



PC-1

Revamping of THQ Hospital, Karor Lalesan District Layyah

ORIGINAL APPROVED COST	PKR Million. 357.552/-
ORIGINAL APPROVED GESTATION	72 Months Till June 2025
APPROVAL FORUM	DDSC (DDSC)

1. NAME OF THE PROJECT

Revamping of THQ Hospital, Karor Lalesan District Layyah

2. LOCATION OF THE PROJECT

2.1. DISTRICT(S)

I. LAYYAH

2.2. TEHSIL(S)

I. KAROR LAL ESAN

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: 5278
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 causalities, if patient treatment is not proper. Besides road trauma cases, cardiac cases and burn cases etc. are also more likely to be initially treated in emergency. Proper first aid to patient reduces morbidity and mortality. The emergency department of hospital is a block where in time service delivery is so much essential that delay in proper treatment can cause lot of lives to suffer from serious diseases for rest of their life. In a nutshell, the efficiency and in time service delivery of emergency block depicts the overall efficiency of the hospital.

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

5.3.3.1.2 Position of Emergency Department

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

5.3.3.1.3 Access towards the Emergency Department

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

5.3.3.1.4 Medical Infrastructure Emergency:

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

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

5.3.3.1.5 General Building Interventions:

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

1. Provision of flooring and skirting
2. Painting on interior and exterior side of department

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

5.3.3.2 Monitoring and Quality Assurance (Process Interventions)

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

5.3.3.2.1 MSDS (Minimum Service Delivery Standards)

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

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

MSDS umbrella is very vast and it requires a very extensive and planned approach towards, gap analysis, planning, development, implementation,

monitoring and evaluation. MSDS comprises of 10 thematic area, 30 standards and 162 indicators. Government of Punjab has taken an initiative to standardize all hospitals of Punjab in accordance with Punjab Health Care Commission Minimum service delivery standards. PMU team segregated MSDS indicators into various targets and sub-targets to make these targets achievable. Manuals for both clinical and non-clinical specialties are being prepared comprising of departmental organizational plan, criteria for essential human resource, essential equipment, general and specialized SOPs, departmental safety guidelines etc. Standardized Medical Protocols (SMPs) are standard steps to be taken by a health facility during medical or surgical management of a patient. Standard Operating Procedure (SOPs) are detailed description of steps required in performing a task including specifications that must be complied with and are vital to ensure the delivery of these services .It requires literature review, departmental view, facility visits, consultative visits and development of action plan for implementation of MSDS. Effective MSDS implementation requires essential documentation. Documentation is a key for record keeping, monitoring and auditing. For this purpose, registers, forms, displays have to be designed with coding for effective tracking. In addition to this it also requires analysis from field from utilization point of view.

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

MSDS implementation is a complex procedure. Because it requires

1. Capacity building for understanding, development and continuous implementation of MSDS.
2. Ecosystem for establishing its implementation by full cooperation, collaboration, commitment of
3. Continuous monitoring
4. Continuous audit
5. Continuous training, refresher courses with purpose of reinforcement
6. Continuous quality improvement
7. Continuous Strengths, Weaknesses, Opportunities, and Threats (SWOT) analysis and gap identification
8. Continuous strategy making and implementation with backup plan for secondary options.
9. Responsibility designation for clinical and non-clinical procedures and activities.
10. Effective utilization, calibration and maintenance of equipment with record maintenance and their audit
11. Establishment of plans, implementation, analysis of gaps with alternate planning regarding fire evacuation plan, hospital 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/Matresses
- Installation of Transformers/Dual Connection
- Improvement of Labor rooms/Nurseries

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

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

5.9 Patient Management Protocol

5.9.1 Emergency:

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

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

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

5.9.2 O.P.D:

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

5.9.3 Death or End of Life Management.

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

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

5.9.4 Inventory Control System

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

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

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

5.9.5 Project Monitoring Committee

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

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

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

5.10 Relationship with Sectoral Objectives

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

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

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

6. DESCRIPTION AND JUSTIFICATION OF PROJECT

6.1 JUSTIFICATION OF PROJECT

attached

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 Karor Lalesan District Layyah is more than 0.504 million. The area of the THQ Hospital Karor Lalesan District Layyah is 558,550 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 Karor Lalesan District Layyah

Revamping of THQ Karor Lalesan District Layyah 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 unclear 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

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:LO17011155
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	109.743	0.000	100.000	0.000	100.000	0.000
Total		0.000	0.000	0.000	0.000	0.000	0.000	109.743	0.000	100.000	0.000	100.000	0.000

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

Grant Number:Government Buildings - (PC12042)
LO NO:LO21010603
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	47.809	0.000	0.000	0.000	0.000	0.000
Total		0.000	0.000	0.000	0.000	0.000	0.000	47.809	0.000	0.000	0.000	0.000	0.000

Abstract of Cost

	Original			1st Revised			2nd Revised			Amended 2nd Revised			3rd Revised		
Scope of work	Cost in million														
	Capital	Revenue	Total	Capital	Revenue	Total	Capital	Revenue	Total	Capital	Revenue	Total	Capital	Revenue	Total
Capital component															
Internal development	0.000	25.910	25.910	0.000	25.910	25.910	28.602	25.910	54.512	28.129	25.910	54.039	28.129	25.910	54.039
External development	0.000	3.101	3.101	0.000	3.101	3.101	15.505	3.101	18.606	17.583	3.101	20.684	17.583	3.101	20.684
Water filtration plant	0.000	5.600	5.600	0.000	5.600	5.600	1.793	5.600	7.393	2.097	5.600	7.697	2.097	5.600	7.697
Total Capital Component	0.000	34.611	34.611	0.000	34.611	34.611	45.900	34.611	80.511	47.809	34.611	82.420	47.809	34.611	82.420
Revenue component															
Emergency	0.000	25.448	25.448	0.000	25.448	25.448	0.000	35.397	35.397	0.000	35.397	35.397	0.000	58.988	58.988
MSDS	0.000	8.647	8.647	0.000	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	0.000	45.479	45.479	0.000	45.479	45.479	0.000	59.932	59.932	0.000	59.932	59.932	0.000	86.136	86.136
Electricity	0.000	11.752	11.752	0.000	11.752	11.752	0.000	11.752	11.752	0.000	11.752	11.752	0.000	14.352	14.352
IT & QMS & Surveillance	0.000	14.515	14.515	0.000	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	0.000	13.504	13.504	0.000	13.504	13.504	0.000	13.504	13.504	0.000	13.504	13.504	0.000	18.788	18.788
Interior and Exterior decorations/ Signage	0.000	3.124	3.124	0.000	3.124	3.124	0.000	4.271	4.271	0.000	4.271	4.271	0.000	4.271	4.271
Day Care Center	0.000	1.600	1.600	0.000	1.600	1.600	0.000	1.600	1.600	0.000	1.600	1.600	0.000	1.600	1.600
Human resource (HR) plan	0.000	17.220	17.220	0.000	17.220	17.220	0.000	37.060	37.060	0.000	37.060	37.060	0.000	54.250	54.250
LC Deficit during procurement (currency fluctuation)								3.189	3.189		3.189	3.189		3.189	3.189
Total Revenue component	0.000	141.288	141.288	0.000	141.288	141.288	0.000	193.073	193.073	0.000	193.073	193.073	0.000	275.132	275.132
Outsourcing component															
Janitorial Services	0.000	13.698	13.698	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Security and Parking services	0.000	7.232	7.232	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Laundry Services	0.000	3.000	3.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maintenance (Generator)	0.000	2.620	2.620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEP	0.000	4.686	4.686	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Medical Gases	0.000	1.304	1.304	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Cafeteria	0.000	6.743	6.743	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Horticulture services	0.000	6.555	6.555	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total outsourcing cost	0.000	45.838	45.838	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	0.000	221.737	221.737	0.000	175.899	175.899	45.900	227.684	273.584	47.809	227.684	275.493	47.809	309.743	357.552
Contingency (1%) only on Civil Component	0.000	0.346	0.346	0.000	0.000	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%)	0.000	2.217	2.217	0.000	0.000	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%)	0.000	2.217	2.217	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grand Total	0.000	226.518	226.518	0.000	175.899	175.899	45.900	227.684	273.584	47.809	227.684	275.493	47.809	309.743	357.552

Emergency Equipment

Sr. No.	Area	ITEM DESCRIPTION	Yard Stick	Original			1st Revised			2nd Revised			3rd Revised		
				Required Quantity	Actual Unit Price	Actual Total Cost(Rs)	Required Quantity	Actual Unit Price	Actual Total Cost(Rs)	Required Quantity	Actual Unit Price	Actual Total Cost(Rs)	Required Quantity	Actual Unit Price	Actual Total Cost(Rs)
				(T=8+S=0+E=10)			(T=8+S=0+E=10)			(T=8+S=0+E=10)			(T=8+S=0+E=10)		
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	8	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	8	15,750	126,000	8	15,750	126,000	8	30,000	240,000	8	30,000	240,000
7		Gurney WITH FOOT STEP)*(N)	3	8	420,000	3,360,000	8	420,000	3,360,000	8	460,000	3,680,000	8	800,000	6,400,000
8		Mercury B.P apparatus*(N)	2	6	33,600	201,600	6	33,600	201,600	6	36,000	216,000	6	36,000	216,000
9		Laryngoscope paed's & adult each*(N)	2	6	10,500	63,000	6	10,500	63,000	6	12,000	72,000	6	20,000	120,000
10		Diagnostic set*(N)	1	3	45,150	135,450	3	45,150	135,450	3	50,000	150,000	3	85,000	255,000
11		ECG Machine (with trolley) *(N)	1	3	169,785	509,355	3	169,785	509,355	3	180,000	540,000	3	300,000	900,000
12		Central oxygen with accessories FOR each	0	0	420,000	-	0	420,000	-	0	-	-	0	-	-
13		NEBULIZER HD*(N)	2	6	125,265	751,590	6	125,265	751,590	6	215,000	1,290,000	6	300,000	1,800,000
14		SUCKER MACHINE*(N)	1	3	259,350	778,050	3	259,350	778,050	3	275,000	825,000	3	300,000	900,000
15		Resuscitation Trolley (fully equipped) *(N)	1	3	244,733	734,199	3	244,733	734,199	3	400,000	1,200,000	3	600,000	1,800,000
16	Minor O.T	INSTRUMENT CABINET*N	1	3	69,300	207,900	3	69,300	207,900	3	69,300	207,900	3	69,300	207,900
17		MEDICINE TROLLEY*N	1	3	60,900	182,700	3	60,900	182,700	3	60,900	182,700	3	60,900	182,700
18		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	Constant / specialized care room	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		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	7	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		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		(MOTRIZED BEDS) with accessories (with foot steps)*(N)	7	10	210,000	2,100,000	10	210,000	2,100,000	10	400,000	4,000,000	10	600,000	6,000,000
41		ECG machine(with trolley) *(N)	1	2	169,785	339,570	2	169,785	339,570	2	169,785	339,570	2	300,000	600,000
42		Pulse- oximeter *(N)	6	9	104,000	936,000	9	104,000	936,000	9	160,000	1,440,000	9	225,000	2,025,000
43		Bedside-monitor*(N)	3	5	301,665	1,508,325	5	301,665	1,508,325	5	550,000	2,750,000	5	1,200,000	6,000,000

Emergency Equipment

				Original			1st Revised			2nd Revised			3rd Revised		
Sr.	Area	ITEM DESCRIPTION	Yard	Required Quantity	Actual Unit	Actual Total	Required Quantity	Actual Unit	Actual Total	Required Quantity	Actual Unit	Actual Total	Required Quantity	Actual Unit	Actual Total
44	Emergency ward	B.P apparatus wall type *(N)	6	9	26,250	236,250	9	26,250	236,250	9	30,000	270,000	9	30,000	270,000
45		Nebulizer HD *(N)	2	3	125,265	375,795	3	125,265	375,795	3	215,000	645,000	3	300,000	900,000
46		Resuscitation Trolley (fully equipped))*(N)	1	2	237,618	475,236	2	237,618	475,236	2	400,000	800,000	2	600,000	1,200,000

Emergency Equipment

				Original			1st Revised			2nd Revised			3rd Revised		
Sr.	Area	ITEM DESCRIPTION	Yard	Required Quantity	Actual Unit	Actual Total	Required Quantity	Actual Unit	Actual Total	Required Quantity	Actual Unit	Actual Total	Required Quantity	Actual Unit	Actual Total
47		Defibrillator*N	1	2	299,153	598,307	2	299,153	598,307	2	650,000	1,300,000	2	800,000	1,600,000
48		Sucker machine *(N)	2	3	259,350	778,050	3	259,350	778,050	3	275,000	825,000	3	300,000	900,000
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 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	Generalized	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				25,448,145			25,448,145			35,397,220			58,988,400
						25,448			25,448			35,397			58,988

MSDS

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

MSDS

		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)
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 System	1	650,000	650,000	1	650,000	650,000	1	650,000	650,000	1	2,200,000	2,200,000
	Total			8,647,094			8,647,094			9,653,822			13,437,942
				8.647			8.647			9.654			13.438

Medical Equipment

Sr. No.	Area	Name of Equipment	Yard Stick	Original				1st Revised				2nd Revised				3rd Revised			
				Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost
1	Laboratory	Semi Auto Clinical Chemistry Analyzer	1	1	0	449,295	-	1	0	449,295	-	1	0	550,000	-	1	0	550,000	-
2		Hematology Analyzer	1	1	0	427,350	-	1	0	427,350	-	1	0	550,000	-	1	0	750,000	-
3		Electrolyte Analyzer	1	0	1	427,350	427,350	0	1	427,350	427,350	0	1	550,000	550,000	0	1	550,000	550,000
4		Blood Gas Analyzer	0	0	0	2,744,858	-	0	0	2,744,858	-	0	0	3,200,000	-	0	0	1,400,000	-
5		Clinical Microscope	1	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	1	0	52,500	-	1	0	52,500	-	1	0	75,000	-	1	0	125,000	-
9		Auto pipettes	10	1	9	31,500	283,500	1	9	31,500	283,500	1	9	40,500	364,500	1	9	45,000	405,000
10		glass wares	0	0	0	105,000	-	0	0	105,000	-	0	0	105,000	-	0	0	105,000	-
11		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	X-Rays	Static X-ray Machine	1	0	1	4,200,000	4,200,000	0	1	4,200,000	4,200,000	0	1	6,000,000	6,000,000	0	1	#####	12,000,000
13		Mobile X-Ray Machine	0	1	0	3,850,524	-	1	0	3,850,524	-	1	0	4,300,000	-	1	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	1	0	282,975	-	1	0	282,975	-	1	0	350,000	-	1	0	525,000	-
16		Lead apron and PPE	2	0	2	52,500	105,000	0	2	52,500	105,000	0	2	60,000	120,000	0	2	85,000	170,000
17		Density meter personal (Add)	0	0	0	210,000	-	0	0	210,000	-	0	0	210,000	-	0	0	250,000	-
18		Lead glass /shield	0	0	0	105,000	-	0	0	105,000	-	0	0	105,000	-	0	0	150,000	-
19		Lead Walls	0	0	0	525,000	-	0	0	525,000	-	0	0	525,000	-	0	0	525,000	-
20	Ultrasound	Portable/Mobile Ultrasound	0	3	0	1,371,331	-	3	0	1,371,331	-	3	0	1,500,000	-	3	0	2,400,000	-
21		Color Doppler RADIOLOGY	1	0	1	3,698,310	3,698,310	0	1	3,698,310	3,698,310	0	1	4,500,000	4,500,000	0	1	5,500,000	5,500,000
22	CCU	ICU MONITOR	2	0	2	301,665	603,330	0	2	301,665	603,330	0	2	900,000	1,800,000	0	2	1,250,000	2,500,000
23		Temporary pace maker	0	0	0	315,000	-	0	0	315,000	-	0	0	315,000	-	0	0	550,000	-
24		Defibrillator	1	0	1	299,153	299,153	0	1	299,153	299,153	0	1	650,000	650,000	0	1	800,000	800,000
25		ECG Machine Three Channel	2	0	2	169,785	339,570	0	2	169,785	339,570	0	2	169,785	339,570	0	2	300,000	600,000
26		ETT Machine	0	0	0	2,021,838	-	0	0	2,021,838	-	0	0	2,200,000	-	0	0	3,000,000	-
27		Color doplor CARDIOLOGY	0	0	0	4,681,790	-	0	0	4,681,790	-	0	0	4,800,000	-	0	0	6,000,000	-
28		Suction Pump	2	6	0	259,350	-	6	0	259,350	-	6	0	275,000	-	6	0	300,000	-
29	Blood Bank	Blood Cabinet	1	6	0	690,539	-	6	0	690,539	-	6	0	700,000	-	6	0	1,500,000	-
30		Centrifuge Machine	2	1	1	149,336	149,336	1	1	149,336	149,336	1	1	250,000	250,000	1	1	400,000	400,000
31		Slide viewer	1	0	1	42,000	42,000	0	1	42,000	42,000	0	1	55,000	55,000	0	1	55,000	55,000
32		Clinical Microscope	1	1	0	132,825	-	1	0	132,825	-	1	0	180,000	-	1	0	250,000	-
33	Dialysis Unit (10 beds)	Computerized Hemo Dialysis Machine	5	4	1	1,050,000	1,050,000	4	1	1,050,000	1,050,000	4	1	1,600,000	1,600,000	4	1	3,200,000	3,200,000
34	Nursery	Baby Cot	10	6	4	14,669	58,674	6	4	14,669	58,674	6	4	16,000	64,000	6	4	16,000	64,000
35		Phototherapy Unit	2	1	1	130,200	130,200	1	1	130,200	130,200	1	1	655,000	655,000	1	1	850,000	850,000
36		Infant Warmer	2	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	1	5	104,500	522,500	1	5	104,500	522,500	1	5	160,000	800,000	1	5	225,000	1,125,000
38		Infant Incubator	2	3	0	858,932	-	3	0	858,932	-	3	0	900,000	-	3	0	1,750,000	-
39		Suction Pump	1		1	259,350	259,350		1	259,350	259,350		1	275,000	275,000		1	300,000	300,000
40		Hospital Grade Nebulizer Heavy Duty	2	1	1	125,265	125,265	1	1	125,265	125,265	1	1	215,000	215,000	1	1	300,000	300,000
41	O.T (04)	Anesthesia Machine with Ventilator	1	3	0	2,509,554	-	3	0	2,509,554	-	3	0	3,000,000	-	3	0	7,000,000	-
42		BED SIDE PATIENT MONITOR	2	2	0	441,000	-	2	0	441,000	-	2	0	550,000	-	2	0	1,200,000	-
43		Defibrillator	2	1	1	308,713	308,713	1	1	308,713	308,713	1	1	650,000	650,000	1	1	800,000	800,000
44		Electrosurgical Unit	1	3	0	507,530	-	3	0	507,530	-	3	0	700,000	-	3	0	900,000	-
45		Operation Table	1	4	0	1,426,215	-	4	0	1,426,215	-	4	0	2,000,000	-	4	0	2,500,000	-
46		Ceiling Operating Light	1	4	0	413,013	-	4	0	413,013	-	4	0	800,000	-	4	0	950,000	-
47		STEAM STERILIZER	1	1	0	3,465,000	-	1	0	3,465,000	-	1	0	4,000,000	-	1	0	7,800,000	-
48		Suction Pump	2		2	259,350	518,700		2	259,350	518,700		2	275,000	550,000		2	300,000	600,000
49		Resuscitation trolley With Crash Cart	2	2	0	244,733	-	2	0	244,733	-	2	0	400,000	-	2	0	600,000	-
50		mayo table	4	0	4	21,000	84,000	0	4	21,000	84,000	0	4	23,000	92,000	0	4	23,000	92,000
51		MOBILE OPERATING LIGHT	1	1	0	304,220	-	1	0	304,220	-	1	0	400,000	-	1	0	900,000	-
52	Orthopedic	Operation Table	0	0	0	1,426,215	-	0	0	1,426,215	-	0	0	2,000,000	-	0	0	5,000,000	-
53		ORTHOPEDIC DRILL	0	0	0	1,108,740	-	0	0	1,108,740	-	0	0	1,500,000	-	0	0	4,000,000	-
54		Plaster Cutting Pneumatic	1	0	1	276,250	276,250	0	1	276,250	276,250	0	1	450,000	450,000	0	1	1,500,000	1,500,000
55		Pneumatic Tourniquets	0	0	0	262,500	-	0	0	262,500	-	0	0	262,500	-	0	0	300,000	-

Medical Equipment

Sr. No.	Area	Name of Equipment	Yard Stick	Original				1st Revised				2nd Revised				3rd Revised			
				Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost
56		Orthopedic Instruments	0	0	0	432,623	-	0	0	432,623	-	0	0	550,000	-	0	0	550,000	-
57		Portable/Mobile Ultrasound	1	0	1	1,418,958	1,418,958	0	1	1,418,958	1,418,958	0	1	1,500,000	1,500,000	0	1	2,400,000	2,400,000

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
58	Gynea (20 beds)	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	2	0	47,250	-	2	0	47,250	-	2	0	47,250	-	2	0	55,000	-
61		BED SIDE PATIENT MONITOR	2	1	1	294,000	294,000	1	1	294,000	294,000	1	1	550,000	550,000	1	1	1,200,000	1,200,000
62		D & C Set	2	6	0	34,650	-	6	0	34,650	-	6	0	40,000	-	6	0	60,000	-
63		Vaccume Extractor	1	1	0	259,350	-	1	0	259,350	-	1	0	300,000	-	1	0	350,000	-
64		CTG Machine	1	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	0	2	304,220	608,440	0	2	304,220	608,440	0	2	400,000	800,000	0	2	900,000	1,800,000
67		Baby Cot	2	2	0	14,669	-	2	0	14,669	-	2	0	16,000	-	2	0	16,000	-
68	Surgical Emergency (10 beds)	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	0	1	144,375	144,375	0	1	144,375	144,375	0	1	175,000	175,000	0	1	200,000	200,000
70		Steam Sterilizer	0	1	0	3,355,849	-	1	0	3,355,849	-	1	0	4,000,000	-	1	0	7,800,000	-
71		Operation Table	0	0	0	1,426,215	-	0	0	1,426,215	-	0	0	2,000,000	-	0	0	2,500,000	-
72		MOBILE OPERATING LIGHT	0	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	6	0	9,744	-	6	0	9,744	-	6	0	12,000	-	6	0	20,000	-
75		Set of Surgical Instruments	0	2	0	141,750	-	2	0	141,750	-	2	0	160,000	-	2	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	Others	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 Apparatus	15	10	5	15,750	78,750	10	5	15,750	78,750	10	5	16,000	80,000	10	5	16,000	80,000
81		Ventilator	0	10	0	2,195,080	-	10	0	2,195,080	-	10	0	3,500,000	-	10	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	#####	-
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	ICU	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		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, paed	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	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 Unit	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

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
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					45,479,034				45,479,034				59,931,570				86,136,388
							45.479				45.479				59.932				86.136

