.33	7	Cft
					Total	21	Cft
			@	Rs	%Cft	6,270.00	1304
6	Scraping:- Existing White wash						
		2	21.75	11		479	Sft
		2	12	11		264	Sft
					Total	743	Sft
	D/D	1	4	7		28	Sft
					Total	715	Sft
			@	Rs	%Sft	211.20	1509
7	Distempering:- old surface:- two coats						
	As per item no 6					715	Sft
					Total	715	Sft
			@	Rs	%Sft	1,135.10	8110
2	P.C.C 1:2:4 i/c placing compacting curing comp.						
	Bath	2	3.5	6	0.167	7	Sft
		1	4	5.25	0.167	4	Sft
					Total	11	Sft
			@	Rs	%Cft	29,443.90	3098
	Providing and laying superb quality Porcelain glazed tiles 24"x24" of Master brand, skirting/dado of specified size, Color and Shade with adhesive/bond over 1/2" thick (1:2) cement plaster/cr/cr and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer						
		1	18	14		252	Sft
					Total	252	Sft
			@	Rs	P.Sft	305.65	77024
	-do-- Dado						
		2	32		0.5	32	Sft
					Total	32	Sft
	D/D Door	1	4		0.5	2	Sft
	Win	2	4		0.5	4	Sft
					Total	6	Sft

35

				Total	26	Sft
	@	Rs	P.Sft	305.65		7947

Supply and installation premium graded/scratch-resistant Hygienic anti-microbial Pvc wall cladding of specified thickness duly thermoplastic welded conforming to (ISO:22196) and pasted over 12mm thick gypsum board with adhesive/solvent fixed over 14-SWG G.I Channael of size 3.5"X 2"X3.5" duly screwed on wall i/c the cost of hardwares as approved and directed by the Engineer In-charge

(a) 2.5mm thick

	2	32	95	Total	608	Sft
D/D Door	1	4		7	28	Sft
Win	2	4		6	48	Sft
				Total	76	Sft
				Total	532	Sft
	@	Rs	P.Sft	1908	135.00	748207

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

(b) Bevelled edges & flange 21.5 mm

		1x12x18=24@	Rs	P.Sft	350.00	75600
3	Providing and laying superb quality Porcelaing lazed tiles 12"x36" of Master brand, skirting/dado of specified size, Color and Shade with adhesive/bond over 1/2"thick(1:2) cement plaster/crhe costof and sealer for finishing the joints,cutting grinding complete in all respect as approved and directed by the Engineer Incharge.For Floor					
	Toilet	2	3.5	6	42	Sft
		1	4	5.25	21	Sft
				Total	42	Sft
		@	Rs	P.Sft	205.65	8637
4	do					
	Toilet	4	9.5	4	152	Sft
		2	9.25	4	74	Sft
				Total	226	Sft
	Door	4	2	4	32	Sft
				Total	32	Sft
				Total	194	Sft
		@	Rs	P.Sft	212.90	41303
5	P /IF Glazed Earthenware Water Closet Squatter type Orisa pattern combined with foot rest (White)				2	Nos
				Total	2	Nos
		@	Rs	P.Sft	6,456.40	12913

6	P /F Plastic made Lowdown Flushing Cistern 13.63-liters (03-gallons capacity) i/c bracket set, copper connection etc complete (Colored)					2	Each
		@	Rs	Each	2,405.25	4811	
7	P /F CP Bib Cock 1.5-cm (1/2")					2	Each
		@	Rs	Each	468	937	
8	Providing, fixing, testing and commissioning of u-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 41/SN-4)					500	Rft
	Size 03" i/d (75-mm)	@	Rs	Rft	121.10	60560	
						212	Rft
	Size 04" i/d (110-mm)	@	Rs	Rft	205.00	43460	
						180	Rft
	Size 06" dia	@	Rs	Rft	398.70	71766	
9	Providing And Fixing Vanity comprising Basin Of 3/4" thick pre polished granite size 6'x2' laid in white cement. Approved Quality Complete In All Respects					2	Each
		@	Rs	Each	18,500.00	37000	
10	Providing, laying, testing and commissioning of POLYPROPYLENE AND OMCO OLYMER (PPRC) water supply pipe made of (Dadex/Popular/Beta/BBJ) with specified pressure rating N (PRESSURE NOMINAL) and conforming to DIN 8077- 8078 code i/c cost of solvent, specials, making joints complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned). PN-16					600	Rft
	25 MM	@	Rs	Rft	46.75	28050	
						500	Rft
	32 MM	@	Rs	Rft	75.40	37700	
Total						600000	

36

183660/-

[Signature]
Sub Engineer

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Sub Divisional Officer
Buildings Sub Division
Kahuta

[Signature]
Executive Engineer
Buildings Division No.2
Rawalpindi

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

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

1 x 18 x 14 = 252 sq ft @ 1164 = 293328/-

Renovation Of Admin Room # 2

37

S.No	DESCRIPTION	No.	L	B	H	QTY	AMOUNT
1	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): Ratio 1:2:4 Ratio						
	X-Ray Room	1	15.5	15.5	0.167	40	Cft
					Total	40	Cft
			@	Rs	%Cft	29,443.90	11790
2	Providing and laying superb quality Porcelain glazed tiles 24"x24" of Master brand, skirting/dado of specified size, Color and Shade with adhesive/bond over 1/2" thick (1:2) cement plaster/cement and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge. For Floor						
	X-Ray Room	1	15.5	15.5		240	Sft
					Total	240	Sft
			@	Rs	P.Sft	305.65	73432
3	-do- Dado						
	Existing Class Room	2	31		4	248	Sft
					Total	248	Sft
	D/D Door	2	4		4	32	Sft
		1	4		4	16	Sft
					Total	48	Sft
					Total	200	Sft
			@	Rs	P.Sft	305.65	61130
4	P/L of UPVC wall paneling 10" wide of approved design & shade with gola (where necessary) i/c necessary fitting, carriage from market to site of work and labour charge complete in all respect as approved / directed by the Engineer Incharge.						
		2	31	6.5		403	Sft
					Total	403	Sft
	D/D Door	2	4		3	24	Sft
		1	4		3	12	Sft
					Total	24	Sft
					Total	379	Sft
			@	Rs	P.Sft	165.00	51165
						135	52535
5	P/F False ceiling (DAMPA) sheet 2'x2' imported fixed with Aluminum frame (TEE & L) hanged with 10 No wire with RCC roof slab i/c cost of Hook & Scaffolding, carriage charges complete in all respect & as approved by the Engineer Incharge.						
		1	15.5	15.5		240	Sft
					Total	240	Sft
			@	Rs	P.Sft	360.00	84,000
						350	85490
6	Providing and erection of Fancy LED panel light 2'x2' i/c light & driver 36W philips /alpha led ultra slim or equivalent i/c fixing in false ceiling and electric connection in all respects as approved by the Engineer						
						6	Each

				Total	6	Each
		@	Rs	Each	9,600.00	57600
7	Providing and fixing wooden box type wardrobe 22" (550 mm) deep including 3/4" (20 mm) thick boxing and shelves, hanger rods, hard board back drawers, brass fittings, locking arrangements, handles, internal bolts, shoe rods, etc. including three coats of enamel paint- Partial wood boxing and deodar wood shelves and leaves, etc					
	1	10		8	80	P.Sft
				Total	80	Each
		@	Rs	P.Rft	1,698.40	135232
					1,724.95	137998
				Total		490973

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Sub Engineer

Sub Divisional Officer
Buildings Sub Division
Kahuta

Executive Engineer
Building Division No. 2
Rawalpindi


Renovation Of Male and Female Ward


29


S.No	DESCRIPTION	No.	L	B	H	QTY	AMOUNT
1	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate); Ratio 1:2:4 Ratio						
	Female Ward	1	49.5	24.5	0.167	202	Cft
	Male Ward	1	30	19.5	0.167	98	Cft
					Total	300	Cft
			@	Rs	%Cft	29,443.90	88221
2	Providing and laying superb quality Porcelain glazed tiles 24"x24" of Master brand, skirting/dado of specified size, Color and Shade with adhesive/bond over 1/2" thick (1:2) cement plaster/cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge, For Floor						
		1	49.5	24.5		1213	Sft
		1	30	19.5		585	Sft
					Total	1798	Sft
			@	Rs	P.Sft	305.65	549482
3	-do- Dado						
	Existing Class Room	2	74		4	592	Sft
		2	49.5		4	396	Sft
					Total	988	Sft
	D/D Door	3	4.5		4	54	Sft
		10	4		4	160	Sft
		1	4.5		4	18	Sft
		11	2.25		4	99	Sft
					Total	331	Sft
					Total	657	Sft
			@	Rs	P.Sft	305.65	200812
4	P/L of UPVC wall paneling 10" wide of approved design & shade with gola (where necessary) i/c necessary fitting, carriage from market to site of work and labour charge complete in all respect as approved / directed by the Engineer Incharge.						
		2	74	6.5		962	Sft
		2	49.5	6.5		644	Sft
					Total	1606	Sft
	D/D Door	3	4.5		3	41	Sft
		10	4		3	120	Sft
		1	4.5		3	14	Sft
		11	2.25		3	74	Sft
						248	Sft
					Total	1357	Sft
			@	Rs	P.Sft	166.00	223946
5	P/F False ceiling (DAMPA) sheet 2'x2' imported fixed with Aluminum frame (TEE & L) hanged with 10 No wire with RCC roof slab i/c cost of Hook & Scaffolding, carriage charges complete in all respect & as approved by the Engineer Incharge.					1357	