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	2	1,600,000	3,200,000
2	Transformers (100 KVA)	1	450,000	450,000	1	450,000	450,000	1	450,000	450,000	1	450,000	450,000
3	Generator (200 KVA)	0	4,000,000	-	0	4,000,000	-	0	4,000,000	-	0	4,000,000	-
4	Generator (100 KVA)	1	2,300,000	2,300,000	1	2,300,000	2,300,000	1	2,300,000	2,300,000	1	2,300,000	2,300,000
5	2 Ton air conditioners (split)	25	55,500	1,387,500	25	55,500	1,387,500	25	55,500	1,387,500	25	55,500	1,387,500
6	2 Ton air conditioners (Cabinet)	9	78,000	702,000	9	78,000	702,000	9	78,000	702,000	9	78,000	702,000
7	4 Ton air conditioners (Cabinet)	5	120,000	600,000	5	120,000	600,000	5	120,000	600,000	5	120,000	600,000
8	Ceiling Fans 56"	100	3,090	309,000	100	3,090	309,000	100	3,090	309,000	100	3,090	309,000
10	Bracket Fans 18"	90	3,280	295,200	90	3,280	295,200	90	3,280	295,200	90	3,280	295,200
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	5,000,000	5,000,000	1	5,000,000	5,000,000
	Total			11,751,700			11,751,700			11,751,700			14,351,700
				11.752			11.752			11.752			14.352

IT & QMS & Surveillance

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

Furniture and Fixtures

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

Signage and plaques

Sr No	Type	Kinds of Sign Boards	Original			1st Revised			2nd Revised			3rd Revised		
			Quantity	Rates	Cost	Quantity	Rates	Cost	Quantity	Rates	Cost	Quantity	Rates	Cost
		External Sign Boards												
1	A1	External Platform/Road Signage (Circular)	6	10,221	61,326	6	10,221	61,326	6	13,951	83,706	6	13,951	83,706
2	A2	External Platform/Road Signage (Triangular)	6	9,350	56,100	6	9,350	56,100	6	12,762	76,574	6	12,762	76,574
3	B1	Main Directional Board	1	113,632	113,632	1	113,632	113,632	1	155,107	155,107	1	155,107	155,107
4	C1	Directional Board (Single Sheet)	10	14,600	146,000	10	14,600	146,000	10	19,929	199,290	10	19,929	199,290
5	C2	Directional Board (Two Sheets)	1	22,722	22,722	1	22,722	22,722	1	31,016	31,016	1	31,016	31,016
6	C3	Directional Board (Three Sheets)	1	30,463	30,463	1	30,463	30,463	1	41,581	41,581	1	41,581	41,581
7	C4	Directional Board (Four Sheets)	1	37,619	37,619	1	37,619	37,619	1	51,351	51,351	1	51,351	51,351
8	C5	Directional Board (Five Sheets)	1	45,685	45,685	1	45,685	45,685	1	62,360	62,360	1	62,360	62,360
9	C6	Directional Board (Six Sheets)	1	53,341	53,341	1	53,341	53,341	1	72,810	72,810	1	72,810	72,810
10	C7	Additional Panel (For Fixation on existing Foundation & Posts)	3	8,024	24,072	3	8,024	24,072	3	10,952	32,857	3	10,952	32,857
11	D1	Departmental Signage on Building	6	47,683	286,098	6	47,683	286,098	6	65,087	390,524	6	65,087	390,524
12	E1	External Map Boards	2	41,603	83,206	2	41,603	83,206	2	56,788	113,576	2	56,788	113,576
		Internal Signage	0		-	0		-	0		-	0		-
1	F1	Internal Hanging Signage (Main Entrance)	5	90,791	453,955	5	90,791	453,955	5	125,294	626,472	5	125,294	626,472
2	F2	Internal Hanging Signage (Main Entrance 2)	5	69,887	349,435	5	69,887	349,435	5	95,396	476,980	5	95,396	476,980
3	F3	Internal Hanging Signage (Corridor)	4	51,759	207,036	4	51,759	207,036	4	70,651	282,604	4	70,651	282,604
4	F4	Internal Hanging Signage (Corridor 2)	4	52,359	209,436	4	52,359	209,436	4	71,470	285,880	4	71,470	285,880
5	G1	Internal Department Signage on wall	7	13,239	92,673	7	13,239	92,673	7	18,071	126,498	7	18,071	126,498
6	H1	Specialist Name Plaques fixed on wall	20	3,805	76,100	20	3,805	76,100	20	5,194	103,880	20	5,194	103,880
7	J1	Room Name Plaques and Numbers fixed on wall	100	875	87,500	100	875	87,500	100	1,194	119,420	100	1,194	119,420
8	K1	Internal Wall Signage	100	1,437	143,700	100	1,437	143,700	100	1,961	196,140	100	1,961	196,140
9	L1	Room Numbers Fixed on Wall	50	3,647	182,350	50	3,647	182,350	50	4,978	248,920	50	4,978	248,920
10	M1	Advance Fire Exit Sign	10	1,856	18,560	10	1,856	18,560	10	2,534	25,340	10	2,534	25,340
11	M2	Fire Exit Sign Mounted Above the Door	10	1,284	12,840	10	1,284	12,840	10	1,753	17,528	10	1,753	17,528
12	N1	Fire Safety/Equipment Signage	20	2,459	49,180	20	2,459	49,180	20	3,357	67,144	20	3,357	67,144
13	P1	Floor Map Board	5	21,301	106,505	5	21,301	106,505	5	29,075	145,376	5	29,075	145,376
14	Q1	Caution Signage	25	2,195	54,875	25	2,195	54,875	25	2,996	74,900	25	2,996	74,900
15	Q2	Caution Signage	5	660	3,300	5	660	3,300	5	902	4,508	5	902	4,508
16	Q3	Caution Signage	10	1,155	11,550	10	1,155	11,550	10	1,576	15,764	10	1,576	15,764
17	Q4	Caution Signage	15	897	13,455	15	897	13,455	15	1,225	18,375	15	1,225	18,375
		Total			3,032,714			3,032,714			4,146,482			4,146,482
		Designing and Site Supervision			90,981			90,981			124,394			124,394
		Grand Total			3,123,695			3,123,695			4,270,877			4,270,877
					3.124			3.124			4.271			4.271

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

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

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

DAY CARE CENTER													
Yard Stick as per Women Dvelopment Department													
		Original			1st Revised			2nd Revised			3rd Revised		
Sr. No.	ITEMS	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total
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	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	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	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	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	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	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	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	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)	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	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	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	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	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	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	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	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	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	20,000	240,000	1	20,000	20,000	240,000	1	20,000	20,000	240,000	1		20,000	20,000	240,000
	Sub Total of HR Model	4,860,000	17,220,000			4,860,000	17,220,000			5,040,000	28,140,000				5,273,000	40,473,000
			17.220				17.220				28.140					40.473
	Utilization of HR Component						8.920				13.78					
	Total of HR Component										37.06					54.250

Janitorial Services

	Original			Revised
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 residential area	26,856	sft		
Covered area assigned to one sweeper	7,500	sft		
Number of sweepers required for covered area	4	Persons		
Road and ROW area	95,812	sft		
Road and ROW assigned to one sweeper	15,000	sft		
Number of sweepers required for road and ROW area	6	Persons		
Number of washroom blocks	11	blocks		
Number of washroom block assigned to one sweeper	3	Persons		
Number of sweepers required for total washroom blocks	4	Persons		
Total sweeper in morning shift	13	Persons		
Total number of sweepers in evening shift	7	Persons		
Total number of sweepers in night shift	7	Persons		
Total number of sweepers in all shifts	27	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	27	22,000	7,169,529	
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)			13,697,529	
				13.698

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	26,856			
Covered Area per guard	15,000			
Number of guards	2			
Open area excluding parking area	95,812			
Area covered per guard per shift for open area excluding parking	15,000			
Number of guards for total area excluding parking area	6			
Number of gates	4			
Number of guards at gates	8			
Total No of Guard	16			
Total number of all guards for second shift	8			
Lady Searcher	4			
Number of parking areas	1			
Number of guards for parking lot per shift (Morning+ Evening)	2			
Total no. of Supervisors	2			
Type of worker	No of workers	Salary per month	Salary per Month for all Person	Salary for One year
Supervisors	2	24,675	49,350	592,200
Ex-Army	8	21,525	172,200	2,066,400
Civilian	12	21,000	252,000	3,024,000
Lady Searcher	4	21,525	86,100	1,033,200
Parking	2	21,525	43,050	516,600
Sub total				7,232,400
Equipment cost				
Lump sum Provision (Walk Through Gate=1, Metal Detector=5, Walkies Talkies=10, Base Set=1)				500,000
Sub total				500,000
Subtracting Parking Fees				500,000
Total Security and Parking Services				7,232,400
				7.232

Laundry Services				
	Original			From 1st Revised to onward
Number of beds	60			<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)	2	175,000	350,000	
Repairs Cost	1	650,000	650,000	
HR Cost				
Supervisor	1	40,000	240,000	
Generator Operator	3	30,000	1,080,000	
Technical Staff/Mechanic	-	30,000	-	
Total			2,620,000	
2.620				

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 CFTCylinder (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: "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>
	Medical Oxygen Gas in 48 CFTCylinder (MF)	30	360	1,000	360,000	
	Medical Oxygen Gas in 24 CFTCylinder (ME)	40	480	800	384,000	
Nitrous Oxide	Nitrous Oxide in 1,620 Liter (XE)	2	24	5,000	120,000	
	Nitrous Oxide in 16,200 Liter (XM)	1	12	12,500	150,000	
Nitrogen Gas	Nitrogen Gas	1	12	2,000	24,000	
Total					1,304,400	

1.304

Cafeteria

Pre-Fabrication Cateen (Procurement)

		Original				From 1st Revised to onward
Sr. No.	Description of work	Unit	Qty	Rate (Rs)	Amount (Rs)	<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						
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	

Cafeteria						
Pre-Fabrication Cateen (Procurement)						
		Original				From 1st Revised to onward
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 Sanitary				410,000	
24	Kitching Fixtures				802,000	
	Grand Total Amount (Rs)				6,742,856	
6.743						

LANDSCAPE DEVELOPMENT WORKS COST ESTIMATE

Original						From 1st Revised to onward
Sr. No.	Description	Unit	Quantity	Unit Rate Rs.	Amount Rs.	<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>
1	SOFT LANDSCAPE					
1.1	TOP SOIL					
	Providing, spreading and leveling of topsoil (sweet soil including manure and fertilizers) as required complete in all respects as per Drawings, Specifications and as approved by the Engineer.	Cft	20,672	22	454,781	
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 conforming to the criteria outlined in the Specifications, complete in all respects as per Drawings, Specifications and as approved by the Engineer.	Sft	28,350	7	198,450	
b	GRASSING (NEW LAWNS)					
	Providing and dibbing of Fine Dacca grass, including mud filling/leveling and contour shape preparation conforming to the criteria outlined in the Specifications, complete in all respects as per Drawings, Specifications and as approved by the Engineer.	Sft	35,438	11.25	398,672	
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	145	1,500	217,500	
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 Amestal, Pilken, Palms etc.	No's	34	270	9,180	
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	
1.5	Shrubs and Ornamental Plants 10" pot Pittosporum Variegated, Murray Small, Ixora Coccinea, Juniper Varigated, Hibiscus Varigated, Carronda Dwarf Spp, Jasmine Sambac(Mottya), Leucophyllum Frutescens(Silvery), Rose, Nerium, Lantana, Cannu, Asparagress, Conocarpus, Acalypha, Callistemon Dwarf, Cestrum, Thabernaemontara Variegated etc.	No's	12,886	69	889,134	
a	Shrubs and Ornamental Plants 12" pot Pittosporum Varigated, Ixora Cochineal, Juniper Variegated, Carronade Dwarf, Jasmine Thai, Plumier Robar, Cassia Malacca, Largest mea, Euphorbia, Jestrophia Thai etc.	No's	2,025	195	394,875	
1.6	GROUND COVERS					

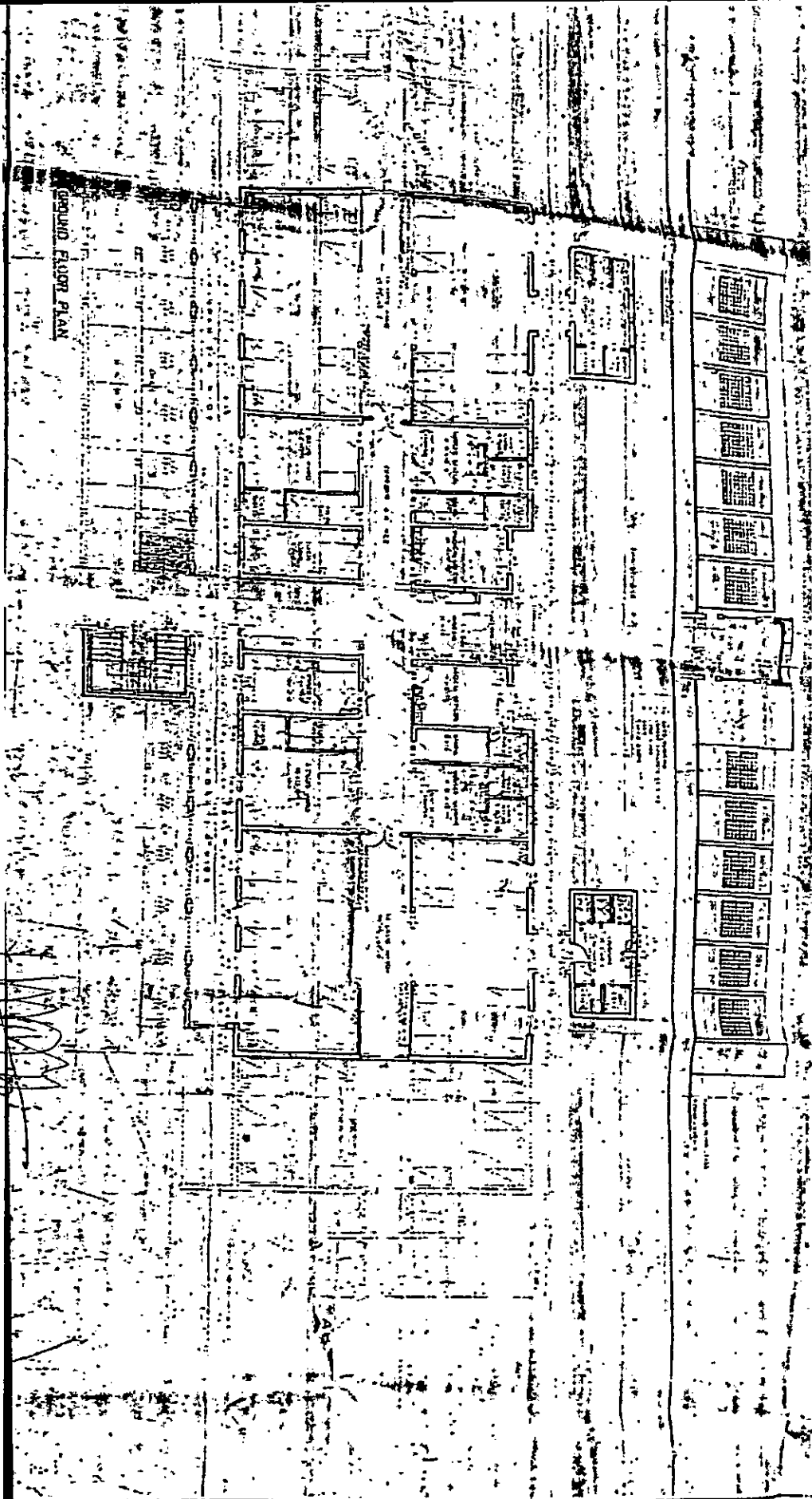
LANDSCAPE DEVELOPMENT WORKS COST ESTIMATE

Original					From 1st Revised to onward
	Providing and planting ground covers as listed and as arrangement and type shown in the Drawings, in pits of size 150mm x 150mm x 150mm. Dug in improved soil 610mm deep filled by adding 10% cow dung manure and confirming to the criteria outlined in the Specifications, complete in all respects and to the satisfaction of Engineer.				
	Ground Cover Plastic Bag Plants Alternant Hera, Dianella, Iresine (Red), Hemercolis(Daviliv), Duranta etc	No's	13,762	12	165,144
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	17	3,675	62,475
b	Palm 18" pot - Phoenix Palm, Cyrus Palm	No's	22	1,800	39,600
1.8	CREEPERS				
	Providing and planting Creepers as listed and as arrangement and type shown in the Drawings, in pits of size 305mm x 305mm x 305mm. Dug in improved soil 610mm. deep filled by adding 10% cow dung manure and confirming to the criteria outlined in the Specifications, complete in all respects and to the satisfaction of Engineer.				
	Creepers 12" Pot - Bougainvillea, Bonsai, Qusqualus, Bombay Creeper etc.	No's	69	195	13,455
2	HARD LANDSCAPE				
2.1	WALK WAYS				
a	Excavation of walkways and edging including brick ballast under 12"x14" curb stones fixing with 1:2:4 PCC, supply of 7000PSI tuff tiles 60mmas per approved design fixing on 4" brick ballast compacted and grouting with sand.	Sft	2835	150	425,250
2.2	BENCHES				
	Concrete Bench 5' wide complete in all respects and to the satisfaction of Engineer as per approved design.	No's	13	14,698	191,074
2.3	DUSTBINS				
	Complete in all respects and to the satisfaction of Engineer as per approved design.	No's	9	27,700	249,300
2.4	PLAYING EQUIPMENTS				
	Complete in all respects and to the satisfaction of Engineer as per approved design.	No's	1	544,939	544,939
2.5	PLANTERS				
	Concrete planters 2' X 2-1/2' complete in all respects and to the satisfaction of Engineer as per approved design.	No's	12	3,850	46,200
2.6	WATER POINTS (Injector Pump 1HP)	No's	2	45,000	90,000
3	SOFT LANDSCAPE MAINTENANCE (Including maintenance and up keeping of site for 6 months) after development as per specifications and to the satisfaction of Engineer.	Sft	70,875	9.00	637,875
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	276	550	151,800
	Medium Size				
4.2	with keystones fixed with cement with top concrete slab as per design and to the satisfaction of Engineer.	No's	36	550	19,800

**LANDSCAPE DEVELOPMENT WORKS
COST ESTIMATE**

Original				From 1st Revised to onward	
4.3	Small Size with keystones fixed with cement with top concrete slab as per design and to the satisfaction of Engineer.	No's	66	550	36,300
5	GAZEBO Construction of Gazebo 12' X 12' with top fiberglass 3 layer canopy as per approved design and to the satisfaction of Engineer.	No's	1	200,000	200,000
Total Amount of - Landscaping					5,564,554
PRA(16%)					890,329
Design Consultancy					100,000
Grand Total					6,554,883
					6.555

- 4 - 118



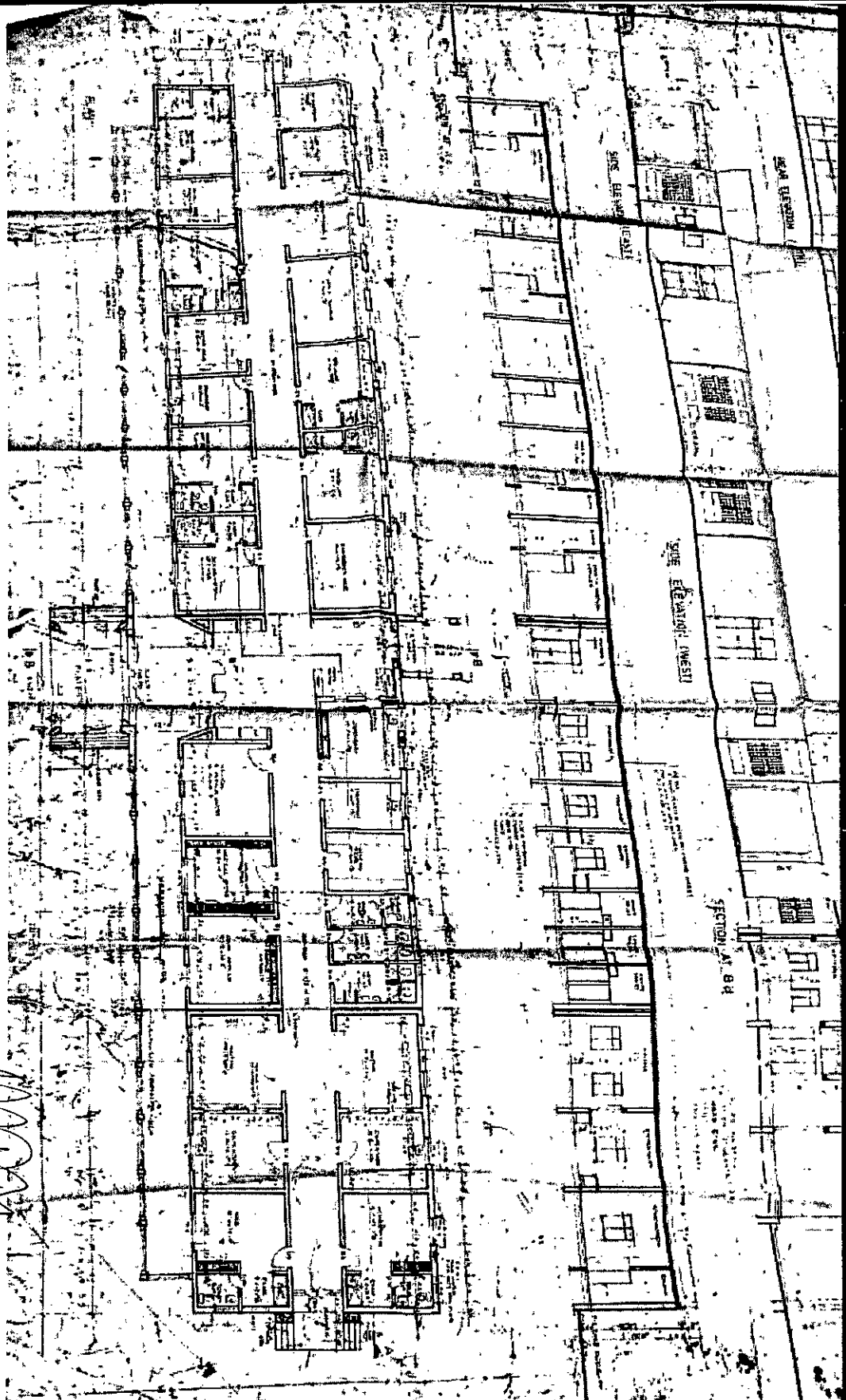
GROUND FLOOR PLAN

[Handwritten signature]

STATEMENT OF AGENCY	
TO DIRECTOR, DEPARTMENT OF INTERNAL SECURITY (IAD)	
FURNISHED FOR USE OF	
WORKING PERSONNEL OF	
DEPARTMENT OF	
INTERNAL SECURITY	
ACQUISITION OF	
INFORMATION	
ACQUISITION OF	
INFORMATION	

207-0424

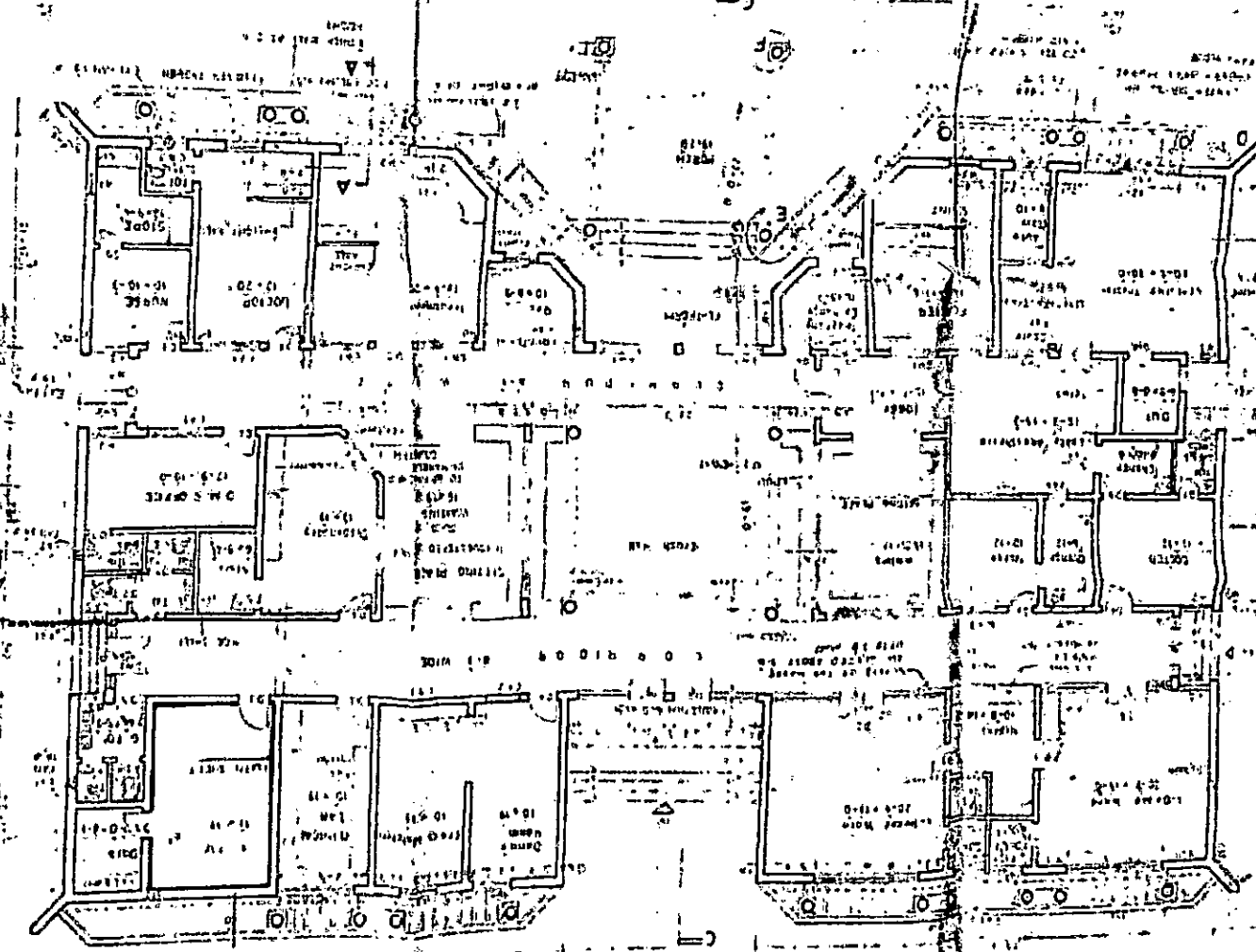
20



Executive Engineer
 Building Division
 LAYAH

STATEMENT OF AREA	
40 BERT, TENSIL HEAD-QUARTER HOSPITAL (STANDARD PLAN) EXTENSIBLE - 100, 60 BEDS WORKING DRAWING OF ONE-DOOR PATIENT BLOCK	
NUMBER OF FLOORS NO. OF FLOORS DATE OF DESIGN DATE OF CONSTRUCTION NAME OF ARCHITECT NAME OF ENGINEER	SCALE 1/8" = 1'-0" DRAWN BY CHECKED BY APPROVED BY DATE
ARCHITECTURE DEPT. BUILDING DIVISION LAYAH	

GROUND FLOOR PLAN



NOTE
 ALL THE BUILDINGS MUST HAVE A MINIMUM OF
 10% OPEN SPACE IN THE SURROUNDING AREA
 BUILDING DIVISION
 LAYAH

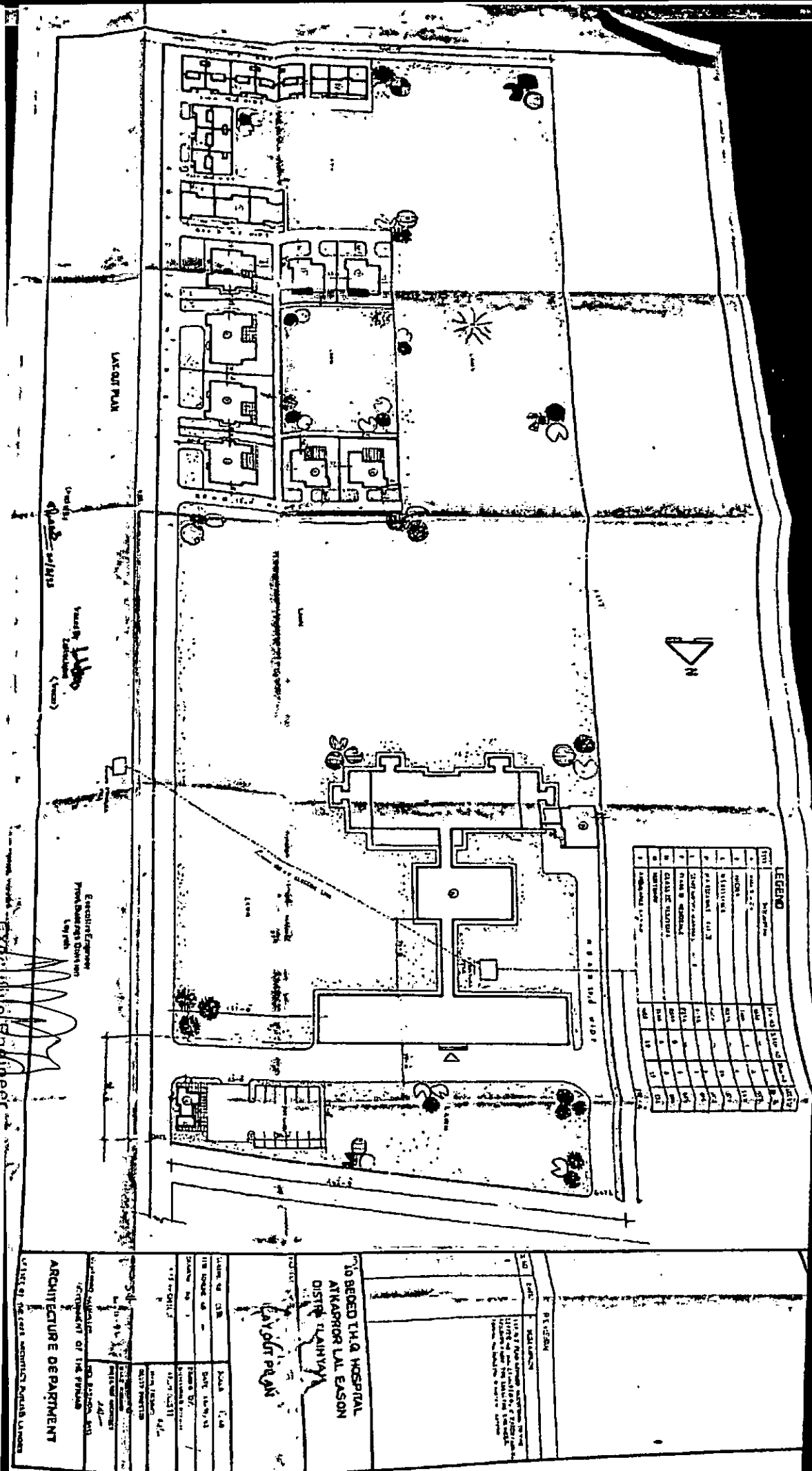
HEALTH CARE DEVELOPMENT
 PROJECT IN PUNJAB
 EMERGENCY ACCIDENT AT
 TEH D.H.O. HOSPITAL
 WORKING DRAWING

SCHEDULE OF AREA
 GROUND FLOOR COVERED AREA 10,000

WINDOWS & C WINDOWS

100-100000

1



**ANALYSIS OF RATE FOR THE ITEM PROVIDING AND FIXING OF WATER COOLER
35 LITER CAPACITY ROADLINK MADE ETC COMPLETE IN ALL RESPECT AS
APPROVED BY THE ENGINEER INCHARGE.**

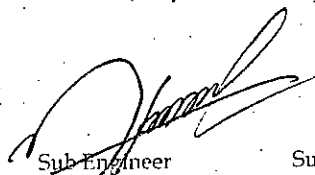
Take 1 NO for analysis purpose.

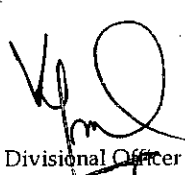
UNIT OF RATE = P-EACH


Sr. No:	DESCRIPTION OF ITEM	QUANTITY	UNIT	RATE	AMOUNT
A) MATERIAL.					
	Cost of Water Cooler 35 1 Gallon Capacity etc complete	1 No	P-Each	60000	60000.00
				TOTAL - A	60000.00
B) LABOUR					
	Fixing & Carriage Charges				1000.00
	10% SUNDRIES				100.00
				TOTAL - B	1100.00
G- TOTAL (A+B)					61100.00
ADD 11% CONTRACROR'S PROFIT + OVER HEAD CHRAGES					6721
OVER ALL TOTAL					67821.0
RATE PER EACH = $\frac{67821}{1}$				67821	
Say Rs:-				67800 EACH	

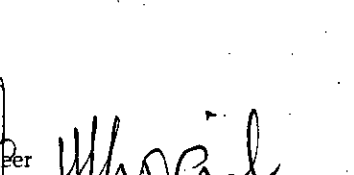
CERTIFICATE

i) Certified that input rate of material and labour for item at Sr. No. and labour rate at Sr. No. Are as per input rates displayed on Website of Finance Department for the BI-ANNUAL 2022 PERIOD (1st JANUARY, 2022 TO 30th JUNE, 2022) DISTRICT LAYYAH as such the rate of Rs: 67,800/- has been applied after ascertaining it from the markets.


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Chowara Karol


Executive Engineer
Buildings Division
Layyah


Superintending Engineer
Buildings Circle
Dera Ghazi Khan

RATE ANALYSIS FOR

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

Unit = P.Rft

Taking = 04-Rft

1st 2022

Sr. No.	DESCRIPTION OF ITEMS		QUANTITY	UNIT	RATE	AMOUNT
A) MATERIAL.						
1	P / O Stainless Steel Sheet 20-SWG	4x5/12	1.667 Sft			
	Add 5% Wastage		0.083 Sft			
			1.75 Sft	P.Sft	550.00	963
	Cost of Rowel Plugs	1x18	18 Nos			
			18 Nos	Each	2.00	36
3	Cost of Stainless Sankan Head Screws 1-1/2" Long	1x8	8 Nos			
			8 Nos	Each	4.00	32
TOTAL - A						1030.50
B) LABOUR						
	i) Labour For Cutting Strip		2 No.	Each	16	32.00
	ii) Labour for Bending Strip		1 No.	(L.S)	30	30.00
	iii) Labour for drilling Hole		8 No.	(L.S)	15	120.00
	iv) Labour for fixing Each angle		1 No.	(L.S)	12	12.00
	10% SUNDRIES					19.40
TOTAL - B						213.40
G- TOTAL (A+B)						1243.90
ADD 20% CONTRACROR'S PROFIT + OVER HEAD CHRAGES						248.78
OVER ALL TOTAL						1492.68
RATE PER Rft =					373.17	
Say Rs: =					373/- P. Rft	

Sub Engineer

Sub Divisional Officer
Buildings Sub Division
Layyah

Executive Engineer
Buildings Division
Layyah

Superintending Engineer
Buildings Circle
Deputy Ghazi Khan

ANALYSIS OF RATE FOR P/F BEST QUALITY FANCY DOOR HANDLE LOCK AS APPROVED BY THE ENGINEER INCHARGE WITH 5" MACHINE (IMPORTED QUALITY)

DETAIL OF COST = 1-NO.

UNIT = EACH

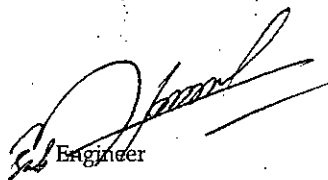
1st Bi-Annual 2022

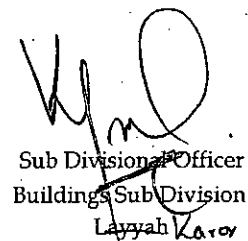
Sr.	Item	Qty		Unit	Rate	Amount
A	Material					
1	DOOR HANDLE LOCK	1	No	Each	3230	3230
					Total "A"	3230
B	Labour					
1	Labour for fixing.					95
					Total "B"	95
C	Miscellance					
1	Sundries Charges.					8.50
					Total "C"	8.50
					Total Cost = "A" + "B" + "C" =	3333.50
	Add 20% Contractor's Profit) on Rs.	3334	/-			666.7
					Grand Total: =	4000.20

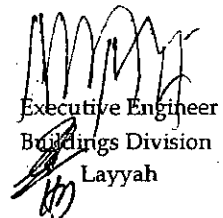
Unit Rate P Sft = 4000.2

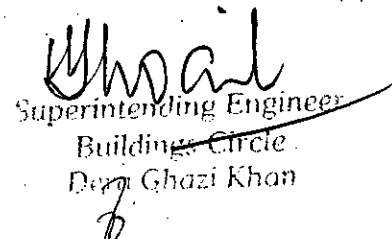
4000 Each

SAY 4000


Engineer


Sub Divisional Officer
Buildings Sub Division
Layyah Karor


Executive Engineer
Buildings Division
Layyah


Superintending Engineer
Building Circle
Derg Ghazi Khan

**ANALYSIS OF RATE FOR PROVIDING AND FIXING OF RCC CONCRETE BENCH
FOR VISITOR SETTING I/C MOSAIC SKIRTING & POLISHING ETC COMPLETE IN
ALL RESPECT AS APPROVED BY THE ENGINEER INCHARGE**

Take 1 NO for analysis purpose.

UNIT OF RATE = P-EACH

Sr. No:	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE	AMOUNT
A) MATERIAL.					
1	Cost of Concrete Bench	1 No	P-Each	6500.00	6500.00
				TOTAL - A	6500.00
B) LABOUR					
	Fixing & Carriage Charges				1500.00
	10% SUNDRIES				150.00
				TOTAL - B	1650.00
G- TOTAL (A+B)					8150.00
ADD 20% CONTRACROR'S PROFIT + OVER HEAD CHRAGES					1630
OVER ALL TOTAL					9780.00
RATE PER EACH = $\frac{9780}{1}$				9780.0	
Say Rs:				9800/- EACH	

CERTIFICATE

i) Certified that input rate of material and labour for item at Sr. No. and labour rate at Sr. No. Are as per input rates displayed on Website of Finance Department for the BI-ANNUAL 2022 PERIOD (1st JANUARY, 2022 TO 30th JUNE, 2022) DISTRICT LAYYAH as such the rate of Rs: 9,800/- has been applied after ascertaining it from the markets.

Sub Engineer

Sub Divisional Officer
Buildings Sub Division
Karor

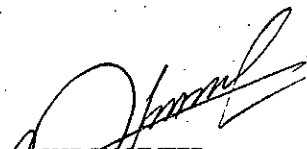
Executive Engineer
Buildings Division
Layyah

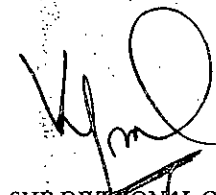
Superintending Engineer
Buildings Circle
Dera Ghazi Khan


Ward	1 x8	x3	x3-1/2	=	84 Sft.
	1 x1	x12	x3-1/2	=	42 Sft.
OPD Block					
W2	1 x26	x4	x5-1/2	=	572 Sft.
W4	1 x9	x6	x5-1/2	=	297 Sft.
HW1	1 x9	x4	x3	=	108 Sft.
HW2	1 x2	x2	x2	=	8 Sft.
Diagonastic Block					
W1	1 x1	x10	x5-1/2	=	55 Sft.
W2	1 x2	x8	x11	=	176 Sft.
W3	1 x2	x6	x5-1/2	=	66 Sft.
W4	1 x9	x4	x5-1/2	=	198 Sft.
HW1	1 x4	x4	x4	=	64 Sft.
Indoor Block					
W4	1 x22	x4	x5-1/2	=	484 Sft.
W2	1 x2	x8	x11	=	176 Sft.
HW1	1 x12	x4	x4	=	192 Sft.
	Total.			=	3257 Sft.

@ Rs.150.00/Sft.
Total

Rs.488550/-
Rs.1805429/-


SUB-ENGINEER


SUB-DIVISIONAL OFFICER
BUILDINGS SUB-DIVISION
KAROR

EXECUTIVE ENGINEER
BUILDINGS DIVISION
LAYYAH


DETAIL OF RECOVERY STATEMENT.

MRS 1st Bi-annual 2022 (1st January 2022 to 30th June 2022 for District Layyah)

1(a) Old kallar eaten Bricks (unservicable)

Received Qty of items No -1

1021 Cft.

Taken 70% Nos of Bricks

1021 Cft. x 70

x1350

= 9648 No. @ Rs.4500.00%0 No. Rs.43416/-

100 100

2 Old kallar eaten Bricks Batts (unservicable)

Received Qty of items No above

1021 Cft.

Taken 30%

1021 Cft. x30

= 306 Cft. @ Rs.1050.00%Cft. Rs.3213/-

100

6 Old wooden Door (Broken and unservicable)

Emergency Block

DW1	1 x4	x5	x7	= 140 Sft.
	1 x4	x4	x7	= 112 Sft.
D4	1 x7	x3	x7	= 147 Sft.
D5	1 x7	x3	x7	= 147 Sft.
D5 A	1 x1	x3	x7	= 21 Sft.
D6	1 x3	x3	x7	= 63 Sft.
D6 A	1 x2	x3	x7	= 42 Sft.
D-3	1 x7	x4	x7	= 196 Sft.
D1	3 x5	x7		= 105 Sft.
D2	3 x5	x7		= 105 Sft.
D7	1 x13	x2-1/2	x7	= 228 Sft.

OPD Block

DW1	1 x1	x17-1/2	x9-1/2	= 166 Sft.
D4	1 x1	x4-1/2	x9	= 41 Sft.
D5	1 x19	x3-1/2	x9	= 599 Sft.
D6	1 x5	x3	x9	= 135 Sft.
D7A	1 x8	x2-3/4	x6-1/2	= 143 Sft.
D7	1 x4	x2-3/4	x6-1/2	= 72 Sft.

Diagonastic Block

DW1	1 x3	x4-1/2	x9	= 122 Sft.
D2	1 x1	x4-1/2	x9	= 41 Sft.
D3	1 x4	x3-1/2	x9	= 126 Sft.
D4	1 x7	x3	x9	= 189 Sft.
D5	1 x1	x2-1/4	x7	= 16 Sft.
D6	1 x2	x2-1/4	x6-1/2	= 29 Sft.

Indoor Block

DW2	1 x2	x8-1/4	x8-1/2	= 140 Sft.
D3	1 x5	x3-1/2	x9	= 158 Sft.
D4	1 x7	x3	x9	= 189 Sft.
D5	1 x8	x2-1/2	x7	= 140 Sft.
D6	1 x10	x2-1/4	x6	= 135 Sft.

OPD Block

DW2	1 x2	x8-3/4	x9-1/2	= 166 Sft.
-----	------	--------	--------	------------

Diagonastic Block

DW2	1 x2	x9	x9	= 162 Sft.
DW3	1 x2	x8	x9	= 144 Sft.

Indoor Block

DW3	1 x2	x8	x8-1/2	= 136 Sft.
-----	------	----	--------	------------

OPD Block

D7	1 x15	x2-3/4	x6-1/2	= 268 Sft.
----	-------	--------	--------	------------

Diagonastic Block

	1 x5	x2-1/4	x7	= 79 Sft.
	1 x2	x2-1/4	x6-1/2	= 29 Sft.

Indoor Block

	1 x20	x2-1/2	x7	= 350 Sft.
		Total.		= 5081 Sft.

@ Rs.250.00/Sft.

Rs.1270250/-

7 Old Wooden windows (Broken and unservicable)

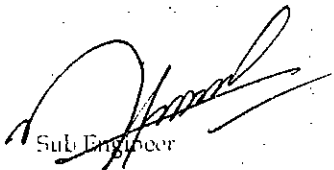
Emergency Block

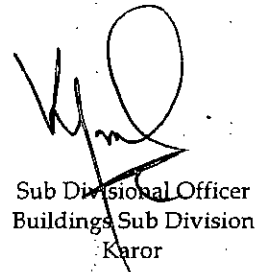
W1 A	1 x1	x12	x4	= 48 Sft.
W1	1 x2	x12	x4	= 96 Sft.
W2	1 x13	x4	x4	= 208 Sft.
W3	1 x2	x6	x4	= 48 Sft.
CW2	1 x13	x4	x1-1/2	= 78 Sft.
W5	1 x1	x7	x8-1/2	= 60 Sft.
W6	1 x1	x2	x4	= 8 Sft.
Fix glass wind sitting	2 x19	x3-1/2		= 133 Sft.