		1	49.5	24.5		1213	Sft
		1	30	19.5		585	Sft
					Total	1798	Sft
			@	Rs	P.Sft	360.00	647490
6	Providing and erection of Fancy LED panell light 2'x2' i/c light & driver 36W philips /alpha led ultra slim or equivalent i/c fixing in false ceiling and electric connection in all respects as approved by the Engineer					350/	
						20	Each
					Total	20	Each
			@	Rs	Each	9,600.00	192000
7	Providing and fixing wooden box type wardrobe 22" (550 mm) deep including 3/4" (20 mm) thick boxing and shelves, hanger rods, hard board back drawers, brass fittings, locking arrangements, handles, internal bolts, shoe rods, etc. including three coats of enamel paint:- Partial wood boxing and deodar wood shelves and leaves, etc						
		2	10		8	160	P.Sft
					Total	160	Each
			@	Rs	P.Rft	1695/40	270464
						1724.95	275992
					Total		2177644

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Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Kahuta


Executive Engineer
Building Division No. 2
Rawalpindi

6	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 c/c fixed on alternate steps with 3" long steel screws and brass rawal plugs . 3-Nos diagonal stainless steel pipes of 1/2" dia passes through goties fixed on vertical post, i/c staines steel welding, fixing & polishing complete in all respects as approved and directed by the Engineer Incharge.	2	22			44	Rft
					Total	44	Rft
		@	Rs	P.Rft	1,784.30	78509	
7	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect:					6000	Sft
					Total	6000	Sft
		@	Rs	%Sft	1,750.20	105012	
2	Providing and fixing wooden box type wardrobe 22" (550 mm) deep including 3/4" (20 mm) thick boxing and shelves, hanger rods, hard board back drawers, brass fittings, locking arrangements, handles, internal bolts, shoe rods, etc. including three coats of enamel paint:- Partial wood boxing and deodar wood shelves and leaves, etc	2	8	2	32	P.Sft	
		4	10	8	320	P.Sft	
				Total	352	P.Sft	595,021/
		@	Rs	%Sft	1,724.95	607402	
6	P/f curtain railing pipe steel made 1" dia pipe i/c steel bracket, steel stopper complete in all respect as approved by the Engineer Incharge				76.96/45		
OPD		2	5	6	60	P.Sft	
Rooms		16	4	6	384	P.Sft	
				Total	444	P.Sft	
		@	Rs	P.Rft	278.00	123432	
				Total		2772042	

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Sub Engineer

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Sub-Divisional Officer
Buildings Sub Division
Kahuta

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Executive Engineer
Building Division No. 2
Rawalpindi


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1st BI-ANNUAL-2022

Executive Engineer
Building Division No. 2
Rawalpindi

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 MEHER CORPORATION <small>Industrial Machinery & Equipment</small>		MEHER MACHINERY CORPORATION NTN# 1062860-6 STRN# 2300106286017		Official Partners: KSB & SIEMENS			
QUOTATION							
Customer:	Building Division	Project:	Rawalpindi				
Address:	Rawalpindi	Customer Ref.:	Telephonic				
Contact Person:	Executive Engineer	Quotation Ref.:	MMC/21003/217				
Mobile No.:		Dated:	11-Jan-22				
Phone/Fax:		Validity:	30 Days				
Email:							
CUSTOMER DATA							
Sr No.	Pump Type	Application	Flow rate	Head	Setting Depth	Power	Additional Requirement
1	Submersible	Bore	500 GPH US	300 Feet	350 Ft	3 HP	
PUMP TECHNICAL DATA							
Pump Model	Head	Flow Rate	Seal Type	Casing/Volute	Impeller	Rpm	Pump Type
KSB Submersible BPOS 4-6/171	300 Feet	500 GPH US	NA	SS	SS	2900	Submersible
PUMP COMMERCIAL OFFER							
Sr.	Item	Description	Qty				
1	Pump	Ksb submersible Pump	1				
2	Motor	KSB 3 Hp	1				
3	Motor control unit	3 HP	1				
4	Water proof cable	370	1				
5	PVC Pipe	1 inch, 350ft	1				
6	Bore Casing Cover Plat		1				
7	Steel Rope	350	1				
8	Pipe Nippel+ Union		1				
9	Safety Clamps		1				
Grand Total			3,86,000/-				
Terms & Conditions: Warranty: 1 year Additional Notes (if any): In above grant total GST included							
<i>Add 5% = 19300/-</i> <i>Contractor Profit =</i> <i>Total = 405300/-</i>							
Haroon Ahmed (+92) 333 1999033 Manager Sales				Hamza Jawaid: 0333-1999028			

Sub Divisional Officer
 Building Sub Division
 Kahuta

Executive Engineer
 Buildings Division No.2
 Rawalpindi

Meher Machinery Corporation, Sales Office
 3rd Floor, Suzuki Centre Race Course, Peshawar Road, RWP.
 Tel: 051-5542443, Fax: 051-5542443

THQ HOSPITAL KAHUTA					
Provision/Installation of Power Wiring					
S.#	Description	Qty	Unit	Rate	Amount
A	L.T. (LV) SUB-STATION EQUIPMENT				
1	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).				
	Main DB for ACs				
	Incoming from New Transformer				
	(i) LT Switchboards				
	a) 2.50 Ft deep				
	(a) 1250A (3.0x6'x2.5') (01 No)	45	cft	3226.4	145188
	Incoming Breaker for Main DB for ACs				
1	Supplying ,Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws; necessary wire complete in all respect as approved and directed by the Engineer Incharge.				
	(a) Tripple Pole 1250A(50 KA)	1	each	102437.8	102437.8
	Outgoing Breakers for Main DB for ACs				
2	Supplying ,Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.				
	(a) Tripple Pole 200A(36 KA)	6	each	37457.8	224746.8
2	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).				
	Sub Main DB for ACs (3 for Main Building, 1 for Emergency, 1 for MCH, 1 for Paeds Ward)				
	Incoming from Main DB for ACs				
	(a) 12" deep				
	(ii) 200A (3'x4'x12") (06 No)	72	cft	12442.8	895881.6
	Incoming Breakers for Sub Main DB for ACs (3 for Main Building, 1 for Emergency, 1 for MCH, 1 for Paeds Ward)				
1	Supplying ,Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.				
	(a) Tripple Pole 200A(36 KA) (1*6=6)	6	each	37457.8	224747
	Outgoing Breakers for Sub Main DB for ACs (3 for Main Building, 1 for Emergency, 1 for MCH, 1 for Paeds Ward)				
2	Suppling,Installation and comissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY /SIEMEN GERMAN/TERASAKI JAPAN/ ABB SWITZERLAND in prelaid DBs and Panels i/c the cost of screws,necessary wire complete in all respect as approved and directed by the Engineer Incharge.				
	(a) Tripple Pole 63A(10 KA) (6*4=24)	24	each	7997.8	191947.2
	(b) Tripple Pole 32A(10 KA) (6*2=12)	12	each	7997.8	95973.6
	(c) Single Pole 32A(10 KA) (6*8=48)	48	each	1136.4	54547.2
	(d) Single Pole 20A(10 KA) (6*12=72)	72	each	1136.4	81820.8
3	Providing and fixing screwless cable tray cover fabricated with 18 SWG G.I. Sheet of required size i/c the cost of hardware as approved and directed by the Engineer Incharge.				
	(ii) 6" wide	1000	rft	123.6	123600
B	LT POWER CABLE				
1	150 mm sq (37/0.072") PVC insulated, PVC sheathed 4 core, 660/1100 volt non armoured cable (for Main DB for ACs)	150	rft	5585	837750
2	70 mm sq (19/0.083") PVC insulated, PVC sheathed 4 core, 660/1100 volt non armoured cable (for Sub Main DBs for ACs)	600	rft	2605.05	1563030
3	7/1.12 mm (7/0.044") PVC insulated, PVC sheathed twin core, 250/440 volts. copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc (for ACs)	600	rft	129.2	77520
TOTAL					4619190

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MMC KSB & Siemens Regional Partner

SIEMENS

Quotation

Customer: Building Division Project:
Address: Rawalpindi Quote Ref: MMC 21011-316
Phone/Fax: Revision: 0
Attention: Executive Engineer Dated: January 12, 2022
Email: hamza.javed@mehercorp.com

Sr. No.	Description	Qty	Unit Price	Total Price
1	KSB Centrifugal pump & Motor closed couple Head = 100 ft Flow = 30 GPM Model: POCO 190 + 2 HP (2900 rpm) Scope of Supply: KSB Centrifugal Pump & Motor.	1	168,500	168,500
Grand Total				PKR 168,500

Terms & Conditions:

Delivery Terms: Customer Site.
Delivery Time: 1 weeks after all technical & commercial clarifications.
Payment Terms: 100% advance before delivery & Commissioning.
Validity of Offer: 30 Days from the date of offer
Warranty: 12 Months from the date of supply.
Additional Notes (if any):
- Technical Details as per enclosed datasheets.

Add 5%
Contractor Profit = 8425/-
Total = 176925/-

Hamza Javed
Sr. Deputy Manager Sales
0344-9384685

Executive Engineer
Buildings Division No.2
Rawalpindi

12:07 pm 12/01/2022

Sub Divisional Officer
Building Sub Division
Kahuta

46



TOP PRIORITY
MOST URGENT

OFFICE OF THE
CHIEF EXECUTIVE OFFICER
DISTRICT HEALTH AUTHORITY
RAWALPINDI

Sector 4-B, Khayaban-e-Sir Syed, Rawalpindi.

Phone # 051-4831965 Fax # 051-4833640 Email: pnddharwp@gmail.com

P&D 002/THQ 11082

Dated 15/01/2022



To

The Director Architecture,
Punjab Architecture Department,
Highway Colony, Peshawar Road,
Rawalpindi.

Subject:

**PROGRAMME FOR REVAMPING OF ALL THQ HOSPITALS IN
PUNJAB ONE AT THQ HOSPITAL KAHUTA DISTRICT
RAWALPINDI (ADP NO.792) (ISSUANCE OF MORTUARY
DRAWINGS / LAYOUT PLAN)**

Enclosed please find herewith a letter, received from the Medical Superintendent THQ Hospital Kahuta, vide No.216/THQ dated 15.01.2022, on the subject cited, wherein, she has stated that the layout plan, submitted by the Executive Engineer Building Division No.2 Rawalpindi vide letter No.106/D dated 06.01.2022, is according to the requirement and scope of work provided by her.