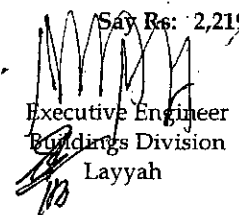
	@	8,020.05	Each	8020
10 Providing and fixing M.S. iron box for housing main switches made of 1.5 mm (1/16") thick M.S. sheet, with locking arrangement, including painting:- ii) 95x40x20 cm (38"x16"x8")				
	@	8,059.45	Each	10 Nos 8059
11 Supply and erection of iron/aluminum clad, 500 volts main switches with kitkat fuses, on angle iron board with 3 mm (1/8") thick M.S. sheet covering, including bonding to earth with necessary flexible pipe and thimbles, etc. c) triple pole with neutral link: iii) 100 Amp.				
	@	5,476.90	Each	1 Nos 547
12 Supply and erection of bus bars, for 500 volts 3 phase A.C. supply with four copper bars, including bridges, on angle iron board, fixed with rag bolts and M.S. sheet box 1.5 mm thick, etc. complete:- i) 60 Amp. with 4 copper bars size 1 1/2"x1/8" (40 x 3				
	@	4,130.65	Each	1 Nos 4131
13 Supply and erection of iron/aluminum clad, branch distribution board, 250 volt, on angle iron frame of suitable size with 3 mm (1/8") M.S. sheet covering:				
	@	1,424.40	Each	1 Nos 142
14 Supply and erection of copper conductor cables for service connection, in prelaidd pipe/G.I. wire/trenches, etc. (rate for cable only):- PVC insulated. PVC sheathed 4 core, 660/1100 volt non armoured cable:-vi) 7/1.63 mm (7/0.064")				
	@	656.95	P.Rft	500 Rft 32847

Total: 215473
Add: 3% Contingency 64642
2219377

Say Rs: 2,219,400


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Karor


Executive Engineer
Buildings Division
Layyah

DETAIL ESTIMATE OF STREET LIGHT

S.No	Description	No	Length	Breadth	Depth	Contents	Amount
------	-------------	----	--------	---------	-------	----------	--------

1	Supplying, installation testing and commissioning of Octagonal shape electric street light pole, made of hot dipped 4.5 mm thick (7 SWG) galvanized steel, tapered from 225 mm at bottom to 100 mm at top, with 1500 mm x 60 mm dia. arm for luminaire installation, duly G.I. welded with 470 x 470 x 20 mm base plate with the help of 4 no triangular stiffeners 100 x 350 x 20 mm of GI sheet, with built in junction box with shutter, i/c the cost of nuts & J-rag bolts, duly fixed in pre-laid concrete foundation, foundation will be paid additionally as approved and directed by the Engineer Incharge. a) Single Arm (i) 10 mtr height						
						10 Nos	
					@	77055.95	Each 770560
2	Excavation in foundation of buildings bridges and other structure i/c dagbelling dressing watering and ramming lead upto one chain and lift upto 5' in orderniry soil.	10 x	2.5 x	2.5 x	1.5 =	94 Cft	820
				@	8,727.85	%0Cft	
3	Cement concrete brick or stone ballast 1-1/2" to 2" guage 1:6:12 ratio.	10 x	2.5 x	2.5 x	0.5 =	31 Cft	4361
				@	14069.10	%Cft	
4	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (f) Ratio 1: 2: 4	10 x	2.5 x	2.5 x	0.5 =	31 Cft	8965
				@	28918.55	%Cft	
5	Supply and erection of PVC pipe for wiring on surface in walls, including inspection boxes, pull boxes, hooks, cutting jharries, and repairing surface, etc., complete with all specials. ii) 3/4" dia. 50mm 2" dia.	10 x	75		- =	750 Rft	119625
				@	159.5	P.Rft	
6	Supply and erection of single core PVC insulated copper conductor cables, in pre-laid PVC pipe/ M.S. conduit/G.I pipe/wooden strip batten/ wooden casing and capping/G.I.wire /trenches (rate for cables only):- a) 250/440 volts, PVC insulated: i) 7/0.036 wire	2 x	10 x	100	- =	2000 Rft	87000
				@	43.50	P.Rft	
	ii) 7/0.044 twin core	2 x	10 x	100	- =	2000 Rft	257400
				@	128.70	P.Rft	
7	Supplying, installation and commissioning of LED Cobra-head Luminaries of specified wattage and lumens conforming to IP 65, Philips/Osram /Thorn with corrosion resistant die casted aluminum housing, silicon gas kit, thermally hardened glass complete with LED drivers, surge protection i/c the cost of all accessories/ components required for proper operation, fully flexible for future upgradation and easy replacements for maintenance purposes, bucket elevator charges as approved and directed by the Engineer Incharge. c) 120 Lm/Watt (i) 30 Watt with 3600 lumens					10 Nos	
					@	40,570.10	Each 405701
9	Farthing of iron clad/aluminium switch etc with G.I pipe 15mm 1/2" dia re-cessed or on surface of all and floor complete girth 1.5 metre long C.I pipe 5-2 dia with reducin g socket 4 to 5 meter below ground level and 2 meter away from building plinth.						

Emerg.B/side 1 x1 x140 x25 x 1/3 = 1166 Cft.
8192 Cft. @Rs.5161.30%Cft Rs.422814/-

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

1 x2 x2690 x 3/4 x 1/8 = 504 Cft.
504 Cft. @Rs.28918.55%Cft Rs.145749/-

8 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. (50% Grey / 50% Coloured) b) 60-mm thick

Front B/W i/side	1 x1	x440	x5	=	2200 Sft.
Front Side	1 x2	x300	x8	=	4800 Sft.
W/side	1 x2	x175	x8	=	2800 Sft.
Old Emerg.side	1 x2	x80	x5	=	800 Sft.
Mosque Front	1 x1	x60	x50	=	3000 Sft.
Ward side	1 x1	x150	x50	=	7500 Sft.
Emerg.B/side	1 x1	x140	x25	=	3500 Sft.

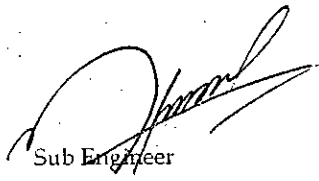
24600 Sft. @Rs.127.40/Sft Rs.3134040/-

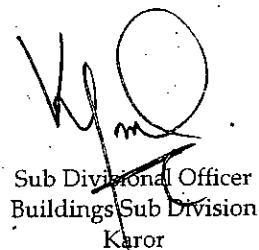
Total Rs.6763057/-

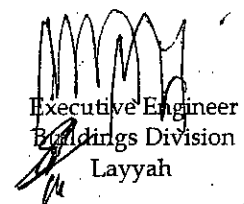
Add: 3% Contingency Rs.202892/-

G.Total Rs.6965949/-

Say Rs.6965900/-


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Karor


Executive Engineer
Buildings Division
Layyah

DETAILED ESTIMATE OF TUFF PAVERS**MRS. 1st BI-ANNUAL-2022 (1st JANUARY-2022 to 30th JUNE-2022) DISTRICT LAYYAH**

- 1 Excavation in foundation of buildings bridges and other structure i/c dagbelling dressing watering and ramming lead upto one chain and lift upto 5' in orderniry soil.

Front B/W i/side	1 x2	x440	=	880 Rft.
Front side M.Ent	1 x2	x300	=	600 Rft.
West side	1 x2	x175	=	350 Rft.
Old Emg.Side	1 x2	x80	=	160 Rft.
Mosque Front	1 x2	x60	=	120 Rft.
Ward side	1 x2	x150	=	300 Rft.
Emerg B/side	1 x2	x140	=	280 Rft.
			=	<u>2690 Rft.</u>

1 x2 x2690 x2-1/2 x2 = 26900 Cft.

26900 Cft. @Rs.8727.85%oCft Rs.234779/-

- 2 Dry rammed brick or stone ballast 1-1/2" to 2" gauge in f & plinth.

1 x2 x2690 x2-1/2 x 1/2 = 6725 Cft.

6725 Cft. @Rs.4474.80%oCft Rs.300930/-

- 3 Filling watering ramming earth under floor with surplus earth from foundation.

Take 2/3 Qty as per It.No.1 26900 x 2/3 = 17915 Cft.

17915 Cft. @Rs.4197.60%oCft Rs.75200/-

- ii Filling watering ramming earth in floor with new earth excavated from outside lead upto one mile.

Front B/W i/side	1 x1	x440	x5	x1	=	2200 Cft.
Front Side	1 x2	x300	x8	x1	=	4800 Cft.
W/side	1 x2	x175	x8	x1	=	2800 Cft.
Old Emerg.side	1 x2	x80	x5	x1	=	800 Cft.
Mosque Front	1 x1	x60	x50	x1	=	3000 Cft.
Ward side	1 x1	x150	x50	x1	=	7500 Cft.
Emerg.B/side	1 x1	x140	x25	x1	=	3500 Cft.
					=	<u>24600 Cft.</u>

D/d Surplus earth. (-) = 17915 Cft.

6685 Cft. @Rs.13219.05%oCft Rs.88369/-

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

1 x2 x2690 x1-1/8 x 1/4 = 1513 Cft.

1 x2 x2690 x 3/4 x2 = 8070 Cft.

9583 Cft. @Rs.22294.20%oCft Rs.2136453/-

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

Front B/W i/side 1 x1 x440 x5 x 1/3 = 733 Cft.

Front Side 1 x2 x300 x8 x 1/3 = 1598 Cft.

W/side 1 x2 x175 x8 x 1/3 = 932 Cft.

Old Emerg.side 1 x2 x80 x5 x 1/3 = 266 Cft.

Mosque Front 1 x1 x60 x50 x 1/3 = 999 Cft.

Ward side 1 x1 x150 x50 x 1/3 = 2498 Cft.

Emerg.B/side 1 x1 x140 x25 x 1/3 = 1166 Cft.

8192 Cft. @Rs.2743.20%oCft Rs.224723/-

- 6 Providing and laying brick or stone ballast 1-1/2" to 2" gauge mixed with 25% sand for floor foundation.

Front B/W i/side 1 x1 x440 x5 x 1/3 = 733 Cft.

Front Side 1 x2 x300 x8 x 1/3 = 1598 Cft.

W/side 1 x2 x175 x8 x 1/3 = 932 Cft.

Old Emerg.side 1 x2 x80 x5 x 1/3 = 266 Cft.

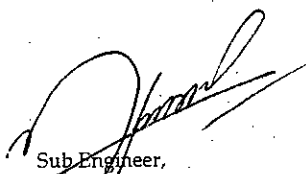
Mosque Front 1 x1 x60 x50 x 1/3 = 999 Cft.

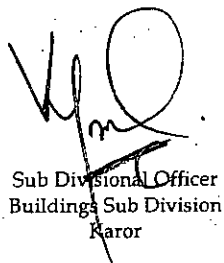
Ward side 1 x1 x150 x50 x 1/3 = 2498 Cft.

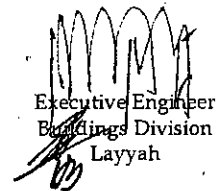
165

DETAIL ESTIMATE FOR PPRC PIPE 25mm & 32mm DIA

No.	DESCRIPTION	UNIT	AMOUNT
	1 Providing, laying, testing and commissioning of POLYPROPYLENERANDOMCOPOLYMER(PPRC) water supply pipe made of (Dadex/Popular/Beta /BBJ)with specified pressure rating PN (PRESSURE NOMINAL) and conforming to DIN 8077-8078 code i/c cost of solvent, specials, making jharries complete in all respect as approved and directed by Engineer Incharge (Internal/External Diameters mentioned) b)PN-20 pipe ii)(3/4") 25 mm		
	1 x 1000.	=	1000.00 Rft.
	Total: -	=	1000.00 Rft. @Rs.53.55/Rft
			Rs.53550/-
	ii) 1" dia 32 mm.		
	1 x 900	=	900.00 Rft.
	Total: -	=	900.00 Rft. @Rs.85.80/Rft
			Rs.77220/-
			G.Total
			Rs.130770/-


Sub Engineer,

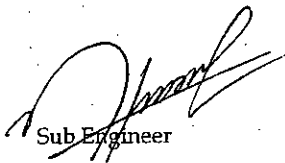

Sub Divisional Officer
Buildings Sub Division
Karor

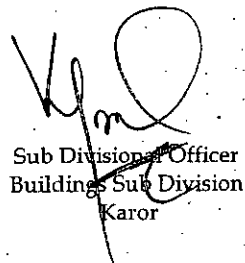

Executive Engineer
Buildings Division
Layyah

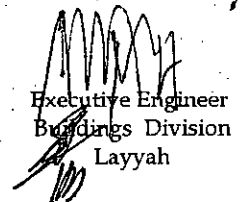
DETAILED ESTIMATE FOR WATER SUPPLY**GENERAL ABSTRACT OF COST**

- i) PPRC Pipe
i) 25& 32mm" dia.

Total = Rs.130770/-
Rs.130770/-
Say Rs.130800/-

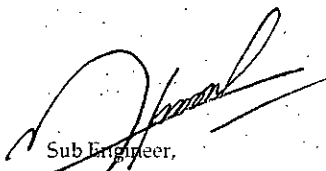

Sub Engineer

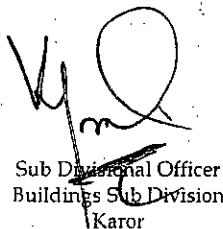

Sub Divisional Officer
Buildings Sub Division
Karor

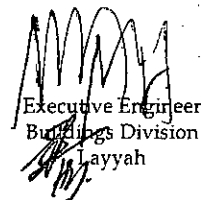

Executive Engineer
Buildings Division
Layyah

DETAIL ESTIMATE FOR RCC PIPE 9" DIA

No.	DESCRIPTION	UNIT	AMOUNT
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		
	i) 9" dia.		
	1 x 900 x 2-1/2 x 3	=	6750 Cft.
	ii) 12" dia.		
	1 x 3500 x 2-1/2 x 3	=	26250 Cft.
	Total:-	=	33000 Cft. @Rs.7272.55%oCft Rs.239994/-
2	Providing and laying R.C.C. pipe, moulded with cement concrete 1:1 1/2:3, with spigot socket or collar joint, etc. including cost of reinforcement, conforming to B.S. Part I: 1981, Class "L" including carriage of pipe from factory to site of work, lowering in trenches to correct alignment and grade, jointing, cutting pipes where necessary, finishing and testing, etc., complete.		
	i) 9" dia.	1 x 900	= 900 Rft.
	Total:-	=	900 Rft. @Rs.436.70/Rft Rs.393030/-
	ii) 12" dia.	1 x 3500	= 3500 Rft.
	Total:-	=	3500 Rft. @Rs.637.05/Rft Rs.2229675/-
3	Rehandling of earthwork:a) Lead upto a single throw of Kassi, phaorah or shovel		
	i) 9" dia.		
	1 x 900 x 2-1/2 x 3	=	6750 Cft.
	ii) 12" dia.		
	1 x 3500 x 2-1/2 x 3	=	26250 Cft.
	Total:-	=	33000 Cft. @Rs.2059.20%oCft Rs.67954/-
		G.Total	Rs.2930653/-

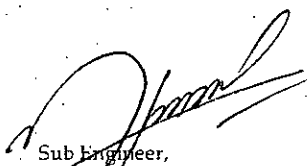

Sub Engineer,

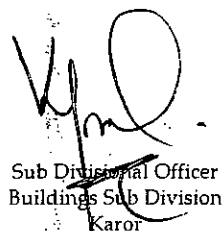

Sub Divisional Officer
Buildings Sub Division
Karor

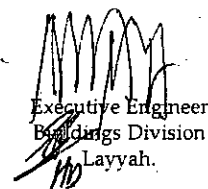

Executive Engineer
Buildings Division
Layyah

DETAIL ESTIMATE FOR RCC PIPE 6" DIA

No.	DESCRIPTION	UNIT	AMOUNT
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 i) 6" dia.		
	1 x 192 x 1-1/2 x 1-1/2 =	432 Cft.	
	Total: -	=	432 Cft. @Rs.7272.55%oCft Rs.3142/-
2	Providing and laying R.C.C. pipe, moulded with cement concrete 1:1½:3, with spigot socket or collar joint, etc. including cost of reinforcement, conforming to B.S. Part I: 1981, Class "L" including carriage of pipe from factory to site of work, lowering in trenches to correct alignment and grade, jointing, cutting pipes where necessary, finishing and testing, etc., complete.		
	16 x 12 =	192 Rft.	
	Total: -	=	192 Rft. @Rs.226.95/Rft Rs.43574/-
3	Rehandling of earthwork:a) Lead upto a single throw of Kassi, phaorah or shovel i) 6" dia.		
	16 x 12 x 1-1/2 x 1-1/2 =	432 Cft.	
	Total: -	=	432 Cft. @Rs.2059.20%oCft Rs.890/-
		G.Total	Rs.47606/-

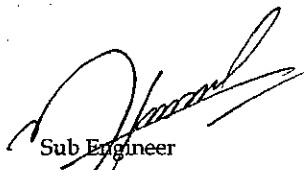

Sub Engineer,


Sub Divisional Officer
Buildings Sub Division
Karor

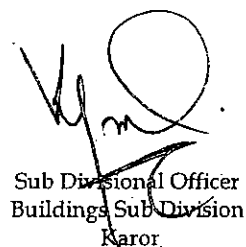

Executive Engineer
Buildings Division
Layyah.

DETAILED ESTIMATE FOR SEWERAGE SYSTEM**GENERAL ABSTRACT OF COST**

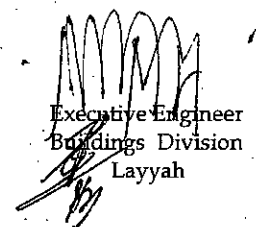
1 Man hole	Rs.1319710/-
2 RCC Pipe	
i) 6" dia.	Rs.47606/-
ii) 9" dia,12" dia.	Rs.2930653/-
iii) Septic Tank	Rs.382800/-
iv) Collecting Tank	Rs.677000/-
Total =	Rs.5357769/-
Say	Rs.5357800/-



Sub Engineer



Sub Divisional Officer
Buildings Sub Division
Karor

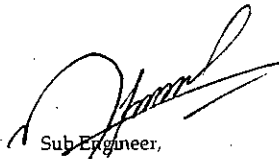


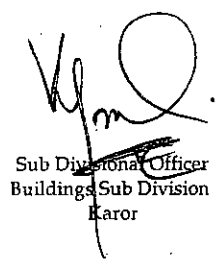
Executive Engineer
Buildings Division
Layyah

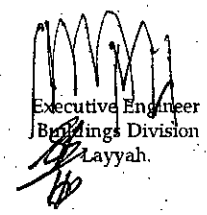
50 x 2 x 1-1/4 x 0.667 x 0.454 = 37.85 Kgs.
Total: - = 972.80 Kg. @Rs.25948.05%Kgs Rs.252423/-

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

1 x 50 = 50.00 No.
Total: - = 50.00 No. @Rs.5684.00/Each Rs.284200/-
G.Total Rs.1319710/


Sub Engineer,


Sub Divisional Officer
Buildings Sub Division
Karor


Executive Engineer
Buildings Division
Layyah.


DETAIL ESTIMATE FOR THE WORK CONSTRUCTION OF MAN HOLE SIZE 3 x 2-1/2'


No.	DESCRIPTION	UNIT	AMOUNT
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		
	50 x 5 x 5-1/2 x 3	=	4125 Cft.
	Total: -	=	4125 Cft @Rs.7272.55%oCft Rs.29999/-
2	Dry rammed brick or stone ballast 1 1/2 " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:-		
	50 x 5 x 5-1/2 x 1/2	=	688 Cft.
	Total: -	=	688 Cft @Rs.4474.80%Cft Rs.30764/-
3	Pacca brick work with cement sand mortar in 1:4 ratio in other than buildings.		
L/W	50 x 2 x 4-1/2 x 3/4 x 3-1/2	=	1181 Cft.
	50 x 2 x 2-1/2 x 3/4 x 3-1/2	=	656 Cft.
	Total: -	=	1837 Cft @Rs.24350.15%Cft Rs.447312/-
4	1/2" thick Cement sand plaster in 1:4 C.M.		
	50 x 2 x (2-1/2 + 3) x 3	=	1650 Sft.
	50 x 2 x (2-1/2 + 4-1/2) x 3/4	=	525 Sft.
	50 x 2 x (4 + 5-1/2) x 1-1/2	=	1425 Sft.
	Total: -	=	3600 Sft. @Rs.2591.50%Sft Rs.93294/-
5	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (f) Ratio 1: 2: 4		
	1 x 50 x 3 x 2-1/2 x 1/8	=	47 Cft.
	Total: -	=	47.00 Cft @Rs.28918.55%Cft Rs.13592/-
6	Extra for making and finishing benching floor work in manhole chamber, with 1/8" (3 mm) thick cement finishing.		
	1 x 50 x 2-1/2 x 3	=	375.00 Sft.
	Total: -	=	375.00 Sft. @Rs.2308.90%Sft Rs.8658/-
7	Providing and laying reinforced cement concrete in roof slab, beams, columns, lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- (3) (c) Type C (nominal mix 1: 2: 4)		
	1 x 50 x 4 x 4-1/2 x 3/8	=	338.00 Cft.
	Total: -	=	338.00 Cft @Rs.471.80/Cft Rs.159468/-
8	Fabrication of mild steel reinforcement for cement concrete i/c cutting, bending, laying in position, making joints and fastenings, i/c cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars). Deformed bars.		
	50 x 6 x 4-3/8 x 0.667 x 0.454	=	397.45 Kgs.
	50 x 8 x 3-7/8 x 0.667 x 0.454	=	469.37 Kgs.
	50 x 3 x 1-1/2 x 0.667 x 0.454	=	68.13 Kgs.

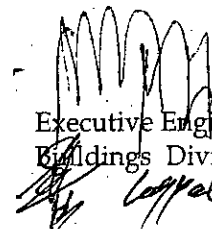
DETAILED ESTIMATE FOR SEWERAGE AND WATER SUPPLY.

GENERAL ABSTRACT OF COST

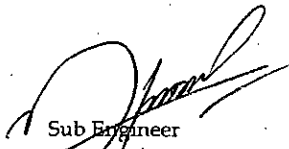
i) Sewerage System	Rs.5357769/-
ii) Water Supply	Rs.130800/-
iii) Tuff Pavers	Rs.6965900/-
iv) Street Light	Rs.2219400/-
Total	Rs.14673869/-
Say	Rs.14673900/-

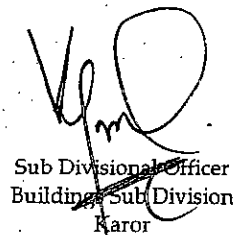

Sub Engineer

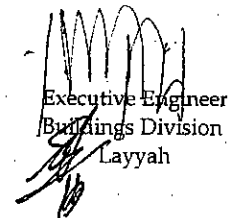

Sub Divisional Officer
Buildings Sub Division
Karor


Executive Engineer
Buildings Division

1 x 1	x 30	x 30	x 1/3	=	300 Cft	
Total				=	300 Cft @ 5161.30% Cft	Rs.15484/-
8 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. (50% Grey / 50% Coloured) b) 60-mm thick						
1 x 30	x 30			=	900 Sft	
				=	900 Sft @ 127.40/Sft	Rs.114660/-
9 Preparing surface and painting to doors and windows any type (including edges):- 3-coats new surface.						
1	x 1	x 20	x 20	=	400 Sft	
Total				=	400 Sft @ 2242.30% Sft	Rs.8969/-
10 Cement plaster 1:4 upto 20' (6.00 m) height:- a) 1/2" (13 mm) thick						
1 x 4	x 31-1/2	x 2		=	252 Sft.	
				=	252 Sft. @ 2242.30% Sft	Rs. 5651/-
TOTAL						Rs.620949/-
Add: 3% Contingency						Rs.18628/-
Say =						Rs. 639601


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Karor


Executive Engineer
Buildings Division
Layyah

**ROUGH COST ESTIMATE ON DETAILED BASIS FOR THE "PROVISION OF CAR PARKING SHE
I/C FIBER BENCHES.**

(MRS)1st BI-ANNUAL-2022(1ST January TO 30th June) District Laysah

1 Excavation in foundation of buildings, bridges and other structures including dag-belling, dressing, refilling around the structures with excavated earth, watering and ramming lead upto one chain and lift upto 5 feet in ordinary soil.