Therefore, it is requested that, the drawings may kindly be prepared according to the layout plan submitted by the Building Department, please.

[Signature]
CHIEF EXECUTIVE OFFICER
DISTRICT HEALTH AUTHORITY
RAWALPINDI

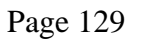
P&D 002 /THQ/ _____;

Copy forwarded for info:

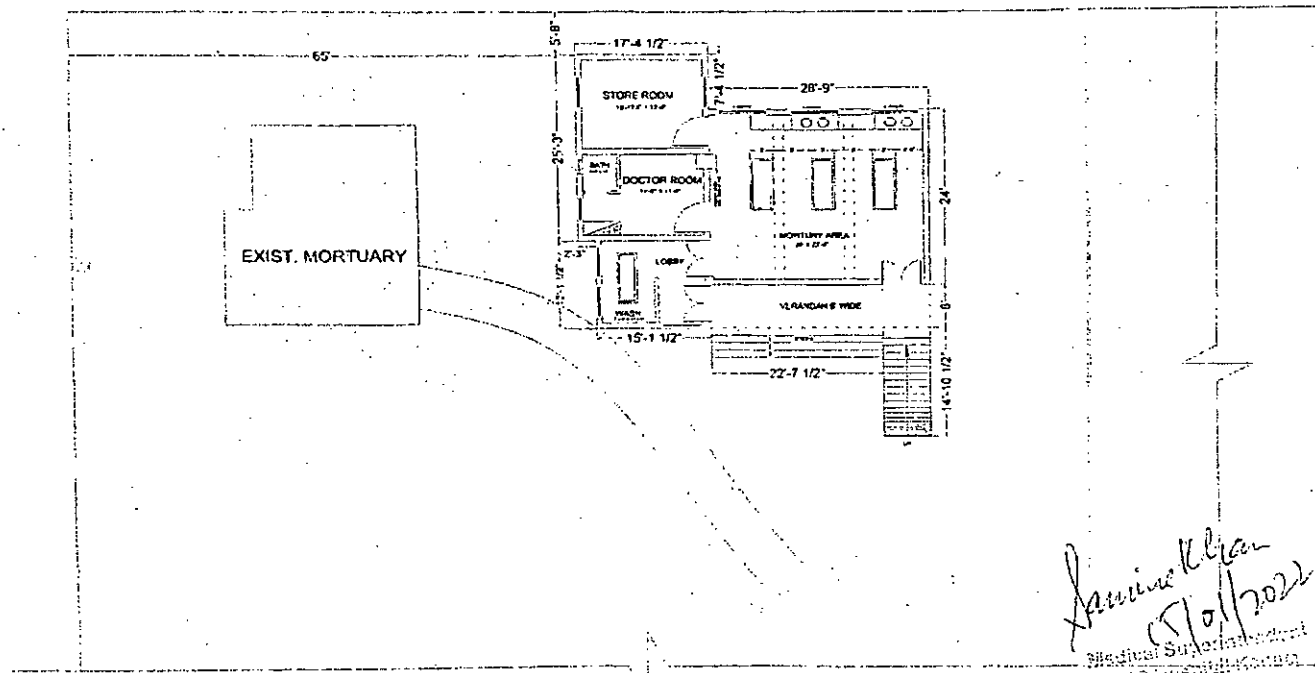
1. The Deputy Commissioner / Administrator DHA, Rawalpindi. (Attention: PS)
2. The Additional Deputy Commissioner (F&P), Rawalpindi.
3. The Deputy Director Development, Rawalpindi.
4. The Executive Engineer Building Division No.2, Rawalpindi.
5. The Medical Superintendent THQ Hospital, Kahuta.
6. The Planning Officer (P-II), Development Wing, P&SHC Department, 15-Birdwood Road, Lahore.

[Signature]
CHIEF EXECUTIVE OFFICER
DISTRICT HEALTH AUTHORITY
RAWALPINDI

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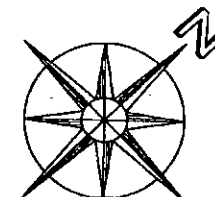
SITE PLAN OF THQ KAHUTA, TEHSIL KAHUTA DISTRICT RAWALPINDI
PART LAYOUT "A"



Sanjiv K. Khan
 25/01/2022
 Medical Superintendent
 THQ Hospital Kahuta

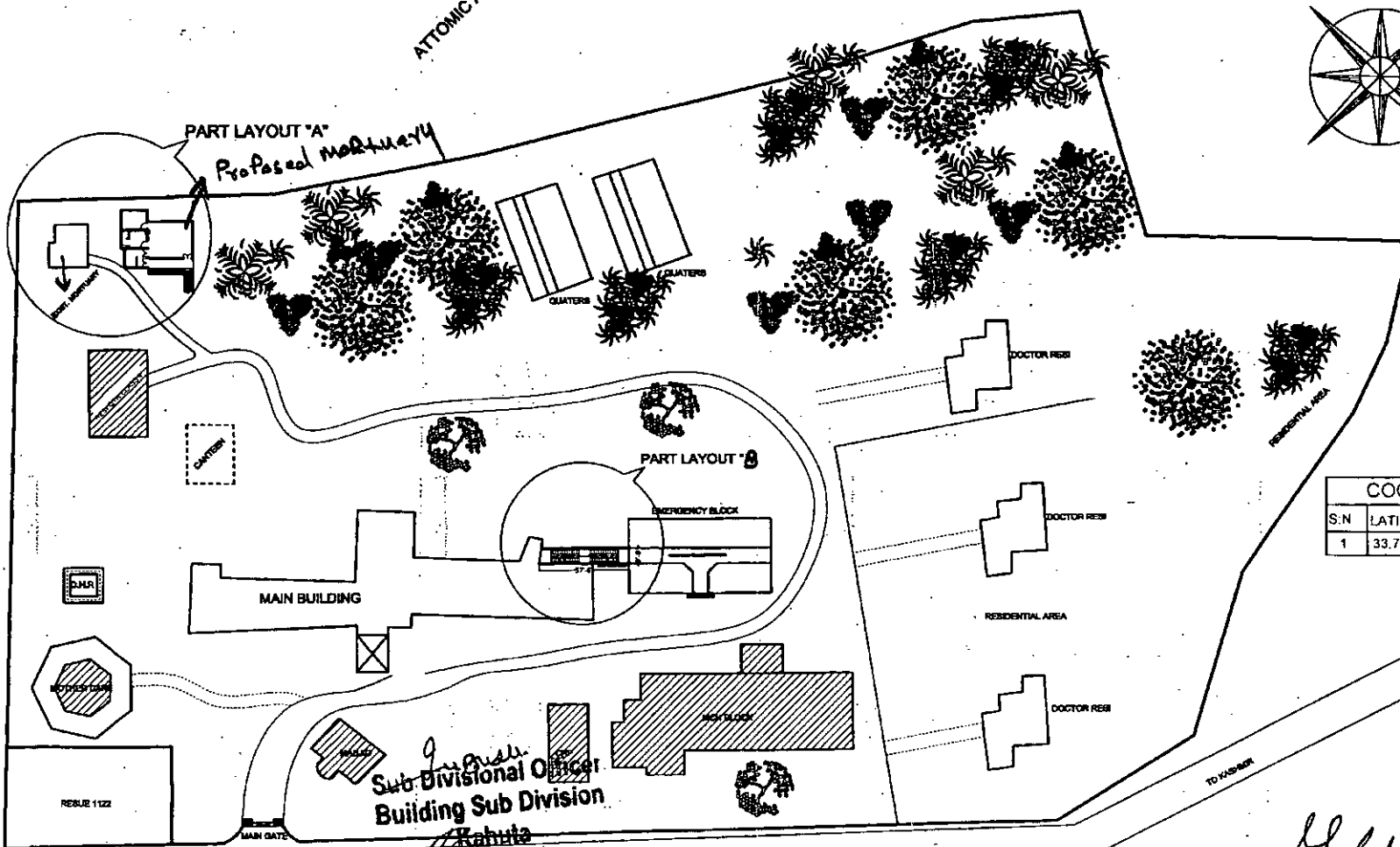
SITE PLAN OF THQ KAHUTA, TEHSIL KAHUTA DISTRICT RAWALPINDI

49



ATOMIC AREA

PART LAYOUT "A"
Proposed mortuary



COORDINATES		
S.N	LATITUDE	LONGITUDE
1	33.737840	72.761893

POLICE STATION KAHUTA

MAIN BUILDING

PART LAYOUT "B"

EMERGENCY BLOCK

DOCTOR RES

DOCTOR RES

RESIDENTIAL AREA

DOCTOR RES

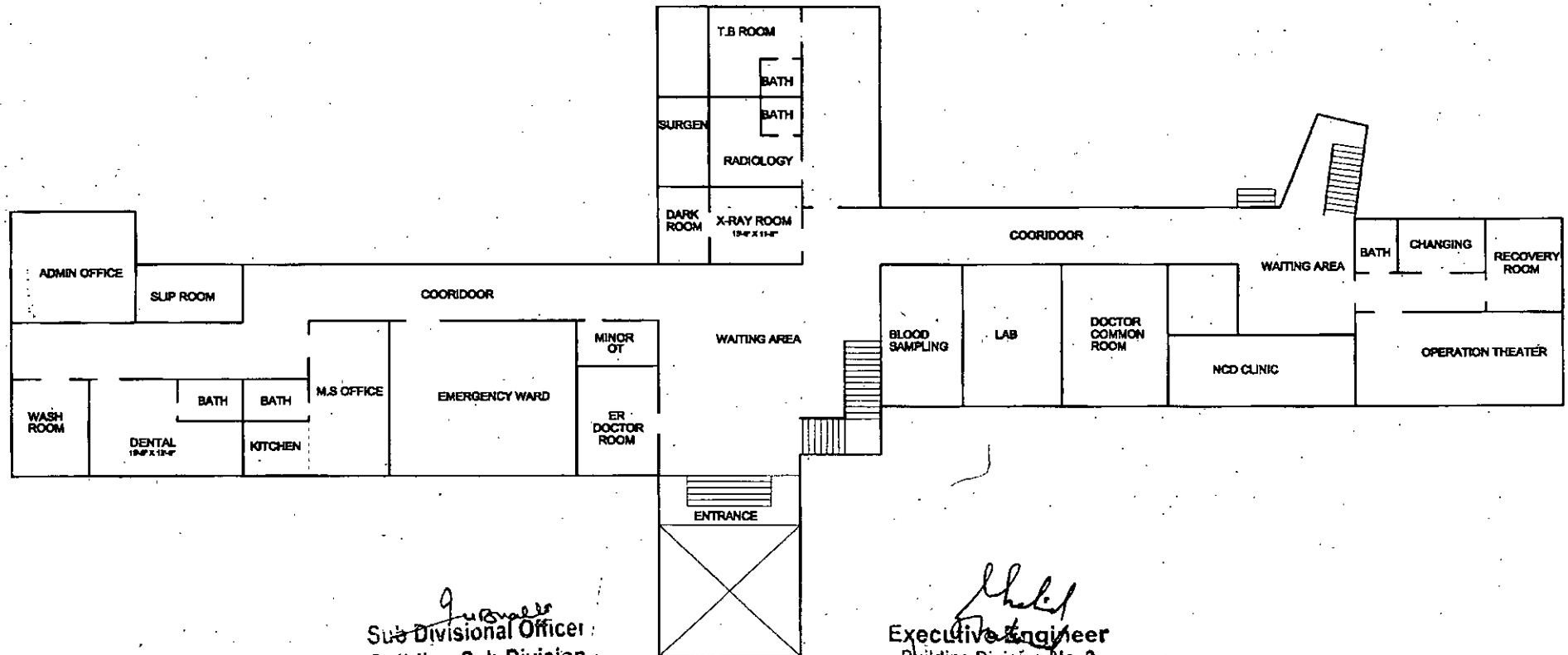
TO KASHMIR

Sub-Divisional Officer
Building Sub Division
Kahuta

Executive Engineer
Building Division No. 2
Rawalpindi

LINE PLAN OF MAIN BUILDING OF THQ KAHUTA, DISTRICT RAWALPINDI

(50)



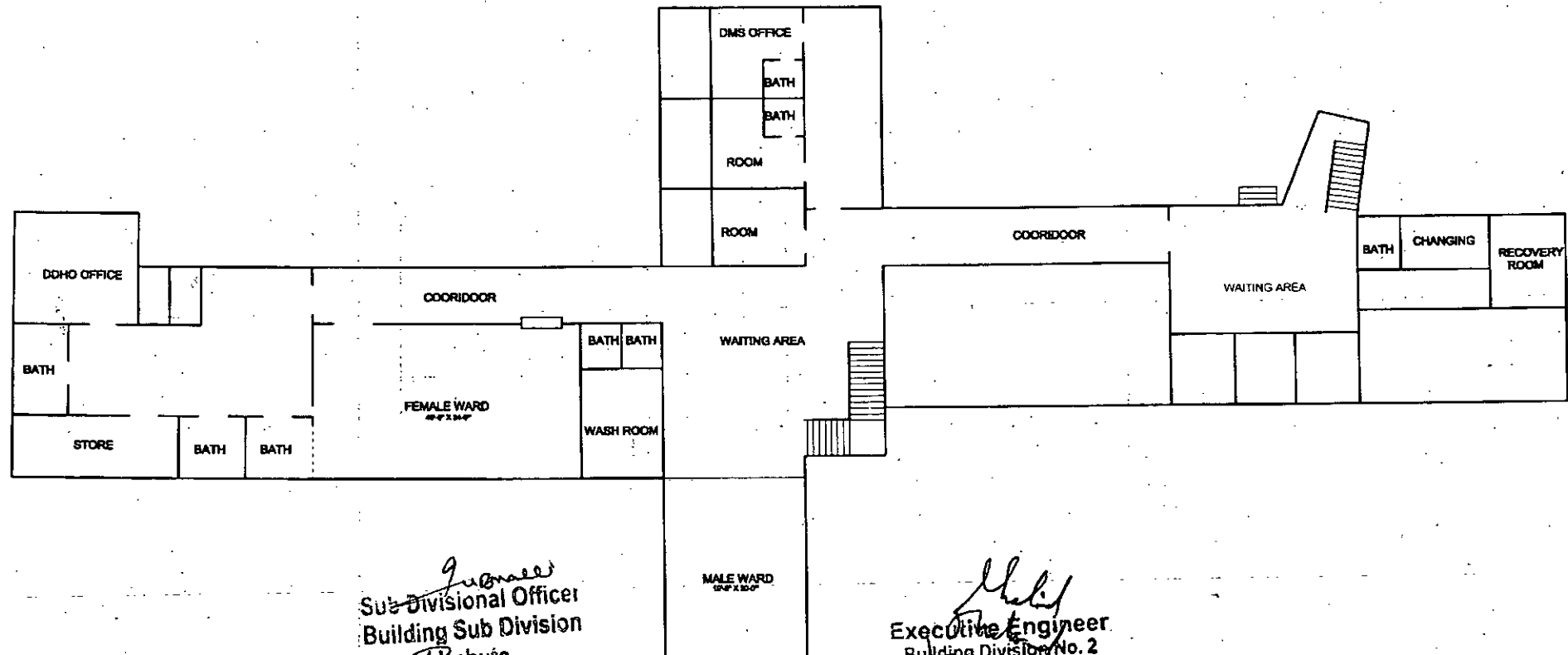
Sub Divisional Officer
Building Sub Division
Kahuta

Executive Engineer
Building Division No. 2
Rawalpindi

GROUND FLOOR PLAN

LINE PLAN OF MAIN BUILDING OF THQ KAHUTA, DISTRICT RAWALPINDI

51



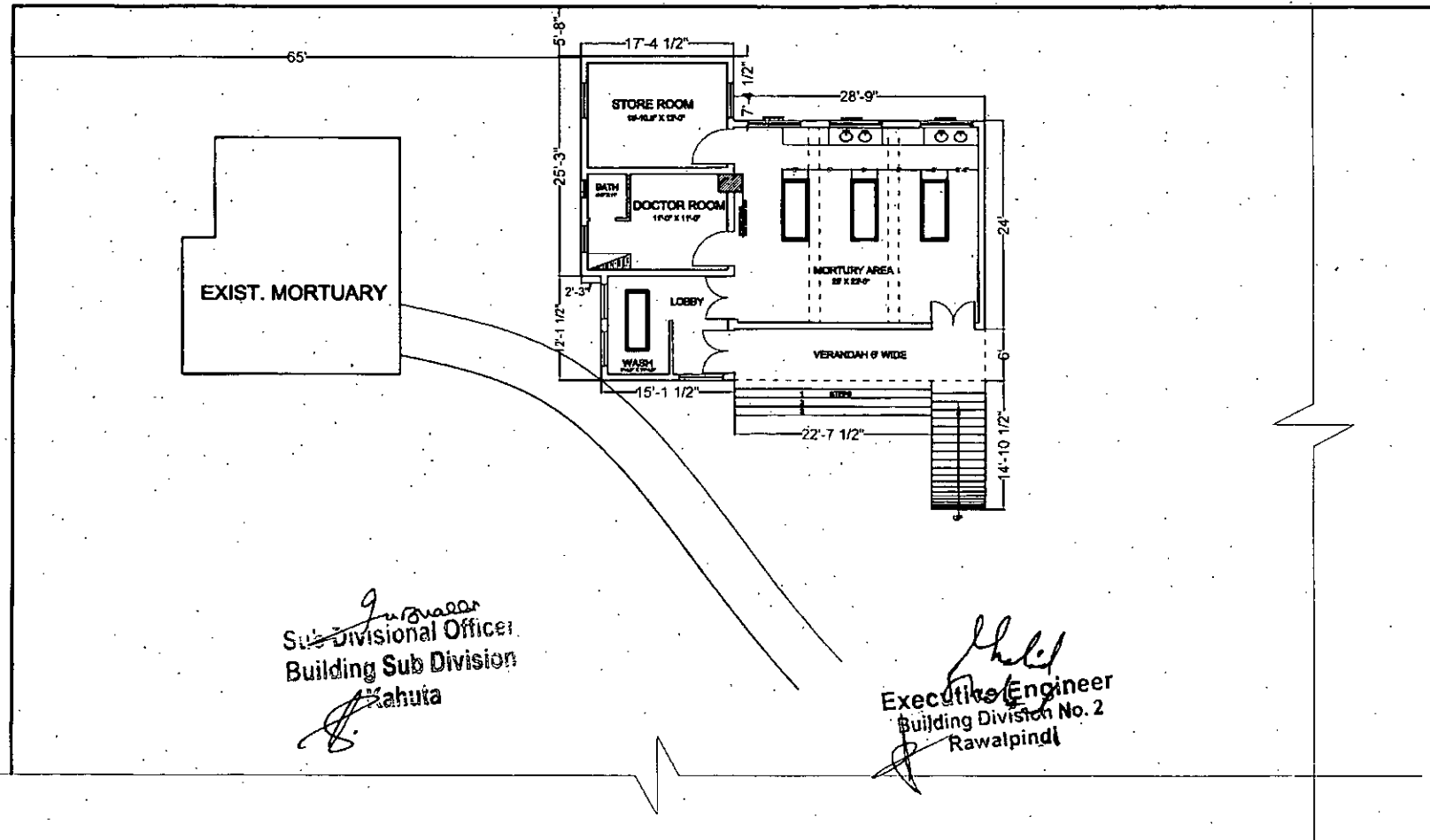
Sub-Divisional Officer
Building Sub Division
Kahuta