	2 x32-3/8	x2-1/2	x1-1/2	=	243 Cft.	
	2 x29-1/4	x2-1/2	x1-1/2	=	219 Cft.	
RCC Pillar	8 x 1-1/4	x 1-1/4	x 2	=	25 Cft	
			Total	=	487 Cft @ 8727.85%oCft	Rs.4250/-

2 Dry rammed brick or stone ballast 1-1/2" to 2" gauge in f & plinth.

	2 x32-3/8	x2-1/2	x 1/2	=	81 Cft.	
	2 x29-1/4	x2-1/2	x 1/2	=	73 Cft.	
RCC Pillar	8 x 1-1/4	x 1-1/4	x 1/2	=	6 Cft	
			Total	=	160 Cft @ 4474.80%oCft	Rs.7160/-

3 Pacca brick work with cement sand mortar in foundation and plinth.i) Ratio 1:6

	2 x31-7/8	x1-1/2	x 1/4	=	24 Cft.	
	2 x31-1/2	x1-1/8	x2-1/2	=	177 Cft.	
	2 x29-5/8	x1-1/2	x 1/4	=	22 Cft.	
	2 x30	x1-1/8	x2-1/2	=	169 Cft.	
			Total.	=	392 Cft. @Rs.22294.20%oCft	Rs. 87393/-

4 Filling, watering, ramming, earth under floor with i) with surplus earth from foundation, etc.

Take 2/3 of It.No.1	487	x 2/3	=	324 Cft	
		Total.	=	324 Cft. @Rs.4197.60%oCft	Rs. 1360/-

ii) Filling, watering, ramming, earth under floor with ii) New earth excavated from out side lead up to one mile.

	1 x30	x30	x2	=	1800 Cft.	
			Total.	=	1800 Cft.	

Deduction.

Surplus Earth

Net Qty.	1800	(-) 324	=	324 Cft.	
			=	1476 Cft. @Rs.13219.05%oCft	Rs. 19511/-

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

	2 x31-1/2	x1-1/8	x 1/8	=	9.00 Cft.	
	2 x30	x1-1/8	x 1/8	=	8.44 Cft.	
	8 x 1-1/4	x 1-1/4	x 2-1/2	=	31.25 Cft	
				=	48.69 Cft @ 28918.55%oCft	Rs.14080/-

6 Supply and Erection of Car Parking Shed consisting of 3 mm thick fiber glass sheet roof (3-layers) fixed / riveted on moulded curved frame of M.S box pipe 1-1/2"x1-1/2"x16-SWG supported on trusses of MS angle iron 1-1/2"x1-1/2"x3/16" all around duly supported on M.S sheet 6"x6"x1/4" welded on GI pipe post (Medium Quality) of specified diameter embedded in P.C.C (1:2:4) i/c the cost of excavation, cutting straightening assembling, bending as per design, welding / grinding of joints and painting three coats complete in all respect as approved and directed by the Engineer Incharge. (i) 4" dia GI Pipe Supports.

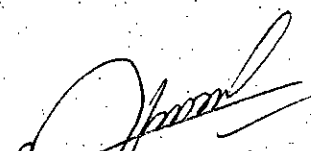
	1 x 24	x 21	=	504.00 Sft	
	2 x 1-5/6	x 21	=	76.99 Sft	

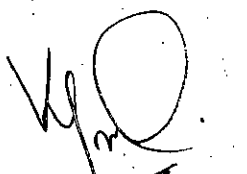
Add: 8% wastage


Total	=	580.99 Sft	
		46.00 Sft	
G.Total.	=	626.99 Sft @ 546.15/Sft	Rs.342431/-

7 Providing and laying brick or stone ballast 1-1/2" to 2" gauge mixed with 25% sand for floor foundation.

17 Supply and erection of copper conductor cables for service connection, in pre-laid Pipe/G.I. wire/ trenches, etc. (rate for cable only):- a) PVC insulated, PVC sheathed Twin core, 250/440 volts. vi) 7/1.63 mm (7/0.064")	2 x10	x30	Total	=	600 Rft.	
				=	600 Rft. @Rs.245.65/Rft	Rs. 147390/-
18 Supply and erection of single core PVC insulated copper conductor cables, in pre-laid PVC pipe/M.S. conduit/G.I pipe/ wooden strip batten/ wooden casing and capping/G.I.wire /trenches (rate for cables only):- a) 250/440 volts, PVC insulated: i) 7/0.74 mm (7/0.029")	2 x10	x30	Total	=	600 Rft.	
				=	600.0 Rft @ 32.25/Rft	Rs.19350/-
19 Supply and erection of teak wood board, 4.5 cm (1 3/4") thick. i) 17.5 x 10 cm (7"x4")	1 x1	x3	Total	=	3 No	
				=	3.00 No @ 124.25/Each	Rs.373/-
20 Supply & Erection of switch piano type 5 Amp.	1 x1	x25	Total	=	25 No	
				=	25.00 No @ 60.70/Each	Rs.1518/-
21 Supply and Erection of button holder backlite large size.	1 x1	x10	Total	=	10 No	
				=	10.00 No @ 45.35/Each	Rs.454/-
22 Supply and erection of 3 pin. 5 Amp wall socket.	1 x1	x5	Total	=	5 No	
				=	5.00 No @ 76.10/Each	Rs.381/-
23 Providing and fixing of LED 18 Watts etc complete in all respect as approved by the Engineer Incharge.	1 x1	x10	Total	=	10 No	
				=	10.00 No @ 550.00/Each	Rs.5500/-
24 Providing and fixing of LED /Search Light 45 Watts etc complete in all respect as approved by the Engineer Incharge.	1 x1	x5	Total	=	5 No	
				=	5.00 No @ 4500.00/Each	Rs.22500/-
25 Supply and erection of 3/8" (10 mm) dia M.S. bar fan hook, placed at the time of casting of slab.	1 x1	x10	Total	=	10 No	
				=	10.00 No @ 57.15/Each	Rs.572/-
26 Providing and fixing Porcelain type power plug 3 pin 30/35 Amp etc complete in all respect as approved by the Engineer Incharge.	1 x1	x5	Total	=	5 No	
				=	5.00 No @ 370.00/Each	Rs.1850/-
27 Providing and fixing gun metal peet/gate valve (screwed):- i) 30 mm (1 1/4") dia	1 x1	x2	Total	=	2 No	
				=	2.00 No @ 4431.30/Each	Rs.8863/-
TOTAL						Rs.1114668/-
Add: 3% Contingency						Rs.33440/-
Say =						Rs. 1148100/-


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Karor


Executive Engineer
Buildings Division
Layyah

G.Total.

626.99 Sft @ 546.15/Sft

7 Providing and laying brick or stone ballast 1-1/2" to 2" guage mixed with 25% sand for floor foundation.

= 300 Cft

$$= 300 \text{ Cft} @ 5161.30\% \text{Cft}$$

Rs.15484/-

8 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. (50% Grev / 50% Coloured) b) 60-mm thick

= 900 Sft

900 Sft @ 127.40/Sft

Rs.114660/-

9 Preparing surface and painting to doors and windows any type (including edges):- 3-coats new surface.

= 400 Sft

400 Sft @ 2242.30% Sft

Rs.8969/-

10 Cement plaster 1:4 upto 20' (6.00 m) height:- a) $\frac{1}{2}$ " (13 mm) thick

252 Sft.

= 252 Sft. @ 2591.50% Sft

Rs. 6531/-

11 Cost of Concrete Benches Size 4x2x3

= 10 No.

10-No @ 9800.00/Each

Rs.98000/-

12 Providing and fixing of Cannon Water Cooler 35 Liters Capacity i/c Connection etc complete in all respect as approved by the Engineer Incharge.

2 No.

2 No @ 67800.00/Each

Rs.135600/-

13 Providing and fixing of Ceiling Fan 56" sweep
GFC/Pak/Royal/Youris etc complete in all respect as
approved by the Engineer Incharge.

10 No.

10 No @ 6000.00/Each

Rs.60000/-

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

10 No.

10 No @ 384.35/Each

Rs.3844/-

15 Supply and erection of PVC pipe for wiring on surface in walls, including inspection boxes, pull boxes, hooks, cutting jharries, and repairing surface, etc., complete with all specials. ii) 3/4" dia.

= 200 Rft.

= 200 Rft. @Rs.43.85/Rft

Rs. 8770/-

16 Providing, laying, testing and commissioning of POLYPROPYLENERANDOMCOPOLYMER(PPRC)water supply pipe made of (Dadex/Popular/Beta /BBJ)with specified pressure rating PN (PRESSURE NOMINAL) and conforming to DIN 8077-8078 code i/c cost of solvent, specials, making jharries complete in all respect as approved and directed by Engineer Incharge (Internal/External Diameters mentioned) b)PN-20 pipe ii)(3/4") 25 mm

= 200 Rft.

= 200 Rft. @Rs.53.55/Rft

Rs. 10710/-

iii) (1") 32 mm

= 100 Rft.

= 100 Rft. @Rs.85.80/Rft

Rs. 8580/-

(5)

**ROUGH COST ESTIMATE ON DETAILED BASIS FOR THE "PROVISION OF WAITING SHED
I/C FIBER BENCHES.**

(MRS)1st BI-ANNUAL-2022(1ST January TO 30th June) District Layyah

1 Excavation in foundation of buildings, bridges and other structures including dag-belling, dressing, refilling around the structures with excavated earth, watering and ramming lead upto one chain and lift upto 5 feet in ordinary soil.

	2 x32-3/8	x1-1/2	x1-1/2	=	146 Cft.	
	2 x29-1/4	x1-1/2	x1-1/2	=	132 Cft.	
RCC Pillar	8 x 1-1/4	x 1-1/4	x 2	=	25 Cft	
	Total			=	303 Cft @ 8727.85%oCft	Rs.2645/-

2 Dry rammed brick or stone ballast 1-1/2" to 2" gauge in f & plinth.

	2 x32-3/8	x1-1/2	x 1/2	=	49 Cft.	
	2 x29-1/4	x1-1/2	x 1/2	=	44 Cft.	
RCC Pillar	8 x 1-1/4	x 1-1/4	x 1/2	=	6 Cft	
	Total			=	99 Cft @ 4474.80%oCft	Rs.4430/-

3 Pacca brick work with cement sand mortar in foundation and plinth.i) Ratio 1:6

	2 x31-7/8	x1-1/8	x 1/4	=	18 Cft.	
	2 x31-1/2	x 3/4	x2-1/2	=	118 Cft.	
	2 x29-5/8	x1-1/8	x 1/4	=	17 Cft.	
	2 x30	x 3/4	x2-1/2	=	113 Cft.	
	Total.			=	266 Cft. @Rs.22294.20%oCft	Rs. 59303/-

4 Filling, watering, ramming, earth under floor with i) with surplus earth from foundation, etc.

Take 2/3 of It.No.1	303	x 2/3	=	201 Cft	
	Total.		=	201 Cft. @Rs.4197.60%oCft	Rs. 844/-

ii Filling, watering, ramming, earth under floor with ii) New earth excavated from out side lead up to one mile.

	1 x30	x30	x1-2/7	=	1163 Cft.	
	Total.			=	1163 Cft.	

Deduction.

Surplus Earth

Net Qty.	1163	(-)	201	=	962 Cft. @Rs.13219.05%oCft	Rs. 12717/-
----------	------	-----	-----	---	----------------------------	-------------

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

	2 x31-1/2	x 3/4	x 1/8	=	6.00 Cft.	
	2 x30	x 3/4	x 1/8	=	5.63 Cft.	
	8 x 1-1/4	x 1-1/4	x 2-1/2	=	31.25 Cft	
				=	42.88 Cft @ 28918.55%oCft	Rs.12399/-

6 Supply and Erection of Car Parking Shed consisting of 3 mm thick fiber glass sheet roof (3-layers) fixed / riveted on moulded curved frame of M.S box pipe 1-1/2"x1-1/2"16-SWG supported on trusses of MS angle iron 1-1/2"x1-1/2"x3/16" all around duly supported on M.S sheet 6"x6"x1/4" welded on GI pipe post (Medium Quality) of specified diameter embedded in P.C:C (1:2:4) i/c the cost of excavation, cutting straightening assembling, bending as per design, welding / grinding of joints and painting three coats complete in all respect as approved and directed by the Engineer Incharge. (i) 4" dia GI Pipe Supports

	1 x 24	x 21	=	504.00 Sft	
	2 x 1-5/6	x 21	=	76.99 Sft	
	Total		=	580.99 Sft	

8 1/2" thick cement sand plaster on walls upto 20' heights in 1:4 C.M Ratio.

Pillars 3 x 4 x 2-1/4 x 12-1/2

5.70 Cft @ 28918.55% Cft Rs.1648/-

= 113 Sft

= 113 Sft @ 2591.50% Sft Rs.2915/-

9 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: a) new surface: 3 coats.

Pillars 3 x 4 x 2-1/4 x 12-1/2

= 113 Sft

= 113 Sft @ 4685.25% Sft Rs.5271/-

10 Making and fixing steel grated door with 1/16" thick (1.5mm) sheeting, including angle iron frame 2"x2"x3/8"(50x50x10 mm) and 3/4" (20 mm) square bars 4" (100 mm) centre to centre, with locking arrangement

1 x 12 x 10

= 120 Sft

1 x 4 x 10

= 40 Sft

160 Sft @ 2035.40/Sft Rs.325664/-

11 Preparing surface and painting to doors and windows any type (including edges):- 3-coats new surface.

1 x 2 x 12 x 10

= 240 Sft

1 x 2 x 4 x 10

= 80 Sft

Total

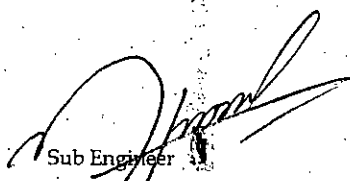
= 320 Sft @ 2242.30% Sft Rs.7175/-

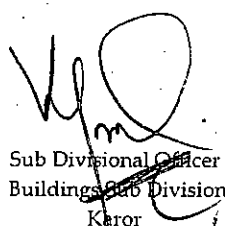
TOTAL Rs.431733/-

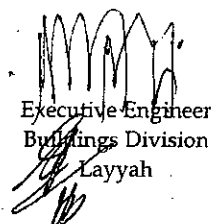
Add: 3% Contingency Rs.12952/-

Say = Rs. 444700/-

Say = Rs. 444,700/-


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Karor


Executive Engineer
Buildings Division
Layyah

DETAILED ESTIMATE FOR CONSTRUCTION OF GATE AND GATE PILLARS (12")
MRS 1st Bi-annual 2022 (1st January 2022 to 30th June 2022 for District Layyah)

1 Excavation in foundation of buildings, bridges and other structures including dag-belling, dressing, refilling around the structures with excavated earth, watering and ramming lead upto one chain and lift upto 5 feet in ordinary soil.

Pillors	3	x 4	x 4	x 3	=	144 Cft	
Total					=	144 Cft @ 8727.85%oCft	Rs.1257/-

2 Cement concrete brick or stone ballast 1-1/2" to 2" gauge in f & plinth. (i) 1:6:12 Ratio.

Pillors	3	x 4	x 4	x 1/2	=	24 Cft	
Total					=	24 Cft @ 14069.10%oCft	Rs.3377/-

3 R.C.C. work in slab of rafts/strip foundation, base slab of coloumns and retaining walls etc. without shuttering. 1:2:4

Foundation	3	x 3	x 3	x 1/2	=	14 Cft	
coloumns	3	x 3/4	x 3/4	x 13-1/2	=	23 Cft	
					=	37 Cft @ 350.30/Cft	Rs.12961/-

4 Pacca brick work with cement sand mortar in foundation and plinth.i) Ratio 1:6

Pillars	3	x 2	x 2-1/4	x 3/4	x 4	=	41 Cft	
	3	x 2	x 3/4	x 3/4	x 4	=	14 Cft	
				Total	=	55 Cft @ 22294.20% Cft	Rs.12262/-	

ii Pacca brick work with cement sand mortar in other than buildings upto 10' height. .i) Ratio 1:5

Pillars	3	x 2	x 2-1/4	x 3/4	x 10-1/2	=	106 Cft	
	3	x 2	x 3/4	x 3/4	x 10-1/2	=	35 Cft	
					Total	=	141 Cft @ 23682.95% Cft	Rs.33393/-

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

Col.	3	x 4	x 13-1/2	x 0.667	x 0.454	=	49 Kg	
Ring	3	x 18	x 2-3/4	x 0.375	x 0.454	=	25 Kg	
Raft	3	x 8	x 3	x 0.667	x 0.454	=	22 Kg	
							96.00 Kg @ 25948.05%oKg	Rs.24910/-

6 Providing and laying damp proof course of cement concrete 1:2: 4(using cement, sand and shingle), including bitumen coating :- (b) with 2 coats of bitumen: i) 1 1/2" thick (40 mm)

Pillars	3	x 2	x 2-1/4	x 3/4	=	10 Sft	
	3	x 2	x 3/4	x 3/4	=	3 Sft	
						13 Sft @ 6925.80%oCft	Rs.900/-

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

Pillars	3	x 2-1/4	x 2-1/4	x 3/8	=	5.70 Cft	
---------	---	---------	---------	-------	---	----------	--

ANALYSIS OF RATE FOR THE ITEM PROVIDING AND FIXING OF CHILLAR BEST QUALITY ETC COMPLETE IN ALL RESPECT AS APPROVED BY THE ENGINEER INCHARGE.

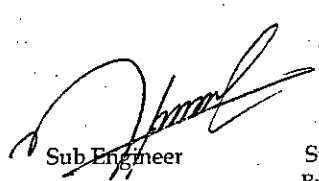
Take 1 NO for analysis purpose.

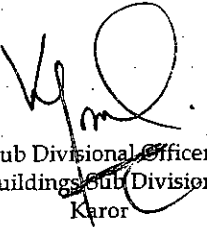
UNIT OF RATE = P-EACH

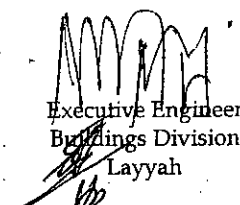
Sr. No.	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE	AMOUNT
A) MATERIAL.					
1	Cost of Chillar	1 No	P-Each	300000	300000.00
				TOTAL - A	300000.00
B) LABOUR					
	Fixing & Carriage Charges				5000.00
	10% SUNDRIES				500.00
				TOTAL - B	5500.00
G- TOTAL (A+B)					305500.00
ADD 5% CONTRACROR'S PROFIT + OVER HEAD CHRAGES					33605
OVER ALL TOTAL					339105.0
RATE PER EACH = $\frac{339105}{1}$				339105	
Say Rs:-				339100 EACH	

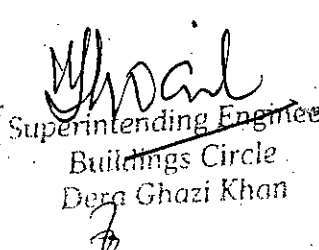
CERTIFICATE

i) Certified that input rate of material and labour for item at Sr. No. and labour rate at Sr. No. Are as per input rates displayed on Website of Finance Department for the BI-ANNUAL 2022 PERIOD (1st JANUARY, 2022 TO 30th JUNE, 2022) DISTRICT LAYYAH as such the rate of Rs: 3,39,100/- has been applied after ascertaining it from the markets.


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Karor


Executive Engineer
Buildings Division
Layyah


Superintending Engineer
Buildings Circle
Dera Ghazi Khan

(49)

ANALYSIS OF RATE FOR THE ITEM PROVIDING AND FIXING OF R.O WATER PURIFICATION PLANT WITH HYGIENIC ULTRA FILTRATION 4000 LPH ROAD LINK CONTRACTING COMPANY ETC COMPLETE IN ALL RESPECT AS APPROVED BY THE ENGINEER INCHARGE.

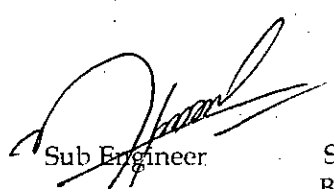
Take 1 NO for analysis purpose.

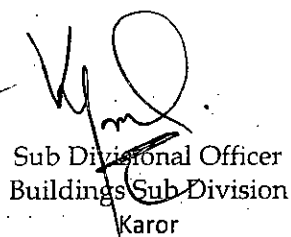
UNIT OF RATE = P-EACH

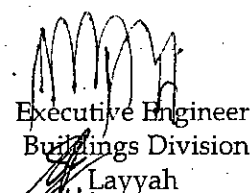
Sr. No:	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE	AMOUNT
A) MATERIAL.					
1	Cost of R.O Water Purification plant	1 No	P-Each	1700000	1700000.00
				TOTAL - A	1700000.00
B) LABOUR					
	Fixing & Carriage Charges				20000.00
	10% SUNDRIES				2000.00
				TOTAL - B	22000.00
G- TOTAL (A+B)					1722000.00
ADD 5% CONTRACROR'S PROFIT + OVER HEAD CHRAGES					86100
OVER ALL TOTAL					1808100.0
RATE PER EACH = $\frac{1808100}{1}$				1808100	
Say Rs: 1808100 EACH					

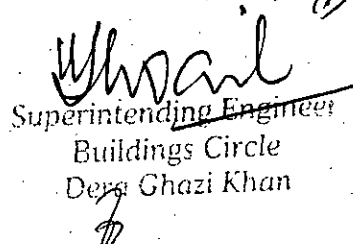
CERTIFICATE

i) Certified that input rate of material and labour for item at Sr. No. and labour rate at Sr. No. Are as per input rates displayed on Website of Finance Department for the BI-ANNUAL 2022 PERIOD (1st JANUARY, 2022 TO 30th JUNE, 2022) DISTRICT LAYYAH as such the rate of Rs: 18,08,100/- has been applied after ascertaining it from the markets.


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Karor


Executive Engineer
Buildings Division
Layyah


Superintending Engineer
Buildings Circle
Dera Ghazi Khan

- 35 Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive/bond over 3/4" thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge d) (Non-Skid Chequered Tiles) 300mmx300mm

4 x20 x10

Total

= 800 Sft.

= 800 Sft.

@Rs.190.50/Sft

Rs. 152400/-

- 36 Supply & Installation of Phillips, LED Light 24"x24" (RC 099v LED 36S / 865 W 60L60 GM) in False Ceiling of approved manufacturer i/c cost of all labour & material complete, as approved by the Engineer Incharge.

1 x50

= 50 No.

Total = 50 No.

@Rs.13830.00/Each

Rs. 691500/-

- 37 Providing and Fixing Stainless Steel Edge Protector 2-1/2"x2-1/2" 18-Swg i/c Fixing With Screws on Porcelain Tile Dado Corners complete in all respects and as Approved by the Engineer Incharge

1 x200 x6

Total

= 1200 Rft.

= 1200 Rft.

@Rs.373.00/Rft

Rs. 447600/-

- 38 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: a) old surface.

OPD Block

Out Side	1 x2	x233-7/8	x17	=	7952 Sft.
	1 x2	x47-3/4	x17	=	1624 Sft.
	1 x2	x19	x17	=	646 Sft.

Dignostic Block

	1 x2	x83	x17	=	2822 Sft.
	1 x2	x8-1/2	x17	=	289 Sft.
	1 x2	x43-1/4	x17	=	1471 Sft.
	1 x2	x60	x17	=	2040 Sft.

Indoor Block

Toilet side	1 x2	x21-1/2	x17	=	731 Sft.
Side	1 x4	x11-1/2	x17	=	782 Sft.
Link	1 x4	x7-1/4	x17	=	493 Sft.
W.side	1 x2	x14-3/4	x17	=	502 Sft.
Ent.side	1 x1	x105	x17	=	1785 Sft.
W.E+W/side	1 x2	x49-3/4	x17	=	1692 Sft.
Ver.side	1 x1	x51-5/8	x17	=	878 Sft.
"	1 x1	x62	x17	=	1054 Sft.
Sides	1 x2	x8-1/8	x17	=	276 Sft.
Link passage	1 x2	x125	x17	=	4250 Sft.

Total = 29287 Sft.

@Rs.1723.15%/Sft

Rs. 504659/-

Total

Rs. 19085428/-

Add: 3% Contingency

Rs. 572563/-

G.Total

Rs. 19657991/-

Sub-Engineer,

Sub Divisional Officer
Buildings Sub Division
KarolExecutive Engineer
Buildings Division
Layyah.

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

OPD Block

DW1	1 x1	x17-1/2	x9-1/2	=	166 Sft.
D4	1 x1	x4-1/2	x9	=	41 Sft.
D5	1 x19	x3-1/2	x9	=	599 Sft.
D6	1 x5	x3	x9	=	135 Sft.
D7A	1 x8	x2-3/4	x6-1/2	=	143 Sft.
D7	1 x4	x2-3/4	x6-1/2	=	72 Sft.
DW2	1 x2	x8-3/4	x9-1/2	=	166 Sft.

Diagonastic Block

DW1	1 x3	x4-1/2	x9	=	122 Sft.
D2	1 x1	x4-1/2	x9	=	41 Sft.
D3	1 x4	x3-1/2	x9	=	126 Sft.
D4	1 x7	x3	x9	=	189 Sft.
D5	1 x1	x2-1/4	x7	=	16 Sft.
D6	1 x2	x2-1/4	x6-1/2	=	29 Sft.
DW2	1 x2	x9	x9	=	162 Sft.
DW3	1 x2	x8	x9	=	144 Sft.

Indoor Block

DW2	1 x2	x8-1/4	x8-1/2	=	140 Sft.
D3	1 x5	x3-1/2	x9	=	158 Sft.
D4	1 x7	x3	x9	=	189 Sft.
D5	1 x8	x2-1/2	x7	=	140 Sft.
D6	1 x10	x2-1/4	x6	=	135 Sft.
DW3	1 x2	x8	x8-1/2	=	136 Sft.

Total = 3049 Sft.

@Rs.716.50/Sft

Rs. 2184609/-

33 Providing and Laying UPVC Door for wash room of approved manufactured i/c M.S chowkhat 1-1/2x1-1/2x1/4" fixing and all kinds of fitting such as handle tower bolts etc complete in all respect as approved by the Engineer incharge

OPD Block

D7	1 x15	x2-3/4	x6-1/2	=	268 Sft.
----	-------	--------	--------	---	----------

Diagonastic Block

1 x5	x2-1/4	x7	=	79 Sft.
1 x2	x2-1/4	x6-1/2	=	29 Sft.

Indoor Block

1 x20	x2-1/2	x7	=	350 Sft.
-------	--------	----	---	----------

Total

= 726 Sft.

@Rs.1200.00/Sft

Rs. 871200/-

34 PROVIDING AND FIXING BEST QUALITY FANCY DOOR HANDLE LOCK AS APPROVED BY THE ENGINEER INCHARGE WITH 5" MACHINE (IMPORTED QUALITY) ETC COMPLETE IN ALL RESPECT AND AS APPROVED BY THE ENGINEER INCHARGE.

1 x96

= 96 No.

Total = 96 No.

@Rs.4000.00/Each

Rs. 384000/-

Indoor Patient Block

Toilet	4 x4	x(5	+6-5/8)	x6	=	1116 Sft.
Lav.	2 x2	x(19-1/4	+9-1/4)	x6	=	684 Sft.
Shower	4 x4	x(4-1/4	+4)	x6	=	792 Sft.
WC	6 x6	x(4-1/4	+3)	x6	=	1566 Sft.
Toilet	2 x2	x(5	+6-5/8)	x6	=	279 Sft.
Total						20565 Sft.

@Rs.1781.95%/Sft

Rs. 366458/-

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

OPD Block

W2	1 x26	x4	x1-1/2	=	156 Sft.
W4	1 x9	x6	x1-1/2	=	81 Sft.
HW1	1 x9	x4	x1-1/2	=	54 Sft.
HW2	1 x2	x2	x1-1/2	=	6 Sft.

Diagonastic Block

W1	1 x1	x10	x1-1/2	=	15 Sft.
W2	1 x2	x8	x1-1/2	=	24 Sft.
W3	1 x2	x6	x1-1/2	=	18 Sft.
W4	1 x9	x4	x1-1/2	=	54 Sft.
HW1	1 x4	x4	x1-1/2	=	24 Sft.

Indoor Block

W4	1 x22	x4	x1-1/2	=	132 Sft.
W2	1 x2	x8	x1-1/2	=	24 Sft.
HW1	1 x12	x4	x1-1/2	=	72 Sft.
Nurse counter.	2 x10	x2		=	40 Sft.
P.Farm	1 x20	x10		=	200 Sft.
Step	1 x2	x20	x1-1/8	=	45 Sft.
	1 x3	x10	x1-1/8	=	34 Sft.

Total**979 Sft.**

@Rs.841.40/Sft

Rs. 823731/-

- 31 Providing and fixing 2 mm thick Double glazed aluminium windows of anodized bronze colour partly fixed and partly sliding using deluxe section of 100mm x 40mm x2 mm using frame (70501) at bottom, (70502) at Top & Side made of Pakistan Cables/Alcop having Leaf Frame size 31mm x 60mm x2 mm (70506) at Top & Bottom, 35mm x 60mm x2 mm (70505) at center and 35mm x 60mm x2 mm(70503) at sides , fixing 5 mm thick imported tinted double glass and air tight using double tape, chemical strips, Silicon using approved latches, wheels for channel, stopper, brush channel angle joint and hardware etc.(excluding the cost of Fly Proofing). Complete in all respect as approved and directed by the Engineer Incharge.

OPD Block

W2	1 x26	x4	x5-1/2	=	572 Sft.
W4	1 x9	x6	x5-1/2	=	297 Sft.
HW1	1 x9	x4	x3	=	108 Sft.
HW2	1 x2	x2	x2	=	8 Sft.

Diagonastic Block

W1	1 x1	x10	x5-1/2	=	55 Sft.
W2	1 x2	x8	x11	=	176 Sft.
W3	1 x2	x6	x5-1/2	=	66 Sft.
W4	1 x9	x4	x5-1/2	=	198 Sft.
HW1	1 x4	x4	x4	=	64 Sft.

Indoor Block

W4	1 x22	x4	x5-1/2	=	484 Sft.
W2	1 x2	x8	x11	=	176 Sft.
HW1	1 x12	x4	x4	=	192 Sft.

Total**2396 Sft.**

@Rs.1336.10/Sft

Rs. 3201296/-

Disp.	1 x1	x(12	+14)	x6	=	156 Sft.
Fibb	1 x1	x(12	+14)	x6	=	156 Sft.
Exam	1 x1	x(5-1/2	+7-5/8)	x6	=	79 Sft.
Diagnostic Block						
X-ray	1 x1	x(13-3/8	+17-1/4)	x6	=	184 Sft.
Film store	1 x1	x(8	+8-5/8)	x6	=	100 Sft.
Dark room	1 x1	x(8	+9)	x6	=	102 Sft.
Op.theather	1 x1	x(20	+18)	x6	=	228 Sft.
Nurse station	1 x1	x(8	+12-5/8)	x6	=	124 Sft.
Store	1 x1	x(8	+5)	x6	=	78 Sft.
Sterilization	1 x1	x(12	+9-5/8)	x6	=	130 Sft.
Scrub up	1 x1	x(12	+8)	x6	=	120 Sft.
Dilevery	1 x1	x(13-5/8	+18)	x6	=	190 Sft.
Labour room	1 x1	x(16	+13-5/8)	x6	=	178 Sft.
Doctor F.male	1 x1	x(8	+13-5/8)	x6	=	130 Sft.
Plaster room	1 x1	x(10	+13-5/8)	x6	=	142 Sft.
Doctor male	1 x1	x(8	+13-5/8)	x6	=	130 Sft.
Waiting + Lab.	2 x2	x(13-3/4	+13-5/8)	x6	=	657 Sft.
Indoor Patient Block						
Nurse station	2 x2	x(11	+12)	x6	=	552 Sft.
Linen store	2 x2	x(5-5/8	+6-5/8)	x6	=	294 Sft.
Store	2 x2	x(5	+12)	x6	=	408 Sft.
M.O	2 x2	x(10	+15-5/8)	x6	=	615 Sft.
Waiting	1 x1	x(11	+10)	x6	=	126 Sft.
Link	2 x2	x(6	+7-1/4)	x6	=	318 Sft.
2 Beded ward	2 x2	x(12	+19)	x6	=	744 Sft.
Store	2 x2	x(5	+12)	x6	=	408 Sft.
L.store	2 x2	x(9	+19)	x6	=	672 Sft.
Toilet	1 x5	x6			=	30 Sft.
Toilet Gaints	1 x6-3/8	x13-5/8			=	87 Sft.
" Ladies	1 x6-3/8	x13-5/8			=	87 Sft.
Staff Toilet	1 x6	x13-5/8			=	82 Sft.
W.C	4 x3	x4-1/4			=	51 Sft.
Wash	1 x6	x4-1/4			=	26 Sft.
Toilet	2 x5	x6			=	60 Sft.
Toilet	1 x7-1/4	x6			=	44 Sft.
Toilet	1 x5	x6			=	30 Sft.
Toilet	1 x5	x6			=	30 Sft.
Toilet	1 x5	x6			=	30 Sft.
Diagnostic Block						
Toilet	1 x7-5/8	x13-5/8			=	104 Sft.
WC	2 x3-5/8	x5			=	36 Sft.
Toilet	1 x8	x13-5/8			=	109 Sft.
WC	2 x3-3/4	x5			=	38 Sft.
Indoor Patient Block						
Toilet	4 x5	x6-5/8			=	133 Sft.
Lav	2 x19-1/4	x9-1/4			=	356 Sft.
Shower	4 x4-1/4	x4			=	68 Sft.
WC	6 x4-1/4	x3			=	77 Sft.
Toilet	2 x5	x6-5/8			=	66 Sft.
Toilet	1 x1	x(5	+6)	x6	=	66 Sft.
Toilet Gaints	1 x1	x(6-3/8	+13-5/8)	x6	=	120 Sft.
" Ladies	1 x1	x(6-3/8	+13-5/8)	x6	=	120 Sft.
Staff Toilet	1 x1	x(6	+13-5/8)	x6	=	118 Sft.
W.C	4 x4	x(3	+4-1/4)	x6	=	696 Sft.
Wash	1 x1	x(6	+4-1/4)	x6	=	62 Sft.
Toilet	2 x2	x(5	+6)	x6	=	264 Sft.
Toilet	1 x1	x(7-1/4	+6)	x6	=	80 Sft.
Toilet	1 x1	x(5	+6)	x6	=	66 Sft.
Toilet	1 x1	x(5	+6)	x6	=	66 Sft.
Toilet	1 x1	x(5	+6)	x6	=	66 Sft.
Diagnostic Block						
Toilet	1 x1	x(7-5/8	+13-5/8)	x6	=	128 Sft.
WC	2 x2	x(3-5/8	+5)	x6	=	207 Sft.
Toilet	1 x1	x(8	+13-5/8)	x6	=	130 Sft.
WC	2 x2	x(3-3/4	+5)	x6	=	210 Sft.

Exam	1 x5	x7-5/8	=	38 Sft.
SMO	1 x12	x14	=	168 Sft.
Main Entr.	1 x19	x14	=	266 Sft.
M.Superintendent	1 x16	x14	=	224 Sft.
Medical store	1 x12-1/2	x14	=	175 Sft.
Admin office	1 x15-5/8	x14	=	219 Sft.
Waiting	1 x15-1/4	x14	=	214 Sft.
Disp.	1 x12	x14	=	168 Sft.
Tibb	1 x12	x14	=	168 Sft.
Exam	1 x5-1/2	x7-5/8	=	42 Sft.
Diagnostic Block				
X.ray	1 x13-3/8	x17-1/4	=	231 Sft.
Film store	1 x8	x8-5/8	=	69 Sft.
Dark room	1 x8	x9	=	72 Sft.
Op.theather	1 x20	x18	=	360 Sft.
Nurse station	1 x8	x12-5/8	=	101 Sft.
Sterilization	1 x12	x9-5/8	=	116 Sft.
Scrub up	1 x12	x8	=	96 Sft.
Dilevery	1 x13-5/8	x18	=	245 Sft.
Labour room	1 x16	x13-5/8	=	218 Sft.
Doctor F.male	1 x8	x13-5/8	=	109 Sft.
Plaster room	1 x10	x13-5/8	=	136 Sft.
Doctor male	1 x8	x13-5/8	=	109 Sft.
Waiting + Lab.	2 x13-3/4	x13-5/8	=	375 Sft.
Indoor Patient Block				
Nurse station	2 x11	x12	=	264 Sft.
Linen store	2 x5-5/8	x6-5/8	=	75 Sft.
M.O	2 x10	x15-5/8	=	313 Sft.
Waiting	1 x11	x10	=	110 Sft.
Link	2 x6	x7-1/4	=	87 Sft.
2 Beded ward	2 x12	x19	=	456 Sft.
Total				8835 Sft.

@Rs.89.35/Sft

Rs. 789407/-

29 Preparing surface and painting with emulsion paint-
2 coats old surface

Homopathic room	1 x1	x(12	+13-5/8)	x6	=	154 Sft.
Exam	1 x1	x(5-1/2	+7-1/4)	x6	=	77 Sft.
Disp.	1 x1	x(12	+13-5/8)	x6	=	154 Sft.
Waiting	1 x1	x(15-1/4	+13-5/8)	x6	=	173 Sft.
G.Store	1 x1	x(10	+13-5/8)	x6	=	142 Sft.
Treatement	1 x1	x(8	+13-5/8)	x6	=	130 Sft.
Disp.	1 x1	x(14	+13-5/8)	x6	=	166 Sft.
Waiting	1 x1	x(16	+13-5/8)	x6	=	178 Sft.
Emergency Ward	1 x1	x(16	+13-5/8)	x6	=	178 Sft.
Speciallist	2 x2	x(12	+13-5/8)	x6	=	615 Sft.
Exam	2 x2	x(5	+7-1/4)	x6	=	294 Sft.
D.Surgen	1 x1	x(17-3/4	+13-5/8)	x6	=	188 Sft.
Waiting Female	1 x1	x(18	+13-5/8)	x6	=	190 Sft.
LHV	1 x1	x(11	+13-5/8)	x6	=	148 Sft.
Demonstration office	1 x1	x(11	+13-5/8)	x6	=	148 Sft.
WMO	1 x1	x(15	+14)	x6	=	174 Sft.
Exam	1 x1	x(7-1/4	+7-5/8)	x6	=	89 Sft.
World food programe	1 x1	x(10	+14)	x6	=	144 Sft.
Gynacelogist	1 x1	x(12	+14)	x6	=	156 Sft.
Exam	1 x1	x(5	+7-5/8)	x6	=	76 Sft.
Waiting male	1 x1	x(13-3/4	+14)	x6	=	167 Sft.
Treatement	1 x1	x(10	+14)	x6	=	144 Sft.
Male M.O	1 x1	x(12	+14)	x6	=	156 Sft.
Exam	1 x1	x(5	+7-5/8)	x6	=	76 Sft.
SMO	1 x1	x(12	+14)	x6	=	156 Sft.
Main Entr.	1 x1	x(19	+14)	x6	=	198 Sft.
M.Superintendent	1 x1	x(16	+14)	x6	=	180 Sft.
Medical store	1 x1	x(12-1/2	+14)	x6	=	159 Sft.
Admin office	1 x1	x(15-5/8	+14)	x6	=	178 Sft.
Waiting	1 x1	x(15-1/4	+14)	x6	=	176 Sft.

Toilet	2 x5	x6-5/8	=	66 Sft.
Total				1544 Sft.
				@Rs.202.70/Sft
				Rs. 312969/-
27 Providing and laying superb quality Ceramic tiles dado of Masterbrand of specified size, Glossy / Matt / Texture skirting / dado of approved Color and Shade with adhesive bond over 1/2" thick (1:2) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer Incharge. i)				
12"x18"/12"x24"/10"x24"/8"x24"/12"x36"				
Toilet	1 x1	x(5	+6)	x6 = 66 Sft.
Toilet Gaints	1 x1	x(6-3/8	+13-5/8)	x6 = 120 Sft.
" Ladies	1 x1	x(6-3/8	+13-5/8)	x6 = 120 Sft.
Staff Toilet	1 x1	x(6	+13-5/8)	x6 = 118 Sft.
W.C.	4 x4	x(3	+4-1/4)	x6 = 696 Sft.
Wash	1 x1	x(6	+4-1/4)	x6 = 62 Sft.
Toilet	2 x2	x(5	+6)	x6 = 264 Sft.
Toilet	1 x1	x(7-1/4	+6)	x6 = 80 Sft.
Toilet	1 x1	x(5	+6)	x6 = 66 Sft.
Toilet	1 x1	x(5	+6)	x6 = 66 Sft.
Toilet	1 x1	x(5	+6)	x6 = 66 Sft.
Diagnostic Block				
Toilet	1 x1	x(7-5/8	+13-5/8)	x6 = 128 Sft.
WC	2 x2	x(3-5/8	+5)	x6 = 207 Sft.
Toilet	1 x1	x(8	+13-5/8)	x6 = 130 Sft.
WC	2 x2	x(3-3/4	+5)	x6 = 210 Sft.
Indoor Patient Block				
Toilet	4 x4	x(5	+6-5/8)	x6 = 1116 Sft.
Lav.	2 x2	x(19-1/4	+9-1/4)	x6 = 684 Sft.
Shower	4 x4	x(4-1/4	+4)	x6 = 792 Sft.
WC	6 x6	x(4-1/4	+3)	x6 = 1566 Sft.
Toilet	2 x2	x(5	+6-5/8)	x6 = 279 Sft.
Total				6836 Sft.
				@Rs.209.65/Sft
				Rs. 1433167/-
28 Providing and fixing false ceiling comprises of Gypsum board laminated sheet. of size 2'x2'/2'x3'/3'x3' of specified design and thickness i/c cost of fixtures i.e galvanized angle 1"x1" at wall sides, galvanized tee 1/4"x1" and 1/2"x1" both at 4'c/c (made of Taiwan CK More equivalent), hanging with G.I/Copper wire 16SWG, G.I hook, Rawal Plug etc. complete in all respects as approved and directed by the Engineer Incharge iv).				
12 mm thick				
Homopathic room	1 x12	x13-5/8	=	164 Sft.
Exam	1 x5-1/2	x7-1/4	=	40 Sft.
Disp.	1 x12	x13-5/8	=	164 Sft.
Waiting	1 x15-1/4	x13-5/8	=	208 Sft.
Treatement	1 x8	x13-5/8	=	109 Sft.
Disp.	1 x14	x13-5/8	=	191 Sft.
Waiting	1 x16	x13-5/8	=	218 Sft.
Emergency Ward	1 x16	x13-5/8	=	218 Sft.
Speciallist	2 x12	x13-5/8	=	327 Sft.
Exam	2 x5	x7-1/4	=	73 Sft.
D.Surgen	1 x17-3/4	x13-5/8	=	242 Sft.
Waiting Female	1 x18	x13-5/8	=	245 Sft.
LHV	1 x11	x13-5/8	=	150 Sft.
Demonstration office	1 x11	x13-5/8	=	150 Sft.
WMO	1 x15	x14	=	210 Sft.
Exam	1 x7-1/4	x7-5/8	=	55 Sft.
World food programe	1 x10	x14	=	140 Sft.
Gynacelogist	1 x12	x14	=	168 Sft.
Exam	1 x5	x7-5/8	=	38 Sft.
Waiting male	1 x13-3/4	x14	=	193 Sft.
Treatement	1 x10	x14	=	140 Sft.
Male M.O	1 x12	x14	=	168 Sft.

SMO	1 x1	x(12	+14	)	x6	=	156 Sft.
Main Entr.	1 x1	x(19	+14	)	x6	=	198 Sft.
M.Superintendent	1 x1	x(16	+14	)	x6	=	180 Sft.
Medical store	1 x1	x(12-1/2	+14	)	x6	=	159 Sft.
Admin office	1 x1	x(15-5/8	+14	)	x6	=	178 Sft.
Waiting	1 x1	x(15-1/4	+14	)	x6	=	176 Sft.
Disp.	1 x1	x(12	+14	)	x6	=	156 Sft.
Tibb	1 x1	x(12	+14	)	x6	=	156 Sft.
Exam	1 x1	x(5-1/2	+7-5/8)		x6	=	79 Sft.
Diagnostic Block							
X.ray	1 x1	x(13-3/8	+17-1/4)		x6	=	184 Sft.
Film store	1 x1	x(8	+8-5/8)		x6	=	100 Sft.
Dark room	1 x1	x(8	+9	)	x6	=	102 Sft.
Op.theather	1 x1	x(20	+18	)	x6	=	228 Sft.
Nurse station	1 x1	x(8	+12-5/8)		x6	=	124 Sft.
Store	1 x1	x(8	+5	)	x6	=	78 Sft.
Sterilization	1 x1	x(12	+9-5/8)		x6	=	130 Sft.
Scrub up	1 x1	x(12	+8	)	x6	=	120 Sft.
Dilevery	1 x1	x(13-5/8	+18	)	x6	=	190 Sft.
Labour room	1 x1	x(16	+13-5/8)		x6	=	178 Sft.
Doctor F.male	1 x1	x(8	+13-5/8)		x6	=	130 Sft.
Plaster room	1 x1	x(10	+13-5/8)		x6	=	142 Sft.
Doctor male	1 x1	x(8	+13-5/8)		x6	=	130 Sft.
Waiting + Lab.	2 x2	x(13-3/4	+13-5/8)		x6	=	657 Sft.
Indoor Patient Block							
Nurse station	2 x2	x(11	+12	)	x6	=	552 Sft.
Linen store	2 x2	x(5-5/8	+6-5/8)		x6	=	294 Sft.
Store	2 x2	x(5	+12	)	x6	=	408 Sft.
M.O	2 x2	x(10	+15-5/8)		x6	=	615 Sft.
Waiting	1 x1	x(11	+10	)	x6	=	126 Sft.
Link	2 x2	x(6	+7-1/4)		x6	=	318 Sft.
2 Beded ward	2 x2	x(12	+19	)	x6	=	744 Sft.
Store	2 x2	x(5	+12	)	x6	=	408 Sft.
L.store	2 x2	x(9	+19	)	x6	=	672 Sft.
Total							12185 Sft.

@Rs.302.25/Sft

Rs. 3682916/-

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

Toilet	1 x5	x6	=	30 Sft.
Toilet Gaints	1 x6-3/8	x13-5/8	=	87 Sft.
" Ladies	1 x6-3/8	x13-5/8	=	87 Sft.
Staff Toilet	1 x6	x13-5/8	=	82 Sft.
W.C	4 x3	x4-1/4	=	51 Sft.
Wash	1 x6	x4-1/4	=	26 Sft.
Toilet	2 x5	x6	=	60 Sft.
Toilet	1 x7-1/4	x6	=	44 Sft.
Toilet	1 x5	x6	=	30 Sft.
Toilet	1 x5	x6	=	30 Sft.
Toilet	1 x5	x6	=	30 Sft.
Diagnostic Block				
Toilet	1 x7-5/8	x13-5/8	=	104 Sft.
WC	2 x3-5/8	x5	=	36 Sft.
Toilet	1 x8	x13-5/8	=	109 Sft.
WC	2 x3-3/4	x5	=	38 Sft.
Indoor Patient Block				
Toilet	4 x5	x6-5/8	=	133 Sft.
Lav	2 x19-1/4	x9-1/4	=	356 Sft.
Shower	4 x4-1/4	x4	=	68 Sft.
WC	6 x4-1/4	x3	=	77 Sft.