Executive Engineer
Building Division No. 2
Rawalpindi

FIRST FLOOR PLAN

SITE PLAN OF THQ KAHUTA, TEHSIL KAHUTA DISTRICT RAWALPINDI **PART LAYOUT "A"**

S2



[Signature]
 Sub Divisional Officer
 Building Sub Division
 Kahuta

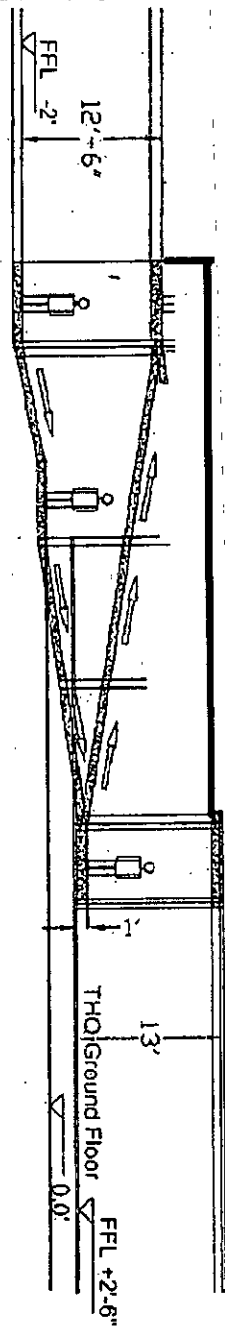
[Signature]
 Executive Engineer
 Building Division No. 2
 Rawalpindi

SITE PLAN OF THQ KAHUTA, TEHSIL KAHUTA DISTRICT RAWALPINDI
PART LAYOUT "B"

53

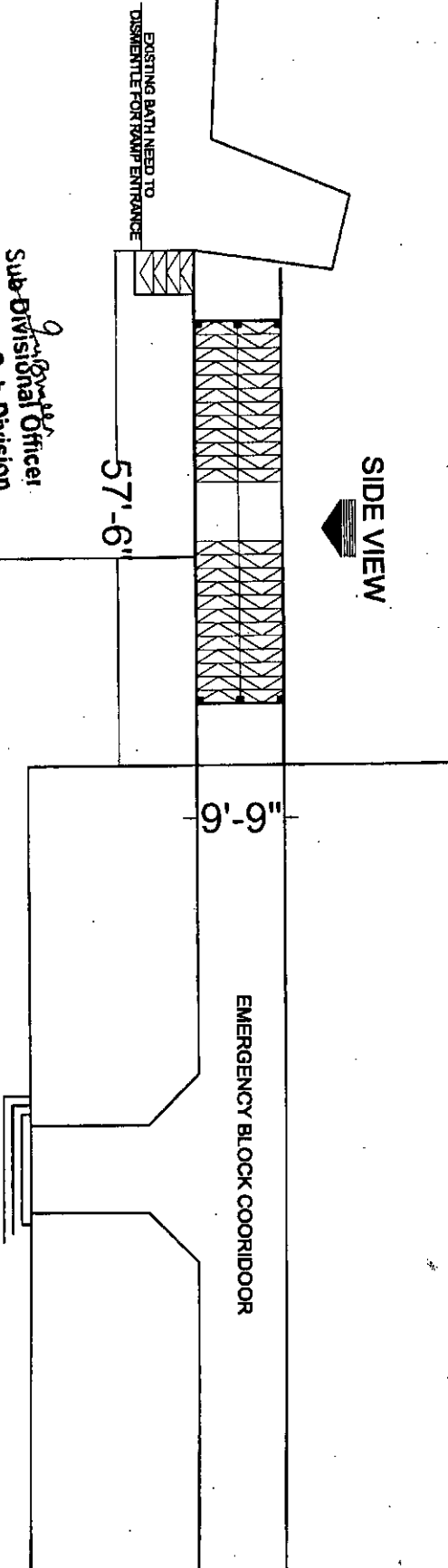
EXIST. EMERGENCY BLOCK

SIDE VIEW



SIDE VIEW

EXISTING EMERGENCY BLOCK



EXISTING BATH NEED TO
DISMANTLE FOR RAMP ENTRANCE

Sub Division Officer
Building Sub Division
Kahuta

Executive Engineer
Building Division No. 2
Rawalpindi



Primary & Secondary
Healthcare Department

GOVERNMENT OF THE PUNJAB
Dated Lahore the 07/11/2021

54

ORDER

No. PO(D-II)1-237/2021: Consequent upon the decision of Departmental Development Sub Committee (DDSC), in its meeting held on 29.09.2021, the Governor of the Punjab is pleased to accord 2nd revised Administrative Approval of 10 sub-schemes under block scheme titled "Programme for Revamping of all THQ Hospitals in Punjab" at cost mentioned against each sub-scheme, with revised gestation period upto 30.06.2023:

Rs. in Millions

Sr. No.	Sub-Scheme Title	2 nd Revised Cost		
		Capital Component	Revenue Component	Total
1	Revamping of THQ Hospital, Kahuta District Rawalpindi	37.709	199.102	236.811
2	Revamping of THQ Hospital, Gujar Khan District Rawalpindi	37.256	174.999	212.255
3	Revamping of THQ Hospital, Taxila District Rawalpindi	41.278	203.228	244.506
4	Revamping of THQ Hospital, Mian Meer Lahore Cantt. District Lahore	44.697	192.796	237.493
5	Revamping of THQ Hospital, Govt. Civil Hospital Multan	67.143	200.403	267.546
6	Revamping of THQ Hospital, Khanpur District Rahim Yar Khan	154.238	208.777	363.015
7	Revamping of THQ Hospital, Liaquatpur District Rahim Yar Khan	44.187	192.016	236.203
8	Revamping of THQ Hospital, Sadiqabad District Rahim Yar Khan	42.007	218.902	260.909
9	Revamping of THQ Hospital Sarai Alamgir District Gujrat	14.875	195.653	210.528
10	Revamping of Civil Hospital Fort Munro District D G Khan	48.097	218.014	266.111

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

Capital Component

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

Revenue Component

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

(IMRAN SIKANDAR BALOCH)
SECRETARY P&SH DEPARTMENT

Page 1 of 2

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NO. & DATE EVEN:

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

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


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

Page 2 of 2

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(56)

ROUGH COST ESTIMATE FOR THE WORK OF REVAMPING OF T.H.Q HOSPITAL KAHUTA DISTRICT RAWALPINDI

ABSTRACT OF COST

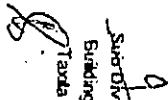
Description	Plinth Area/ Qty	Unit	Plinth Area Rates										Amount	Remarks
			Building Portion						E.I	S.I	S.G	Total Rate		
			Building Portion	Extra for Strip Foundation	Extra for Base-ment:	Reduced Cost of Founda-tion	Extra For 1st Floor and Subsequent Floors	Extra For Framed Structure For Each Floors						
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Construction of P.C.C Road	1	P.Job	--	--	--	--	--	--	--	--	--	2603500	2603500	Detailed attached.
External Finishing of Building	1	P.Job	--	--	--	--	--	--	--	--	--	1422000	1422000	Detailed attached.
Renovation Of Dental Department	1	P.Job	--	--	--	--	--	--	--	--	--	334196	334196	Detailed attached.
Paint Work in THQ Building	1	P.Job	--	--	--	--	--	--	--	--	--	500000	500000	
Renovation Of X-Ray Room Radiology	1	P.Job	--	--	--	--	--	--	--	--	--	335938	335938	Detailed attached.
Replacement Of Washrooms Internal Sewerage Line	1	P.Job	--	--	--	--	--	--	--	--	--	1442920	1442920	Detailed attached.
Rehabilitation of MCH Centre Washrooms	1	P.Job	--	--	--	--	--	--	--	--	--	431416	431416	Detailed attached.
Protection Work MCH Centre	1	P.Job	--	--	--	--	--	--	--	--	--	760995	760995	Detailed attached.
Construction of Ramp	976	Sft	2394	370	--	--	244	562	92	--	--	3662	3581436	
Replacement Of Wooden Doors With Aluminium Door	1	P.Job	--	--	--	--	--	--	--	--	--	310302	310302	Detailed attached.
Provision of Tube Well	1	P.Job	--	--	--	--	--	--	--	--	--	2323458	2323458	Detailed attached.
Construction of Chamber Room	168	Sft	2394	370	--	--	--	562	68	--	--	3394	570192	

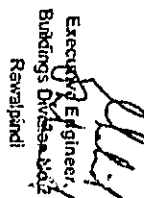
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Description	Plinth Area/ Qty	Unit	Plinth Area Rates							E.I	S.I	S.G	Total Rate	Amount	Remarks
			Building Portion												
			Building Portion	Extra for Strip Foundation	Extra for Basement	Reduced Cost of Foundation	Extra For 1st Floor and Subsequent Floors	Extra For Framed Structure For Each Floor							
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Replacement/Laying of Main Sewerage line	1	PJob	--	--	--	--	--	--	--	--	--	450400	450400	Detailed attached.	
Rehabilitation of Central Registration Centre	1	PJob	--	--	--	--	--	--	--	--	--	719902	719902	Detailed attached.	
Rehabilitation of Mortuary	1321	Sft	2394	370	--	--	--	562	68	--	--	3394	4483474		
Provision of LED Street Lights on Main Road	18	Each	--	--	--	--	--	--	--	--	--	82000	1476000	Detailed attached.	
Up-Gravation of Waiting Area	1	Job	--	--	--	--	--	--	--	--	--	833442	833442	Detailed attached.	
Replacement Of Main Door Glass	1	Job	--	--	--	--	--	--	--	--	--	104747	104747	Detailed attached.	
Wall Panelling and ceiling work of 4 Main OPD	1	Job	--	--	--	--	--	--	--	--	--	1012358	1012358	Detailed attached	
Extension of Operation theatre	1	Job	--	--	--	--	--	--	--	--	--	600000	600000		
Construction of Boundary Wall 9" thick & 8' height	380	P.Rft	5567	--	--	--	--	--	--	--	--	5567	2115460	Detailed attached.	
Renovation Of Admin Room # 2	1	Job	--	--	--	--	--	--	--	--	--	427269	427269	Detailed attached.	
Renovation Of Male and Female Ward	1	Job	--	--	--	--	--	--	--	--	--	2002208	2002208	Detailed attached.	
Additional Items	1	Job	--	--	--	--	--	--	--	--	--	2351917	2351917	Detailed attached	
Extra for provision of fire alarm system and Fire fighting system along with all accessories i/c pumps as required complete in all respect.	11550	Sft										15	173250		
Extra for provision of wiring of Heavy equipment of Hospital complete in all respect with out networking and computers etc.	11550	Sft	--	--	--	--	--	--	--	--	--	30	346500	Detailed attached	