2.1

Admin office	1 x15-5/8	x14	=	219 Sft.
Waiting	1 x15-1/4	x14	=	214 Sft.
Disp.	1 x12	x14	=	168 Sft.
Tibb	1 x12	x14	=	168 Sft.
Exam	1 x5-1/2	x7-5/8	=	42 Sft.
Diagnostic Block				
Link passage	1 x125	x9	=	1125 Sft.
X-ray	1 x13-3/8	x17-1/4	=	231 Sft.
Film store	1 x8	x8-5/8	=	69 Sft.
Dark room	1 x8	x9	=	72 Sft.
Op.theather	1 x20	x18	=	360 Sft.
Nurse station	1 x8	x12-5/8	=	101 Sft.
Store	1 x8	x5	=	40 Sft.
Sterilization	1 x12	x9-5/8	=	116 Sft.
Scrub up	1 x12	x8	=	96 Sft.
Dilevery	1 x13-5/8	x18	=	245 Sft.
Labour room	1 x16	x13-5/8	=	218 Sft.
Doctor F.male	1 x8	x13-5/8	=	109 Sft.
Plaster room	1 x10	x13-5/8	=	136 Sft.
Doctor male.	1 x8	x13-5/8	=	109 Sft.
Waiting + Lab.	2 x13-3/4	x13-5/8	=	375 Sft.
Indoor Patient Block				
Nurse station	2 x11	x12	=	264 Sft.
Linen store	2 x5-5/8	x6-5/8	=	75 Sft.
Store	2 x5	x12	=	120 Sft.
M.O	2 x10	x15-5/8	=	313 Sft.
Waiting	1 x11	x10	=	110 Sft.
Link	2 x6	x7-1/4	=	87 Sft.
2 Beded ward	2 x12	x19	=	456 Sft.
Store	2 x5	x12	=	120 Sft.
L.store	2 x9	x19	=	342 Sft.
Total				10718 Sft.

@Rs.302.25/Sft

Rs. 3239516/-

25 Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting/dado of specified size, Color and Shade with adhesive/ bond over 1/2"thick (1:2) cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge. a) Full body Glazed Tile (ii) 600mm x600 mm

Homopathic room	1 x1	x(12	+13-5/8)	x6	=	154 Sft.
Exam	1 x1	x(5-1/2	+7-1/4)	x6	=	77 Sft.
Disp.	1 x1	x(12	+13-5/8)	x6	=	154 Sft.
Waiting	1 x1	x(15-1/4	+13-5/8)	x6	=	173 Sft.
G.Store	1 x1	x(10	+13-5/8)	x6	=	142 Sft.
Treatement	1 x1	x(8	+13-5/8)	x6	=	130 Sft.
Disp.	1 x1	x(14	+13-5/8)	x6	=	166 Sft.
Waiting	1 x1	x(16	+13-5/8)	x6	=	178 Sft.
Emergency Ward	1 x1	x(16	+13-5/8)	x6	=	178 Sft.
Speciallist	2 x2	x(12	+13-5/8)	x6	=	615 Sft.
Exam	2 x2	x(5	+7-1/4)	x6	=	294 Sft.
D.Surgen	1 x1	x(17-3/4	+13-5/8)	x6	=	188 Sft.
Waiting Female	1 x1	x(18	+13-5/8)	x6	=	190 Sft.
LHV	1 x1	x(11	+13-5/8)	x6	=	148 Sft.
Demonstration office	1 x1	x(11	+13-5/8)	x6	=	148 Sft.
WMO	1 x1	x(15	+14	) x6	=	174 Sft.
Exam	1 x1	x(7-1/4	+7-5/8)	x6	=	89 Sft.
World food programe	1 x1	x(10	+14	) x6	=	144 Sft.
Gynacelogist	1 x1	x(12	+14	) x6	=	156 Sft.
Exam	1 x1	x(5	+7-5/8)	x6	=	76 Sft.
Waiting male	1 x1	x(13-3/4	+14	) x6	=	167 Sft.
Treatement	1 x1	x(10	+14	) x6	=	144 Sft.
Male M.O	1 x1	x(12	+14	) x6	=	156 Sft.
Exam	1 x1	x(5	+7-5/8)	x6	=	76 Sft.

11 2

Lav	2 x 19-1/4	x 9-1/4	x 1/8	=	45 Cft.
Shower	4 x 4-1/4	x 4	x 1/8	=	9 Cft.
WC	6 x 4-1/4	x 3	x 1/8	=	10 Cft.
Toilet	2 x 5	x 6-5/8	x 1/8	=	8 Cft.
Total.				=	196 Cft.

@Rs.28918.55%/Cft

Rs. 56680/-

22 Reinforced cement concrete in roof slab, beams, columns, lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- (3) (c) Type C (nominal mix 1: 2: 4)

Counter tegha	3 x 12	x 3	x 3/8	=	41 Cft.
	10 x 5	x 3	x 3/8	=	56 Cft.
W.Room shelf	4 x 10	x 5	x 3/8	=	75 Cft.
Lintel W.Room	20 x 4	x 3/8	x 1/2	=	15 Cft.
	20 x 6-1/2	x 3/4	x 3/4	=	73 Cft.
	10 x 8-1/2	x 1-1/8	x 1	=	96 Cft.
Total				=	356.00 Cft.

@Rs.471.80/Cft

Rs. 167961/-

23 Fabrication of M.S. reinforcement :- c cutting bending binding laying in position making joints and fastenings including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- b- deformed bars

Take Qty 6.75 Lbs/Cft of above item

356.00	x 6.75	x 0.454	=	1091 Kg
			=	1091 Kg

@Rs.25948.05%/Kg

Rs. 283093/-

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

Homopathic room	1 x 12	x 13-5/8	=	164 Sft.
Exam	1 x 5-1/2	x 7-1/4	=	40 Sft.
Disp.	1 x 12	x 13-5/8	=	164 Sft.
Waiting	1 x 15-1/4	x 13-5/8	=	208 Sft.
G.Store	1 x 10	x 13-5/8	=	136 Sft.
Treatment	1 x 8	x 13-5/8	=	109 Sft.
Disp.	1 x 14	x 13-5/8	=	191 Sft.
Waiting	1 x 16	x 13-5/8	=	218 Sft.
Emergency Ward	1 x 16	x 13-5/8	=	218 Sft.
Specialist	2 x 12	x 13-5/8	=	327 Sft.
Exam	2 x 5	x 7-1/4	=	73 Sft.
D.Surgen	1 x 17-3/4	x 13-5/8	=	242 Sft.
Waiting Female	1 x 18	x 13-5/8	=	245 Sft.
LHV	1 x 11	x 13-5/8	=	150 Sft.
Demonstration office	1 x 11	x 13-5/8	=	150 Sft.
WMO	1 x 15	x 14	=	210 Sft.
Exam	1 x 7-1/4	x 7-5/8	=	55 Sft.
World food programe	1 x 10	x 14	=	140 Sft.
Gynacologist	1 x 12	x 14	=	168 Sft.
Exam	1 x 5	x 7-5/8	=	38 Sft.
Waiting male	1 x 13-3/4	x 14	=	193 Sft.
Treatment	1 x 10	x 14	=	140 Sft.
Male M.O	1 x 12	x 14	=	168 Sft.
Exam	1 x 5	x 7-5/8	=	38 Sft.
SMO	1 x 12	x 14	=	168 Sft.
Main Entr.	1 x 19	x 14	=	266 Sft.
M.Superintendent	1 x 16	x 14	=	224 Sft.
Medical store	1 x 12-1/2	x 14	=	175 Sft.

1 x39

= 39 No.
 Total = 39 No.
 @Rs.2379.65/Each Rs. 92806/-

- 17 Providing and fitting European Coupled set of Water Closet (WC) and Flushing Cistern of PORTA brand (fullsize) i/c the cost of CP/rubber connection, thimble, seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge.

1 x20

= 20 No.
 Total = 20 No.
 @Rs.13915.80/Each Rs. 278316/-

- 18 Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of 3-No Tee stop cocks, lever type Basin Mixer, double Bib Cock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge. (i) 3 No Tee Stop Cock (ii) Lever Type Basin Mixer (iii) Double Bib Cock (iv) Open Type Wall Shower (v) Muslim shower (vi) Waste Coupling (vii) Bottle Trap

1 x20

= 20 No.
 Total = 20 No.
 @Rs.32650.85/Each Rs. 653017/-

- 19 Providing and fitting glazed earthen ware wash hand basin 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc. v) Under Counter Vanity Basin

1 x20

= 20 No.
 Total = 20 No.
 @Rs.6603.90/Each Rs. 132078/-

- 20 Providing and fixing BATHROOM ACCESSORIES (7-piece set) MASTER BRAND - One Cosmetic Shelf, One Towel rod with bracket, One soap dish, One double hook, One towel ring, brush holder, toilet paper holder & looking glass i/c the cost of hardwares etc complete in all respect as approved and directed by the Engineer incharge. i) Plastic soap dish ii) Plastic toilet paper holder iii) Plastic tower rail iv) Plastic shelf 60x13 cm (24"x5") with bracket and railing v) Plastic Brush holder vi) Looking glass with plastic frame vii) Towel rail

1 x35

= 35 No.
 Total = 35 No.
 @Rs.6600.00/Each Rs. 231000/-

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

Toilet	1 x5	x6	x 1/8	=	4 Cft.
Toilet Gaints	1 x6-3/8	x13-5/8	x 1/8	=	11 Cft.
" Ladies	1 x6-3/8	x13-5/8	x 1/8	=	11 Cft.
Staff Toilet	1 x6	x13-5/8	x 1/8	=	10 Cft.
W.C	4 x3	x4-1/4	x 1/8	=	6 Cft.
Wash	1 x6	x4-1/4	x 1/8	=	3 Cft.
Toilet	2 x5	x6	x 1/8	=	8 Cft.
Toilet	1 x7-1/4	x6	x 1/8	=	5 Cft.
Toilet	1 x5	x6	x 1/8	=	4 Cft.
Toilet	1 x5	x6	x 1/8	=	4 Cft.
Toilet	1 x5	x6	x 1/8	=	4 Cft.
Diagnostic Block					
Toilet	1 x7-5/8	x13-5/8	x 1/8	=	13 Cft.
WC	2 x3-5/8	x5	x 1/8	=	5 Cft.
Toilet	1 x8	x13-5/8	x 1/8	=	14 Cft.
WC	2 x3-3/4	x5	x 1/8	=	5 Cft.
Indoor Patient Block					
Toilet	4 x5	x6-5/8	x 1/8	=	17 Cft.

Link passage	1 x 2	x125	x4	=	1000 Sft.	
				Total	=	7450 Sft.
				@Rs.343.20%/Sft		Rs. 25568/-
10 1/2" thick cement plaster 1:4 upto 20' (6.00 mm) height:-						
OPD Block						
Out Side	1 x 2	x233-7/8	x5	=	2339 Sft.	
	1 x 2	x47-3/4	x5	=	478 Sft.	
	1 x 2	x19	x5	=	190 Sft.	
Dignostic Block						
	1 x 2	x83	x4	=	664 Sft.	
	1 x 2	x8-1/2	x4	=	68 Sft.	
	1 x 2	x43-1/4	x4	=	346 Sft.	
	1 x 2	x60	x4	=	480 Sft.	
Indoor Block						
Toilet side	1 x 2	x21-1/2	x3	=	129 Sft.	
Side	1 x 4	x11-1/2	x4	=	184 Sft.	
Link	1 x 4	x7-1/4	x4	=	116 Sft.	
W.side	1 x 2	x14-3/4	x4	=	118 Sft.	
Ent.side	1 x 1	x105	x4	=	420 Sft.	
W.E+W/side	1 x 2	x49-3/4	x4	=	398 Sft.	
Ver.side	1 x 1	x51-5/8	x4	=	207 Sft.	
"	1 x 1	x62	x4	=	248 Sft.	
Sides	1 x 2	x8-1/8	x4	=	65 Sft.	
Link passage	1 x 2	x125	x4	=	1000 Sft.	
				Total	=	7450 Sft.
				@Rs.2591.50%/Sft		Rs. 193067/-
11 Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height. a) 1:2						
Counter tegha	2 x 2	x4	x3	x3	=	144 Sft.
	2 x 2	x1	x12	x3	=	144 Sft.
W.Room shelf	2 x 7	x2	x3	x3	=	252 Sft.
	2 x 7	x1	x5	x3	=	210 Sft.
Main counter	1 x 2	x2	x5	x4	=	80 Sft.
	1 x 2	x2	x10	x4	=	160 Sft.
				Total	=	990 Sft.
				@Rs.2955.85%/Sft		Rs. 29263/-
12 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. b) 4" i/d (100 mm)						
	2 x 3	x7	x15	=	630 Rft.	
	1 x 3	x3	x10	=	90 Rft.	
				Total	=	720 Rft.
				@Rs.418.35/Rft		Rs. 301212/-
13 Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with foot rest. Coloured						
	1 x 39			=	39 No.	
				Total	=	39 No.
				@Rs.2174.70/Each		Rs. 84813/-
14 Providing and fitting "P" trap:- ii) 10 cm (4") glazed.						
	2 x 39			=	78 No.	
				Total	=	78 No.
				@Rs.218.35/Each		Rs. 17031/-
15 Providing and fitting 10 cm (4") gully trap, including cement concrete, cost of PVC grating 15x15 cm (6"x6") and masonry chamber 30x30 cm (12"x12").						
	1 x 39			=	39 No.	
				Total	=	39 No.
				@Rs.899.30/Each		Rs. 35073/-
16 Providing and fitting plastic made low down flushing cistern 13.63 litre (3 gallons) capacity, including bracket set, copper connection, etc. complete. ii) coloured						

Total. = 512 Cft.

@Rs.2743.20% Cft

Rs. 14045/-

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

Toilet	1 x5	x6	x 1/3	=	10 Cft.
Toilet Gaints	1 x6-3/8	x13-5/8	x 1/3	=	29 Cft.
" Ladies	1 x6-3/8	x13-5/8	x 1/3	=	29 Cft.
Self Toilet	1 x6	x13-5/8	x 1/3	=	27 Cft.
W.C	4 x3	x4-1/4	x 1/3	=	17 Cft.
Wash	1 x6	x4-1/4	x 1/3	=	8 Cft.
Toilet	2 x5	x6	x 1/3	=	20 Cft.
Toilet	1 x7-1/4	x6	x 1/3	=	14 Cft.
Toilet	1 x5	x6	x 1/3	=	10 Cft.
Toilet	1 x5	x6	x 1/3	=	10 Cft.
Toilet	1 x5	x6	x 1/3	=	10 Cft.
Diagnostic Block					
Toilet	1 x7-5/8	x13-5/8	x 1/3	=	35 Cft.
WC	2 x3-5/8	x5	x 1/3	=	12 Cft.
Toilet	1 x8	x13-5/8	x 1/3	=	36 Cft.
WC	2 x3-3/4	x5	x 1/3	=	12 Cft.
Indoor Patient Block					
Toilet	4 x5	x6-5/8	x 1/3	=	44 Cft.
Lav	2 x19-1/4	x9-1/4	x 1/3	=	119 Cft.
Shower	4 x4-1/4	x4	x 1/3	=	23 Cft.
WC	6 x4-1/4	x3	x 1/3	=	25 Cft.
Toilet	2 x5	x6-5/8	x 1/3	=	22 Cft.
Total.					= 512 Cft.

@Rs.5161.30% Cft

Rs. 26426/-

8 Pacca brick work in ground floor:- i) cement, sand mortar:- Ratio 1:4

4-1/2" thick Toilet wall.	1 x2	x4-5/8	x 3/8	x12	=	42 Cft.
	1 x2	x10-3/4	x 3/8	x12	=	97 Cft.
	1 x4	x6	x 3/8	x12	=	108 Cft.
	1 x2	x11-3/8	x 3/8	x12	=	102 Cft.
	1 x2	x10	x 3/8	x12	=	90 Cft.
	1 x6	x7	x 3/8	x12	=	189 Cft.
	1 x6	x5	x 3/8	x12	=	135 Cft.
			Total.		=	763 Cft.

Deductions.

Door opening.	1 x10	x2-1/2	x 3/8	x7	=	66 Cft.
Lintel.	1 x10	x3-1/2	x 3/8	x 1/2	=	7 Cft.
			Total Deductions.		=	73 Cft.

Net Qty. 763 (-) 73 = 690 Cft.

@Rs.25252.95% Cft

Rs. 174245/-

9 Removing mud plaster from walls.

OPD Block

Out Side	1 x2	x233-7/8	x5	=	2339 Sft.
	1 x2	x47-3/4	x5	=	478 Sft.
	1 x2	x19	x5	=	190 Sft.

Dignostic Block

	1 x2	x83	x4	=	664 Sft.
	1 x2	x8-1/2	x4	=	68 Sft.
	1 x2	x43-1/4	x4	=	346 Sft.
	1 x2	x60	x4	=	480 Sft.

Indoor Block

Toilet side	1 x2	x21-1/2	x3	=	129 Sft.
Side	1 x4	x11-1/2	x4	=	184 Sft.
Link	1 x4	x7-1/4	x4	=	116 Sft.
W.side	1 x2	x14-3/4	x4	=	118 Sft.
Ent.side	1 x1	x105	x4	=	420 Sft.
W.E+W/side	1 x2	x49-3/4	x4	=	398 Sft.
Ver.side	1 x1	x51-5/8	x4	=	207 Sft.
"	1 x1	x62	x4	=	248 Sft.
Sides	1 x2	x8-1/8	x4	=	65 Sft.

4 Dismantling brick work in lime or cement mortar.

4-1/2" thick Toilet wall.	1 x2	x4-5/8	x 3/8	x12	=	42 Cft.
	1 x2	x10-3/4	x 3/8	x12	=	97 Cft.
	1 x4	x6	x 3/8	x12	=	108 Cft.
	1 x2	x11-3/8	x 3/8	x12	=	102 Cft.
	1 x2	x10	x 3/8	x12	=	90 Cft.
	1 x6	x7	x 3/8	x12	=	189 Cft.
	1 x6	x5	x 3/8	x12	=	135 Cft.
			Total.		=	763 Cft.

Deductions.

Door opening.	1 x10	x2-1/2	x 3/8	x7	=	66 Cft.
Lintel.	1 x10	x3-1/2	x 3/8	x 1/2	=	7 Cft.
			Total Deductions.		=	73 Cft.

Net Qty.	763	(-)	73	=	690 Cft.
----------	-----	-----	----	---	----------

@Rs.3500.65%Cft

Rs. 24154/-

5 Dismantling cement concrete 1:2:4 plain.

Toilet	1 x5	x6	x 1/8	=	4 Cft.
Toilet Gaints	1 x6-3/8	x13-5/8	x 1/8	=	11 Cft.
" Ladies	1 x6-3/8	x13-5/8	x 1/8	=	11 Cft.
Staff Toilet	1 x6	x13-5/8	x 1/8	=	10 Cft.
W.C	4 x3	x4-1/4	x 1/8	=	6 Cft.
Wash	1 x6	x4-1/4	x 1/8	=	3 Cft.
Toilet	2 x5	x6	x 1/8	=	8 Cft.
Toilet	1 x7-1/4	x6	x 1/8	=	5 Cft.
Toilet	1 x5	x6	x 1/8	=	4 Cft.
Toilet	1 x5	x6	x 1/8	=	4 Cft.
Toilet	1 x5	x6	x 1/8	=	4 Cft.
Diagnostic Block					
Toilet	1 x7-5/8	x13-5/8	x 1/8	=	13 Cft.
WC	2 x3-5/8	x5	x 1/8	=	5 Cft.
Toilet	1 x8	x13-5/8	x 1/8	=	14 Cft.
WC	2 x3-3/4	x5	x 1/8	=	5 Cft.
Indoor Patient Block					
Toilet	4 x5	x6-5/8	x 1/8	=	17 Cft.
Lav	2 x19-1/4	x9-1/4	x 1/8	=	45 Cft.
Shower	4 x4-1/4	x4	x 1/8	=	9 Cft.
WC	6 x4-1/4	x3	x 1/8	=	10 Cft.
Toilet	2 x5	x6-5/8	x 1/8	=	8 Cft.
			Total.	=	196 Cft.

@Rs.9060.50%Cft

Rs. 17759/-

6 Supplying and filling sand under floor, or plugging in wells.

Toilet	1 x5	x6	x 1/3	=	10 Cft.
Toilet Gaints	1 x6-3/8	x13-5/8	x 1/3	=	29 Cft.
" Ladies	1 x6-3/8	x13-5/8	x 1/3	=	29 Cft.
Staff Toilet	1 x6	x13-5/8	x 1/3	=	27 Cft.
W.C	4 x3	x4-1/4	x 1/3	=	17 Cft.
Wash	1 x6	x4-1/4	x 1/3	=	8 Cft.
Toilet	2 x5	x6	x 1/3	=	20 Cft.
Toilet	1 x7-1/4	x6	x 1/3	=	14 Cft.
Toilet	1 x5	x6	x 1/3	=	10 Cft.
Toilet	1 x5	x6	x 1/3	=	10 Cft.
Toilet	1 x5	x6	x 1/3	=	10 Cft.
Diagnostic Block					
Toilet	1 x7-5/8	x13-5/8	x 1/3	=	35 Cft.
WC	2 x3-5/8	x5	x 1/3	=	12 Cft.
Toilet	1 x8	x13-5/8	x 1/3	=	36 Cft.
WC	2 x3-3/4	x5	x 1/3	=	12 Cft.
Indoor Patient Block					
Toilet	4 x5	x6-5/8	x 1/3	=	44 Cft.
Lav	2 x19-1/4	x9-1/4	x 1/3	=	119 Cft.
Shower	4 x4-1/4	x4	x 1/3	=	23 Cft.
WC	6 x4-1/4	x3	x 1/3	=	25 Cft.
Toilet	2 x5	x6-5/8	x 1/3	=	22 Cft.

Waiting + Lab.	2 x2	x(13-3/4	+13-5/8)	x5	=	548 Sft.
Toilet	1 x1	x(8	+13-5/8)	x5	=	108 Sft.
WC	2 x2	x(3-3/4	+5)	x5	=	175 Sft.
Indoor Patient Block						
Nurse station	2 x2	x(11	+12)	x5	=	460 Sft.
Linen store	2 x2	x(5-5/8	+6-5/8)	x5	=	245 Sft.
Toilet	4 x4	x(5	+6-5/8)	x5	=	930 Sft.
Store	2 x2	x(5	+12)	x5	=	340 Sft.
M.O	2 x2	x(10	+15-5/8)	x5	=	513 Sft.
Waiting	1 x1	x(11	+10)	x5	=	105 Sft.
Lav.	2 x2	x(19-1/4	+9-1/4)	x5	=	570 Sft.
Shower	4 x4	x(4-1/4	+4)	x5	=	660 Sft.
WC	6 x6	x(4-1/4	+3)	x5	=	1305 Sft.
Link	2 x2	x(6	+7-1/4)	x5	=	265 Sft.
2 Beded ward	2 x2	x(12	+19)	x5	=	620 Sft.
Store	2 x2	x(5	+12)	x5	=	340 Sft.
Toilet	2 x2	x(5	+6-5/8)	x5	=	233 Sft.
L.store	2 x2	x(9	+19)	x5	=	560 Sft.
Total						15843 Sft.