Health Department, 11 Revamping Revamping

Description	Perch Area/ City	Unit	Building Portion											E.I	S.I	S.G	Total Rate	Amount	Remarks
			Building Portion	Extra for Sub Foundation	Extra for Base-ment	Reduced Cost of Foundation	Extra for 1st Floor and Subsequent Floors	Extra For Framed Structure For Each Floor											
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16					
Total														3171379					
Add 10% External Development														863510					
Total														3257679					
Add 3% Contingency														977304					
Total														3355492					
Add 1% for tree plantation charges														325768					
Add 5% PRA charges														1628839					
Add Waqda charges for Upgradation														1200000					
Add Internal Sui Gas Charges														1000000					
Grand Total:														377709					
Rupee Million:														377.09					


 Sub-Divisional Officer,
 Buildings Sub Division
 Taxda at Rawalpindi


 Executive Engineer,
 Buildings Division
 Rawalpindi

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Primary & Secondary
Healthcare Department

GOVERNMENT OF THE PUNJAB
Dated Lahore the _____, 2022

ORDER

No. PO(D-II) Revamping/P-I/21: In supersession of this Department's order of even number, as per instructions issued by Planning & Development Board vide letter No.7(78)/PO(PB)/P&D/2021, dated 17.12.2021, the Governor of the Punjab is pleased to accord amended Administrative Approval of 04 sub- schemes under block scheme titled "Programme for Revamping of all THQ Hospitals in Punjab" GS No. 792 of ADP 2021-22 at a cost mentioned against each scheme, with already approved scope and gestation period upto 30-06-2023:

(Rs. in million)

Sr. No.	Hospital	Capital Component	Revenue Component	Total Cost
1.	Revamping of THQ Hospital Ahmedpur Sial District Jhang	36.785	191.004	227.789
2.	Revamping of THQ Hospital Kharian District Gujrat	16.992	202.032	219.024
3.	Revamping of THQ Hospital Thal (Nawaz Sharif Hospital) District Layyah	61.172	216.699	277.871
4.	Revamping of THQ Hospital Chak Jhumra District Faisalabad	48.733	195.857	244.590
5.	Revamping of THQ Hospital Jaranwala District Faisalabad	45.956	227.555	273.511
6.	Revamping of THQ Hospital Kahuta District Rawalpindi	42.575	199.102	241.677

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

Capital Component

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

Revenue Component

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

(IMRAN SIKANDAR BALOCH)
SECRETARY P&SH DEPARTMENT

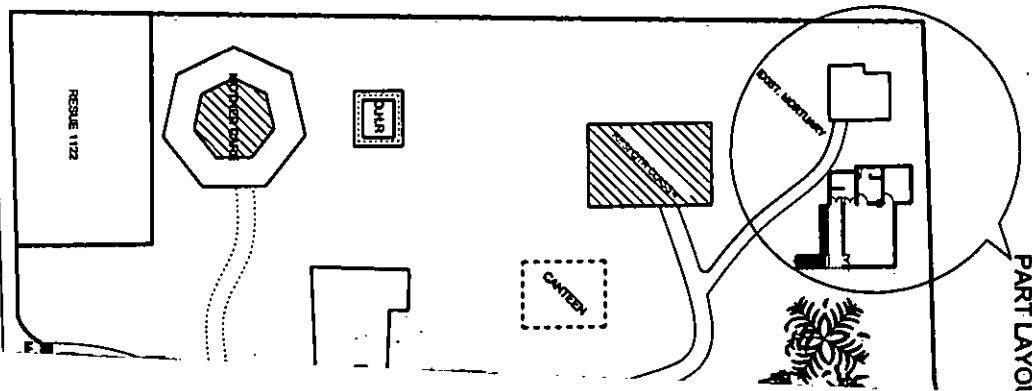
NO. & DATE EVEN:

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

1. Accountant General, Punjab, Lahore.
2. Chief (Health-II), Planning & Development Department, Lahore.
3. Director General Health Services, Punjab, Lahore.
4. Chief Engineer (North, Central, South Zones), Buildings Department, Lahore.
5. Project Director, Project Management Unit, P&SH Department.
6. District Accounts Officer, Concerned District
7. Chief Executive Officer, District Health Authority, Concerned District
8. Section Officer (Health-I), Finance Department.
9. Budget Officer-I & III, Finance Department.

TO BAWALPURI

POLICE STATION KAHUTA



SITE PL



Tel No. 051-9271916
Fax No. 051-9271987
Email: xenbuilding2rwp@gmail.com

OFFICE OF EXECUTIVE ENGINEER
BUILDING DIVISION NO.2
RAWALPINDI

42

To

M/S Sardar Dawood Builders,
Government Contractor,
House No. A-320, Jinnah Road,
Rawalpindi.

No. 2086 /C, Dated. 22/4/2022.

Subject:

REVAMPING OF ALL THO HOSPITALS IN PUNJAB REVAMPING
OF THO HOSPITAL KAHUTA DISTRICT RAWALPINDI
(A.D.P NO. 792, FOR 2021-22)

Tender Amount: -

Rs: 4,09,42,300/-

(Rupees Four Crore, Nine Lac, Forty
Two Thousand & Nine Hundred only).

Time Limit:

13 Months (Eighteen Months)

Earnest Money

Rs: 2%

Reference: Your tender dated 31.03.2022.

In pursuance of the approval contained vide Superintending Engineer Building Circle No.1 Rawalpindi No.1148/G, dated 08.04.2022 the lowest rates offered by you for the work cited as subject is hereby accepted for execution within the time limit of 18(Twelve) months. To be reckoned from date of issue of this letter subject to strict financial regularities and observance of all usual codal formalities. The estimate have been technically sanctioned vide Superintending Engineer Building Circle No.1 Rawalpindi vide No.562/D, dated 03.02.2022 for Rs.43.398 Million.

Sr. No.	Description of items	Qty	Unit	Rate
A	Standardized Items			
	All rates for standardized items as per input rates of material / labour /equipment notified by Finance Department for the month of MRS 1 st B.I Annual 2022 for the period (1 st Jan, 2022 to 30 th June 2022) for District Rawalpindi.			All Scheduled Items 4.5% Above T/S Estimate.
B	Non-Standardized Items			All Non Scheduled Items 4.5% Above T/S Estimate.
1	P/L of UPVC wall paneling 10" wide of approved design & shade with gola (where necessary) i/c necessary fitting, carriage from market to site of work and labour charge complete in all respect as approved / directed by the Engineer Incharge.	5870.00	P.Sft	@ Rs. 125.40 (Rupees One Hundred, Twenty Five & Paise Forty Only)

96

11 P

41

1	P/F False ceiling (DAMPA) sheet 2'x2' imported fixed with Aluminum frame (TEE & L) langed with 10 No wire with RCC roof slab i/c cost of Hook & Scaffolding, carriage charges complete in all respect & as approved by the Engineer Incharge.	4191	P.SR	@ Rs. 365.75 (Rupees Three Hundred, Sixty Five & Paisa Seventy Five Only)
2	Providing and fixing SMD CEILING LIGHTS 18Watt in all respects as approved by the Engineer	44	Each	@ Rs. 1881.00 (Rupees One Thousand, Eight Hundred & Eighty One Only)
4	Providing and Erection of Red LED 12 watt light in Front of Radiology room with operating button etc complete in all respect & as approved by the Engineer Incharge.	1	Each	@ Rs. 5225.00 (Rupees Five Thousand, Two Hundred & Twenty Five Only)
5	S.E of LED bulb 18 Watt complete in all respect & as approved by the Engineer Incharge	26	Each	@ Rs. 365.75 (Rupees Three Hundred, Sixty Five & Paisa Seventy Five Only)
6	P.L Iron Jali 1/16" gauge having mesh size upto 1-1/2" x 1-1/2" complete in all respect & as approved by the Engineer Incharge	7058	P.SR	@ Rs. 52.25 (Rupees Fifty Two & Paisa Twenty Five Only)
7	Electric resistivity survey complete in all respect & as approved by the Engineer Incharge.	1	P.Job	@ Rs. 31350.00 (Rupees Thirty One Thousand, Three Hundred & Fifty Only)
8	Providing, laying, testing and commissioning of Grade-B,MS Seamless Schedule pipe of nominal diameter, conforming to ASTM-106 made (Jamal Pipes/ Hafaz Pipes/ Crescent Pipes) duly welded i/c the cost of specials complete as approved and directed by the Engineer Incharge. 1-1/4"	400	P.Rft	@ Rs. 88.83 (Rupees Eighty Eight & Paisa Eighty Three Only)
9	P/F KSB Submersible pump & Motor with Complete set Head =330 ft Flow = 1000 GPH Setting=300 ft Model: BPDS 4/5-21+ 3 HP (2900 rpm) Scope of Supply: KSB Submersible Pump & Motor + HDP Pipe +Pipe Nipple + Steel rope with clamp + Water proof electric cable +Non Return Valve + Bore casing cover plate + Motor Control (with all safety devices) i/c Transportation & Installation Complete in all respect & as approved by the Engineer Incharge.	1	Each	@ Rs. 423538.50 (Rupees Four Lac. Twenty Three Thousand, Five Hundred, Thirty Eight & Paisa Fifty Only)
10	P/F Stainless Steel bench 3 seater china made best quality i/c carriage charges complete in all respect & as approved by the Engineer Incharge	15	Each	@ Rs. 28215.00 (Rupees Twenty Eight Thousand, Two Hundred & Fifteen Only)
11	P/F of RCC bench 5' long, i/c mosaic finishing top complete in all respect & as approved by the Engineer Incharge.	20	Each	@ Rs. 18810.00 (Rupees Eighteen Thousand, Eight Hundred & Ten Only)

Cr

... and provision of Bank 1111
... light & driver to W
... after sun or equivalent
... in false ceiling and electric
... in all respects as approved by
... exchange

... and fixing Vandy comprising
... thick pre polished granite
... in white cement approved
... in all respect & as
... by the Engineer Incharge.
... gate valve & fitting carriage
... as approved by
... exchange

... 2HP Single Phase (Atom
... Pump Head Approx. Complete
... as approved by the
... exchange.

... & Installation of Fire Detection &
... System i.e. cost of consisting of
... panel 2 zone, detection optical
... conventional 18 No. Fire sounder
... conventional 2 No & manual
... conventional 2 No all items made
... complete installation, testing
... material included charges
... in all respect & as approved by
... (as per quotation)

18	1 inch	Rs 9027 40 (Rupees Nine Thousand, Nine Hundred, Twenty seven & Paise Fifty Only)
2	1 inch	Rs 19172 30 (Rupees Nineteen Thousand Three Hundred, Thirty two & Paise Fifty Only)
1	1 inch	Rs 26125 00 (Rupees Twenty six Thousand, One Hundred & Twenty five Only)
1	1 inch	Rs 18486 63 (Rupees One lakh, Eighty four Thousand, Eight Hundred, Eighty Six & Paise Sixty Three Only)
1	P Job	Rs 568192 63 (Rupees Five lakh, Sixty eight Thousand, One Hundred, Twenty Two & Paise Sixty Three Only)

Please contact the Sub Divisional Officer, Sub Division Kahuta and
immediately after getting the instructions from him, your time limit will be reckoned
the date of issue of this letter.
For any typographical mistake, original to be referred.
Your agreement is ready. Please attend to any working day for signing

As per Additional Condition of contract...
within 15 days from the date of receipt...
... after approval of rate
... 1 Rawalpindi
... from the Superintending Engineer Building

No. 2687 K. Dated 28/11/2022.
Copy is forwarded to the Superintending Engineer Building City No. 1
27/11/2022 with reference to his letter No. 1148/O. dated 04.04.2022.

Executive Engineer
Building Division No. 2 Rawalpindi
Page

No. 2088 /C. Dated. 08/11 /2022.

Copy is forwarded to the Sub Divisional Officer, Buildings Sub Division, Kahuta. He should get the work executed in accordance with specification after observing all codal formalities. Quantities as provided in T.S estimate should not be exceeded. The work will be completed as per approved scope. ACDR No. 1696786 dated 30.03.2022 of MCB Limited Aabpara Market Islamabad amounting to Rs. 8,52,000/- on account of earnest money duly endorsed is enclosed herewith for getting the same cleared from the Bank.

This Approval is subject to the following conditions:

Note:

1. While issuing the letter of approval of tender to the contractor, all standardized items contained in the approved D.N.I.T be made a part of it with contractor approved rates / premium.
2. There will be no excess over the quantities as provided in the technically sanctioned estimate.
3. The work is to be executed strictly in accordance with the standard specification for Building's construction, working drawings and to the entire satisfaction of Engineer Incharge.
4. Any item of work not mentioned in bid schedule it got executed from contractor shall be paid as per rates approved by the competent authority and the market rate prevailing at the time of technically sanctioned estimate shall form the basis for such approval.
5. Whole time qualified Engineer for full time supervision of work at the scale given in the clause 18 from the date of commencement of the work till its completion will be employed under intimation to this office.
6. The work is completed strictly according to scope of technically sanctioned estimate; the quantities exhibited in bid schedule/T.S estimate are not to be exceeded under any circumstances unless revised approval is arranged from the competent authority.
7. Work will be executed strictly according to the scope and provisions of technically sanctioned estimate. Items of work executed in violation, of the location scope, specification, quantities and rates will not be entered nor paid by the field formation.
8. The quantities mentioned in the letter will not be increased / decreased without approval of the competent authority.
9. There is no omission or ambiguity in the terms and conditions which are as per approved DNIT. In case of any error the approved DNIT will be final.
10. When a discrepancy exist in the any item or its rate in the T.S estimate and approval of tender, the item and rate as provided in MRS will be followed.
11. In case of any mistake / omission / deficiency in the description of items along with relevant specification, the description of item and specification displayed on website, Govt of the Punjab, shall be applicable for standardized items and for non-standardized items, original detailed estimate is to be referred.
12. The foundation / structural of P&D Directorate of Building Department may be followed.
13. The rates of Non-Standardized item should be approved before execution of item of work as per approved estimate/T.S estimate and the payment of Non-Standardized item should not be without approval of rates by the Competent Authority.
14. The provision of 5% PRA Tax includes in the approved DNIT as such is being added in the proposed agreement amount. However the payment of 5% PRA Tax should be made as per mode of payment as clarified by the FBR.

DAD Nos DAC for Rs.8,52,000/-

No. 2089-90 /C. Dated. 08/09 /2022

Copy is forwarded to:-

1. The Divisional Accounts Officer, (Local). You are directed to follow the terms & condition of Contract Agreement/ H.D.
2. For agreement.

Executive Engineer
Building Division No.2 Rawalpindi.

Executive Engineer
Building Division No.2 Rawalpindi.

Ph: 051-9278287,
Fax: 051-9278242



**SUPERINTENDING ENGINEER
BUILDINGS CIRCLE NO. 1
RAWALPINDI**

e.mail: sepbcrwp@gmail.com

To

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

No. 290 /D

Dated 19/1 /2022

Subject:

**AMENDED ROUGH COST ESTIMATE FOR THE WORK "PROGRAMME
FOR REVAMPING OF ALL THQ HOSPITAL IN PUNJAB ONE AT
KAHUTA, DISTRICT RAWALPINDI."**
(A.D.P NO. 792, FOR 2021-22)

The scheme cited as subject was administratively approved for Rs. 37.709 M vide Government of the Punjab Primary & Secondary Healthcare Department Lahore No. PD(D-II)1-237/2021, dated 07-11-2021 & funds were not received.

Meanwhile the plinth area rates have been revised vide Chief Engineer Punjab Buildings Department (North Zone) 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 2020) for District Rawalpindi.

Hence this amended rough cost estimate amounting to Rs. 42.575 M framed by the Executive Engineer Buildings Division No. 2 Rawalpindi, is forwarded herewith dully vetted for arranging its amended administrative approval/funds please

DA/Amended Rough cost estimate.
In Duplicate.

Superintending Engineer
Building Circle No. 1
Rawalpindi
19/1/2022

No. _____ / dated. _____ /2022

Copy is forwarded to the Executive Engineer, Building Division No. 2 Rawalpindi with reference to his letter No. 323/D, dated 19-01-2022, for pursuance at personal level.

DA/Nil

Superintending Engineer
Building Circle No. 1
Rawalpindi

ENDED ROUGH COST ESTIMATE FOR THE WORK OF REVAMPING OF T.H.Q HOSPITAL KAHUTA DISTRICT RAWALPINDI

ABSTRACT OF COST

Description	Plinth Area/ Qty	Unit	Plinth Area Rates										Amount	Remarks
			Building Portion						E.I	S.I	S.G	Total Rate		
			Building Portion	Extra for Strip Foundation	Extra for Base-ment:	Reduced Cost of Found-ation	Extra For 1st Floor and Subsequent Floors	Extra For Framed Structure For Each Floors						
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Construction of P.C.C Road	1	P.Job	--	--	--	--	--	--	--	--	--	2916400	2916400	Detailed attached.
Internal Finishing of Building	1	P.Job	--	--	--	--	--	--	--	--	--	1105605	1105605	Detailed attached.
Renovation Of Dental Department	1	P.Job	--	--	--	--	--	--	--	--	--	332382	332382	Detailed attached.
Paint Work In THQ Building	1	P.Job	--	--	--	--	--	--	--	--	--	620000	620000	
Renovation Of X-Ray Room Radiology	1	P.Job	--	--	--	--	--	--	--	--	--	327890	327890	Detailed attached.
Replacement Of Washrooms Internal Drainage Line	1	P.Job	--	--	--	--	--	--	--	--	--	1632238	1632238	Detailed attached.
Rehabilitation of MCH Centre Washrooms	1	P.Job	--	--	--	--	--	--	--	--	--	504335	504335	Detailed attached.
Roof Protection Work MCH Centre	1	P.Job	--	--	--	--	--	--	--	--	--	744028	744028	Detailed attached.
Construction of Ramp	978	Sft	2903	452	--	--	274	676	89	--	--	4394	4297332	
Replacement Of Wooden Doors With Aluminium Door	1	P.Job	--	--	--	--	--	--	--	--	--	321869	321869	Detailed attached.
Provision of Tube Well	1	P.Job	--	--	--	--	--	--	--	--	--	2493300	2493300	Detailed attached.
Construction of Chamber Room	168	Sft	2903	452	--	--	--	676	89	--	--	4120	692160	

Description	Plinth Area/ Qty	Unit	Building Portion						Plinth Area Rates				Amount	Remarks
			Building Portion	Extra for Strip Foundation	Extra for Base-ment:	Reduced Cost of Found-ation	Extra For 1st Floor and Subsequent Floors	Extra For Framed Structure For Each Floors	E.I	S.I	S.G	Total Rate		
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
lacement/Laying of Mian Sewerage line	1	P.Job	--	--	--	--	--	--	--	--	--	523500	523500	Detailed attached.
abilitation of Central Registration Centre	1	P.Job	--	--	--	--	--	--	--	--	--	914510	914510	Detailed attached.
abilitation of Motuary 155Sft + additional area 75sft=1560sft	1560	Sft	2887	--	--	--	--	676	121	--	--	3684	5747040	
vision of LED Street Lights on Main Road	18	Each	--	--	--	--	--	--	--	--	--	101621	1829178	Detailed attached.
-Gradation of Waiting Area	1	Job	--	--	--	--	--	--	--	--	--	852158	852158	Detailed attached.
lacement Of Main Door Glass	1	Job	--	--	--	--	--	--	--	--	--	90184	90184	Detailed attached.
ill Panelling and ceiling work of 4 Main D	1	Job	--	--	--	--	--	--	--	--	--	925050	925050	Detailed attached.
tension of Operation theatre	1	Job	--	--	--	--	--	--	--	--	--	600000	600000	
nstruction of Boundary Wall 9" thick & 8' ight	380	P.Rft	6077	--	--	--	--	--	--	--	--	6077	2309260	Detailed attached.
novation Of Admin Room # 2	1	Job	--	--	--	--	--	--	--	--	--	474344	474344	Detailed attached.
novation Of Male and Female Ward	1	Job	--	--	--	--	--	--	--	--	--	2113425	2113425	Detailed attached.
dditional Items	1	Job	--	--	--	--	--	--	--	--	--	2691000	2691000	Detailed attached.
extra for provision of fire alarm system and ire fighting system along with all ccessories i/c pumps as required complete in ll respect.	11550	Sft										20	231000	
extra for provision of wiring of Heavy quipment of Hospital complete in all respect vith out networking and computers etc.	11550	Sft	--	--	--	--	--	--	--	--	--	35	404250	Detailed attached.

1. The first part of the document is a list of the names of the persons who were present at the meeting.

2. The second part of the document is a list of the names of the persons who were absent from the meeting.

AMENDED ROUGH COST ESTIMATE FOR THE WORK OF REVAMPING OF T.H.Q HOSPITAL KAHUTA DISTRICT RAWALPINDI

COMPARATIVE STATEMENT

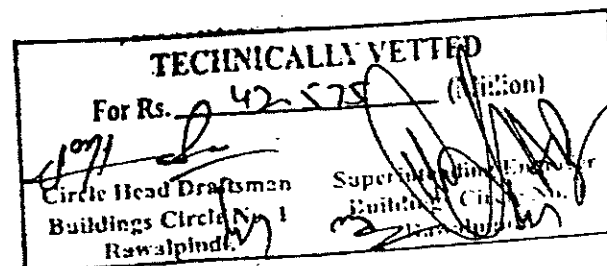
Description	As Per Approved Rough Cost Estimate				As Per Ammended Rough Cost Estimate				Difference		Remarks (Building Department)
	Plinth area	Unit	Rate	Amount	Plinth area	Unit	Rate	Amount	Excess	Saving	
Hospital Building Portion											
Construction of P.C.C Road	1	Job	2603500	2603500	1	Job	2916400	2916400	312900		Due to Excess rate of MRS
External Finishing of Building	1	Job	1422000	1422000	1	Job	1105605	1105605		316395	Due to Excess rate of MRS
Renovation Of Dental Department	1	Job	334196	334196	1	Job	332382	332382		1814	As per site requirement
Paint Work In THQ Building	1	Job	500000	500000	1	Job	620000	620000	120000		Excess due to MRS 2022
Renovation Of X-Ray Room Radiology	1	Job	335938	335938	1	Job	327890	327890		8048	As per site requirement
Replacement Of Washrooms Internal Sewerage Line	1	Job	1442920	1442920	1	Job	1632238	1632238	189318		Due to Excess rate MRS
Rehabilitation of MCH Centre Washrooms	1	Job	431416	431416	1	Job	504335	504335	72919		— do —
Roof Protection Work MCH Centre	1	Job	760995	760995	1	Job	744028	744028		16967	As per site requirement
Construction of Ramp	978	Sft	3662	3581436	978	Sft	4394	4297332	715896		Excess due to MRS 2022
Replacement Of Wooden Doors	1	Job	310302	310302	1	Job	321869	321869	11567		— do —
Provision of Tube Well	1	Job	2323458	2323458	1	Job	2493300	2493300	169842		— do —
Construction of Chamber Room	168	sft	3394	570192	168	sft	4120	692160	121968		— do —
Replacement/Laying of Mian Sewerage Line	1	Job	450400	450400	1	Job	523500	523500	73100		— do —
Rehabilitation of Central Registration Centre	1	Job	719902	719902	1	Job	914510	914510	194608		— do —
Rehabilitation of Motuary	1321	sft	3394	4483474	1560	sft	3684	5747040	1263566		— do —
Provision of LED Street Lights on Main Road	18	each	82000	1476000	18	each	101621	1829178	353178		— do —
Up-Gratation of Waiting Area	1	Job	833442	833442	1	Job	852158	852158	18716		— do —
Replacement Of Main Door Glass	1	Job	104747	104747	1	Job	90184	90184		14563	As per site requirement
Wall Panelling and ceiling work of 4 Main OPD	1	Job	1012358	1012358	1	Job	925050	925050		87308	— do —
Extension of Operation theater	1	Job	600000	600000	1	Job	600000	600000			
Construction of Boundary Wall 9" thick & 9' height	380	Rft	5567	2115460	380	Rft	6077	2309260	193800		Excess due to MRS 2022

Renovation Of Admin Room # 2	1	Job	427269	427269	1	Job	474344	474344	47075	Est > due to MRS 2022
Renovation Of Male and Female Ward	1	Job	2002208	2002208	1	Job	2113425	2113425	111217	- do -
Additional Items	1	Job	2351917	2351917	1	Job	2691000	2691000	339083	- do -
Extra for provision of fire alarm system and Fire fighting system along with all accessories i/c pumps as required complete in all respect.	11550	Sft	15	173250	11550	Sft	20	231000	57750	- do -
Extra for provision of wiring of Heavy equipment of Hospital complete in all respect with out networking and computers etc.	11550	Sft	30	346500	11550	Sft	35	404250	57750	- do -
Total				31713279				35692493	3979214	
EXTERNAL DEVELOPMENT				863510				1073653	210143	
Total				32576789				36766146	4189357	
Add 3% Contingency				977304				1102984	125681	
Total				33554093				37869130	4315037	
Add 1% Tree Planation				325768				367661	41894	
Add 5% PST				1677705				1838307	160603	
Add Wapda chagres for Upgradation				1200000				1500000	300000	
Add Internal Sui Gas Charges				1000000				1000000	0	
Grand Total				37708700				42575099	4866399	
Say In Millions				37.709 M	Say In Millions				42.575 M	4.866

Sub Engineer

Sub Divisional Officer
Buildings Sub Division
Kahuta

Executive Engineer
Buildings Division No: 2
Rawalpindi



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.

8. ANNUAL OPERATING COST (POST COMPLETION)

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

Grant Number:Government Buildings - (PC12042)
LO NO:LO21010601
A/C To be Credited:Account-I

		PKR Million
Sr #	Object Code	
Total		

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

Grant Number:Government Buildings - (PC12042)
LO NO:LO21010601
A/C To be Credited:Account-I

		PKR Million
Sr #	Object Code	
Total		

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	51.000	21.082	0.764	0.978	3.235	7.421	84.480
Utilization	35.897	18.727	0.757	0.724	3.107	0.910	60.122

Capital Side:

Year	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Funds Released	0	0	0	0	20.000	13.545	33.545
Utilization	0	0	0	0	20.000	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

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.

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.

11.2 ENVIRONMENTAL IMPACT ANALYSIS

Environmental Impact

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

11.3 PACT ANALYSIS

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11.4 ECONOMIC ANALYSIS

Impact of Delays on Project Cost and Viability

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

11.5 FINANCIAL ANALYSIS

Financial Benefits & Analysis

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

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

The Human Development Index of Pakistan (HDI) will improve

Infant Mortality Rate will decrease

Mother Mortality rate will be decreased

The international commitments of Pakistan will be accomplished

Health standard of public will

Better Health Facilities to mother and

Prompt and scientific facility for operation

Rehabilitation of disables and injured

Blindness in this area will be decreased and controlled

Better social and mental health to addict

Provision of better health facilities at doorsteps

Awareness and control for communicable

Survival of heart failure

Social indicators of Pakistan will improve

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

11.1.1 Financial Impact:

In the beginning, 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

Implementation Schedule

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

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12.4 M&E PLAN

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

12.5 RISK MITIGATION PLAN

attached

RISK REGISTER

Programme for Revamping of all THQ Hospitals in Punjab

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

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13. MANAGEMENT STRUCTURE AND MANPOWER REQUIREMENTS

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

14. ADDITIONAL PROJECTS / DECISIONS REQUIRED

NA

15. CERTIFICATE

Focal Person Name:Mr. Adeel Aslam

Designation:Project Director, PMU P&SHD

Email:

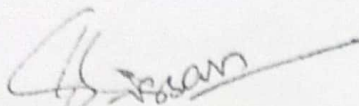
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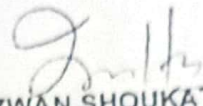
Address:31/E1, Shahrah-e-imam Hussain? Road? Block E 1 Gulberg III, Lahore, Punjab

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

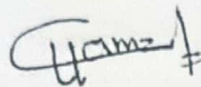
Prepared By:



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

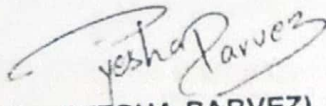


(RIZWAN SHOUKAT)
PROCUREMENT SPECIALIST, (PMU),
PRIMARY & SECONDARY HEALTHCARE
DEPARTMENT, LAHORE
(042-99231206)
(Oct-2022)



(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)

17. RELATION WITH OTHER PROJECTS

Scheme ID	Scheme Name
	Revamping of THQ Hospital, Kahuta District Rawalpindi

20. MARGINALISATION OF PC-1

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

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