@Rs.1932.50/%Sft

Rs. 306166/-

2 Removing door with chowkat.

OPD Block						
DW1	1 x1				=	1 No.
DW2	1 x2				=	2 No.
D4	1 x1				=	1 No.
D5	1 x19				=	19 No.
D6	1 x5				=	5 No.
D7A	1 x8				=	8 No.
D7	1 x4				=	4 No.
Diagonastic Block						
DW2	1 x2				=	2 No.
DW3	1 x2				=	2 No.
DW1	1 x3				=	3 No.
D2	1 x1				=	1 No.
D3	1 x4				=	4 No.
D4	1 x7				=	7 No.
D5	1 x1				=	1 No.
D6	1 x2				=	2 No.
Indoor Block						
DW3	1 x2				=	2 No.
DW2	1 x2				=	2 No.
D3	1 x5				=	5 No.
D4	1 x7				=	7 No.
D5	1 x8				=	8 No.
D6	1 x10				=	10 No.
Total						96 No.

@Rs.362.35/Each

Rs. 34786/-

3 Removing windows and sky lights with chowkat.

OPD Block						
W2	1 x26				=	26 No.
W4	1 x9				=	9 No.
HW1	1 x9				=	9 No.
HW2	1 x2				=	2 No.
Diagonastic Block						
W1	1 x1				=	1 No.
W2	1 x2				=	2 No.
W3	1 x2				=	2 No.
W4	1 x9				=	9 No.
HW1	1 x4				=	4 No.
Indoor Block						
W4	1 x22				=	22 No.
W2	1 x2				=	2 No.
HW1	1 x12				=	12 No.
Total						100 No.

@Rs.283.15/Each

Rs. 28315/-

**ROUGH COST ESTIMATE ON DETAIL BASIS FOR THE WORK REVENPING OF OPD
BLOCK IN TEHSIL HEAD QUARTER HOSPITAL KAROR LAL EASON DISTRICT**

LAYYAH

MRS 1st Bi-annual 2022 (1st January 2022 to 30th June 2022 for District Layyah)

1 Dismantling glazed or encaustic tiles, etc.

Homopathic room	1 x1	x(12	+13-5/8)	x5	=	128 Sft.
Toilet	1 x1	x(5	+6)	x5	=	55 Sft.
Exam	1 x1	x(5-1/2	+7-1/4)	x5	=	64 Sft.
Disp.	1 x1	x(12	+13-5/8)	x5	=	128 Sft.
Waiting	1 x1	x(15-1/4	+13-5/8)	x5	=	144 Sft.
Toilet Gaints	1 x1	x(6-3/8	+13-5/8)	x5	=	100 Sft.
" Ladies	1 x1	x(6-3/8	+13-5/8)	x5	=	100 Sft.
Staff Toilet	1 x1	x(6	+13-5/8)	x5	=	98 Sft.
W.C	4 x4	x(3	+4-1/4)	x5	=	580 Sft.
Wash	1 x1	x(6	+4-1/4)	x5	=	51 Sft.
G.Store	1 x1	x(10	+13-5/8)	x5	=	118 Sft.
Treatement	1 x1	x(8	+13-5/8)	x5	=	108 Sft.
Disp.	1 x1	x(14	+13-5/8)	x5	=	138 Sft.
Waiting	1 x1	x(16	+13-5/8)	x5	=	148 Sft.
Emergency Ward	1 x1	x(16	+13-5/8)	x5	=	148 Sft.
Specialist	2 x2	x(12	+13-5/8)	x5	=	513 Sft.
Toilet	2 x2	x(5	+6)	x5	=	220 Sft.
Exam	2 x2	x(5	+7-1/4)	x5	=	245 Sft.
D.Surgen	1 x1	x(17-3/4	+13-5/8)	x5	=	157 Sft.
Waiting Female	1 x1	x(18	+13-5/8)	x5	=	158 Sft.
LHV	1 x1	x(11	+13-5/8)	x5	=	123 Sft.
Demonstration office	1 x1	x(11	+13-5/8)	x5	=	123 Sft.
WMO	1 x1	x(15	+14)	x5	=	145 Sft.
Toilet	1 x1	x(7-1/4	+6)	x5	=	66 Sft.
Exam	1 x1	x(7-1/4	+7-5/8)	x5	=	74 Sft.
World food programe	1 x1	x(10	+14)	x5	=	120 Sft.
Gynacelogist	1 x1	x(12	+14)	x5	=	130 Sft.
Toilet	1 x1	x(5	+6)	x5	=	55 Sft.
Exam	1 x1	x(5	+7-5/8)	x5	=	63 Sft.
Waiting male	1 x1	x(13-3/4	+14)	x5	=	139 Sft.
Treatment	1 x1	x(10	+14)	x5	=	120 Sft.
Male M.O	1 x1	x(12	+14)	x5	=	130 Sft.
Toilet	1 x1	x(5	+6)	x5	=	55 Sft.
Exam	1 x1	x(5	+7-5/8)	x5	=	63 Sft.
SMO	1 x1	x(12	+14)	x5	=	130 Sft.
Main Entr.	1 x1	x(19	+14)	x5	=	165 Sft.
M.Superintendent	1 x1	x(16	+14)	x5	=	150 Sft.
Medical store	1 x1	x(12-1/2	+14)	x5	=	133 Sft.
Admin office	1 x1	x(15-5/8	+14)	x5	=	148 Sft.
Waiting	1 x1	x(15-1/4	+14)	x5	=	146 Sft.
Disp.	1 x1	x(12	+14)	x5	=	130 Sft.
Tibb	1 x1	x(12	+14)	x5	=	130 Sft.
Toilet	1 x1	x(5	+6)	x5	=	55 Sft.
Exam	1 x1	x(5-1/2	+7-5/8)	x5	=	66 Sft.
Diagnostic Block						
X.ray	1 x1	x(13-3/8	+17-1/4)	x5	=	153 Sft.
Film store	1 x1	x(8	+8-5/8)	x5	=	83 Sft.
Dark room	1 x1	x(8	+9)	x5	=	85 Sft.
Op.theather	1 x1	x(20	+18)	x5	=	190 Sft.
Nurse station	1 x1	x(8	+12-5/8)	x5	=	103 Sft.
Store	1 x1	x(8	+5)	x5	=	65 Sft.
Sterilization	1 x1	x(12	+9-5/8)	x5	=	108 Sft.
Scrub up	1 x1	x(12	+8)	x5	=	100 Sft.
Dilevery	1 x1	x(13-5/8	+18)	x5	=	158 Sft.
Labour room	1 x1	x(16	+13-5/8)	x5	=	148 Sft.
Toilet	1 x1	x(7-5/8	+13-5/8)	x5	=	106 Sft.
WC	2 x2	x(3-5/8	+5)	x5	=	173 Sft.
Doctor F.male	1 x1	x(8	+13-5/8)	x5	=	108 Sft.
Plaster room	1 x1	x(10	+13-5/8)	x5	=	118 Sft.
Doctor male	1 x1	x(8	+13-5/8)	x5	=	108 Sft.

Total

= 750 Rft.

@Rs.476.75/Rft

Rs. 357563/-

- 41 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: a) old surface:

1	x2	x55-1/4	x16-5/8	=	1837 Sft.
1	x2	x44-1/2	x16-5/8	=	1480 Sft.
1	x2	x19	x16-5/8	=	632 Sft.
1	x1	x22	x16-5/8	=	366 Sft.
1	x2	x79-3/4	x16-5/8	=	2652 Sft.
1	x2	x38	x16-5/8	=	1264 Sft.
1	x1	x66	x3	=	198 Sft.
			Total.	=	8429 Sft.

Deductions.

W1	1	x3	x12	x4	=	144 Sft.
W2	1	x6	x4	x4	=	96 Sft.
CW2	1	x7	x4	x1-1/2	=	42 Sft.
W6	1	x1	x2	x4	=	8 Sft.
DW1	1	x4	x5	x8-1/2	=	170 Sft.
"	1	x4	x4	x8	=	128 Sft.
				Total Deductions.	=	588 Sft.
Net Qty.			8429	(-) 588	=	7841 Sft.

@Rs.1723.15% Sft

Rs. 135112/-

Total

Rs. 10245274/-

Add: 3% Contingency

Rs. 307358/-

G.Total

Rs. 10552632/-

Sub Engineer,

Sub Divisional Officer
Buildings Sub Division
KaroriExecutive Engineer
Buildings Division
Layyah.

- 34 First class teak wood wrought joinery in doors and windows, etc. panelled, panelled and glazed or fully to glazed and fixed in position, including chowkat, holdfast, tower bolt, chocks, rubber stop, cleats/G.I. clamps, & chords with hooks, nails, screws, etc. complete (excluding sliding bolt and lock):- i) 2" (50 mm) thick

D2	3 x5	x7	=	105 Sft.
			=	105 Sft.
Total			@Rs.5618.55/Sft	Rs. 589948/-

- 35 Providing and Laying UPVC Door for wash room of approved manufactured i/c M.S chowkhat 1-1/2x1-1/2x1/4" fixing and all kinds of fitting such as handle tower bolts etc complete in all respect as approved by the Engineer Incharge

D7	1 x13	x2-1/2	x7	=	228 Sft.
				=	228 Sft.
Total			@Rs.1200.00/Sft	Rs. 273600/-	

- 36 PROVIDING AND FIXING BEST QUALITY FANCY DOOR HANDLE LOCK AS APPROVED BY THE ENGINEER INCHARGE WITH 5" MACHINE (IMPORTED QUALITY) ETC COMPLETE IN ALL RESPECT AND AS APPROVED BY THE ENGINEER INCHARGE.

1 x45	=	45 No.
Total	=	45 No.
@Rs.4000.00/Each		Rs. 180000/-

- 37 Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive/bond over 3/4" thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge d) (Non-Skid Chequered Tiles) 300mmx300mm

2 x20	x4	=	160 Sft.
		=	160 Sft.
Total		@Rs.190.50/Sft	Rs. 30480/-

- 38 Supply & Installation of Phillips, LED Light 24"x24" (RC 099v LED 36S / 865 W 60L60 GM) in False Ceiling of approved manufacturer i/c cost of all labour & material complete, as approved by the Engineer Incharge.

1 x10	=	10 No.
Total	=	10 No.
@Rs.13830.00/Each		Rs. 138300/-

- 39 Providing and Fixing Stainless Steel Edge Protector 2-1/2"x2-1/2" 18-Swg i/c Fixing With Screws on Porcelain Tile Dado Corners complete in all respects and as Approved by the Engineer Incharge

1 x250	x6	=	1500 Rft.
		=	1500 Rft.
Total		@Rs.373.00/Rft	Rs. 559500/-

- 40 Deodar wood dado or picture rail 3"x1 1/2" (75x40 mm) as per approved design including moulding and fixed in place, cost of screws, nails, plugs, and painting complete

50 x4	x2-1/2	=	500 Rft.
50 x1	x5	=	250 Rft.

W6	1 x1	x2	x1-1/2	=	3 Sft.
	1 x5	x20	x1	=	100 Sft.
	1 x5	x20	x 1/2	=	50 Sft.
Nurse counter.	2 x10	x2		=	40 Sft.
	1 x19	x20		=	380 Sft.
P.Farm	1 x20	x10		=	200 Sft.
Total					1412 Sft.

@Rs.841.40/Sft

Rs. 1188057/-

32 Providing and fixing 2 mm thick Double glazed aluminium windows of anodized bronze colour partly fixed and partly sliding using deluxe section of 100mm x 40mm x2 mm using frame (70501) at bottom, (70502) at Top & Side made of Pakistan Cables/Alcop having Leaf Frame size 31mm x 60mm x2 mm (70506) at Top & Bottom, 35mm x 60mm x2 mm (70505) at center and 35mm x 60mm x2 mm (70503) at sides, fixing 5 mm thick imported tinted double glass and air tight using double tape, chemical strips, Silicon using approved latches, wheels for channel, stopper, brush channel angle joint and hardware etc. (excluding the cost of Fly Proofing). Complete in all respect as approved and directed by the Engineer Incharge.

W1 A	1 x1	x12	x4	=	48 Sft.
W1	1 x2	x12	x4	=	96 Sft.
W2	1 x13	x4	x4	=	208 Sft.
W3	1 x2	x6	x4	=	48 Sft.
CW2	1 x13	x4	x1-1/2	=	78 Sft.
W5	1 x1	x7	x8-1/2	=	60 Sft.
W6	1 x1	x2	x4	=	8 Sft.
Fix glass wind.sitting.	2 x19	x3-1/2		=	133 Sft.
Waiting.	1 x16	x3-1/2		=	56 Sft.
Ward	1 x8	x3	x3-1/2	=	84 Sft.
	1 x1	x12	x3-1/2	=	42 Sft.
Total					861 Sft.

@Rs.1336.10/Sft

Rs. 1150382/-

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

DW1	1 x4	x5	x7	=	140 Sft.
	1 x4	x4	x7	=	112 Sft.
D4	1 x7	x3	x7	=	147 Sft.
D5	1 x7	x3	x7	=	147 Sft.
D5 A	1 x1	x3	x7	=	21 Sft.
D6	1 x3	x3	x7	=	63 Sft.
D6 A	1 x2	x3	x7	=	42 Sft.
D-3	1 x7	x4	x7	=	196 Sft.
D1	3 x5	x7		=	105 Sft.

Total = 973 Sft.

@Rs.716.50/Sft

Rs. 697155/-

Lobby/Anesthesai	2 x1	x(16-3/4	+15-1/4)	x6	=	384 Sft.
Disp.	2 x1	x(13	+19)	x6	=	384 Sft.
Treatment.	2 x1	x(18-3/4	+20)	x6	=	465 Sft.
Space for stret.	2 x1	x(6-3/4	+10)	x6	=	201 Sft.
Plaster	2 x1	x(14-3/4	+13-1/2)	x6	=	339 Sft.
Splint.	2 x1	x(14-3/4	+6-1/8)	x6	=	251 Sft.
Auto clave	2 x1	x(6	+10)	x6	=	192 Sft.
Change.	2 x1	x(6	+12)	x6	=	216 Sft.
"	2 x1	x(6	+8-7/8)	x6	=	179 Sft.
Corridor side.	2 x4	x(5	+8-1/4)	x6	=	636 Sft.
Porch	2 x1	x(19	+20)	x6	=	468 Sft.
Nurse.	2 x1	x(10	+10-1/4)	x6	=	243 Sft.
	2 x1	x(10	+12)	x6	=	264 Sft.
	2 x1	x(10	+10)	x6	=	240 Sft.
Corridor	2 x1	x(132	+8-1/4)	x6	=	1683 Sft.
P.Farm	2 x1	x(24	+10)	x6	=	408 Sft.
	2 x1	x(67-1/4	+25)	x6	=	1107 Sft.
O.P.T.	2 x1	x(20	+20)	x6	=	480 Sft.
Crush Hall	2 x1	x(30	+19)	x6	=	588 Sft.
Corridor side.	2 x1	x(80	+8-1/4)	x6	=	1059 Sft.
Lobby.	2 x1	x(15-5/8	+8-1/4)	x6	=	287 Sft.
Waiting	2 x2	x(16-5/8	+19)	x6	=	855 Sft.
Toilets	2 x1	x(5	+5)	x6	=	120 Sft.
	2 x1	x(6	+8-3/8)	x6	=	173 Sft.
	2 x1	x(10	+9-3/8)	x6	=	233 Sft.
Toilets	1 x5	x5			=	25 Sft.
	1 x6	x8-3/8			=	50 Sft.
	1 x10	x9-3/8			=	94 Sft.
Toilet.	1 x4-5/8	x4-1/2			=	21 Sft.
"	1 x4-3/4	x6			=	29 Sft.
"	3 x4	x5			=	60 Sft.
"	2 x6	x4			=	48 Sft.
"	1 x7	x5-5/8			=	39 Sft.
"	2 x3-1/4	x4			=	26 Sft.
	1 x4-5/8	x5			=	23 Sft.
	1 x5	x5			=	25 Sft.
Toilet.	2 x1	x(4-5/8	+4-1/2)	x6	=	110 Sft.
"	2 x1	x(4-3/4	+6)	x6	=	129 Sft.
"	2 x3	x(4	+5)	x6	=	324 Sft.
"	2 x2	x(6	+4)	x6	=	240 Sft.
"	2 x1	x(7	+5-5/8)	x6	=	152 Sft.
"	2 x2	x(3-1/4	+4)	x6	=	174 Sft.
	2 x1	x(4-5/8	+5)	x6	=	116 Sft.
	2 x1	x(5	+5)	x6	=	120 Sft.
Total						15504 Sft.

@Rs.1781.95%Sft

Rs. 276274/-

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

Fix glass wind.sitting.	2 x19	x3-1/2	x1-1/2	=	200 Sft.
Waiting.	1 x16	x3-1/2	x1-1/2	=	84 Sft.
Ward	1 x10	x3-1/2	x1-1/2	=	53 Sft.
	1 x12	x3-1/2	x1-1/2	=	63 Sft.
W1 A	1 x1	x12	x1-1/2	=	18 Sft.
W1	1 x2	x12	x1-1/2	=	36 Sft.
W2	1 x13	x4	x1-1/2	=	78 Sft.
W3	1 x2	x6	x1-1/2	=	18 Sft.
CW2	1 x13	x4	x1-1/2	=	78 Sft.
W5	1 x1	x7	x1-1/2	=	11 Sft.

	2 x1	x(6	+8-3/8)	x6	=	173 Sft.
	2 x1	x(10	+9-3/8)	x6	=	233 Sft.
Toilet.	2 x1	x(4-5/8	+4-1/2)	x6	=	110 Sft.
"	2 x1	x(4-3/4	+6)	x6	=	129 Sft.
"	2 x3	x(4	+5)	x6	=	324 Sft.
"	2 x2	x(6	+4)	x6	=	240 Sft.
"	2 x1	x(7	+5-5/8)	x6	=	152 Sft.
"	2 x2	x(3-1/4	+4)	x6	=	174 Sft.
	2 x1	x(4-5/8	+5)	x6	=	116 Sft.
	2 x1	x(5	+5)	x6	=	120 Sft.
	Total					1891 Sft.

@Rs.209.65/Sft

Rs. 396448/-

28 Providing and fixing false ceiling comprises of Gypsum board laminated sheet of size 2'x2'/2'x3'/3'x3' of specified design and thickness i/c cost of fixtures i.e galvanized angle 1"x1" at wall sides, galvanized tee 1 1/4"x1" and 1 1/2"x1" both at 4'c/c (made of Taiwan CK More equivalent), hanging with G.I/Copper wire 16SWG, G.I hook, Rawal Plug etc: complete in all respects as approved and directed by the Engineer Incharge iv) 12 mm thick

X-ray room	1 x13	x19	=	247 Sft.
Dark room.	1 x7	x8-1/4	=	58 Sft.
Cross match etc.	3 x10	x19	=	570 Sft.
Tel./Rec.	2 x10	x8-3/4	=	175 Sft.
Duct.	1 x6-3/4	x8-1/2	=	57 Sft.
Lobby/Anesthesai	1 x16-3/4	x15-1/4	=	255 Sft.
Disp.	1 x13	x19	=	247 Sft.
Treatment.	1 x18-3/4	x20	=	375 Sft.
Space for stret.	1 x6-3/4	x10	=	68 Sft.
Plaster	1 x14-3/4	x13-1/2	=	199 Sft.
Splint.	1 x14-3/4	x6-1/8	=	90 Sft.
Auto clave	1 x6	x10	=	60 Sft.
Change.	1 x6	x12	=	72 Sft.
"	1 x6	x8-7/8	=	53 Sft.
Nurse.	1 x10	x10-1/4	=	103 Sft.
	1 x10	x12	=	120 Sft.
	1 x10	x10	=	100 Sft.
Door sills D3	1 x4	x 3/4	=	3 Sft.
D4	3 x3-1/2	x 3/4	=	8 Sft.
Opening.	1 x8	x 3/4	=	6 Sft.
D5	2 x3	x 3/4	=	5 Sft.
Tele D6	1 x3	x 3/4	=	2 Sft.
Rec	1 x3	x 3/4	=	2 Sft.
Duct D5A	1 x3	x 3/4	=	2 Sft.
D1	2 x5	x 3/4	=	8 Sft.
D4 plaster.	1 x3-1/2	x 3/4	=	3 Sft.
D6 A	2 x3	x 3/4	=	5 Sft.
D2	1 x5	x 3/4	=	4 Sft.
D3	1 x4	x 3/4	=	3 Sft.
Crush Hall	1 x30	x19	=	570 Sft.

Total

3470 Sft.

@Rs.89.35/Sft

Rs. 310045/-

30 Preparing surface and painting with emulsion paint:-
2 coats old surface.

X-ray room	2 x1	x(13	+19)	x6	=	384 Sft.
Dark room.	2 x1	x(7	+8-1/4)	x6	=	183 Sft.
Cross match etc.	2 x3	x(10	+19)	x6	=	1044 Sft.
Tel/Rec.	2 x2	x(10	+8-3/4)	x6	=	450 Sft.
Duct.	2 x1	x(6-3/4	+8-1/2)	x6	=	183 Sft.

D2	1 x5	x 3/4	=	4 Sft.
D3	1 x4	x 3/4	=	3 Sft.
Total				2577 Sft.

@Rs.302.25/Sft

Rs. 778898/-

25 Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting/dado of specified size, Color and Shade with adhesive/ bond over 1/2"thick (1:2) cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge. a) Full body Glazed Tile (ii) 600mm x600 mm

X-ray room	2 x1	x(13 +19)	x6	=	384 Sft.
Dark room.	2 x1	x(7 +8-1/4)	x6	=	183 Sft.
Cross match etc.	2 x3	x(10 +19)	x6	=	1044 Sft.
Tel/Rec.	2 x2	x(10 +8-3/4)	x6	=	450 Sft.
Duct.	2 x1	x(6-3/4 +8-1/2)	x6	=	183 Sft.
Lobby/ Ansthesai	2 x1	x(16-3/4 +15-1/4)	x6	=	384 Sft.
Disp.	2 x1	x(13 +19)	x6	=	384 Sft.
Treatment.	2 x1	x(18-3/4 +20)	x6	=	465 Sft.
Space for stret.	2 x1	x(6-3/4 +10)	x6	=	201 Sft.
Plaster	2 x1	x(14-3/4 +13-1/2)	x6	=	339 Sft.
Splint.	2 x1	x(14-3/4 +6-1/8)	x6	=	251 Sft.
Auto clave	2 x1	x(6 +10)	x6	=	192 Sft.
Change.	2 x1	x(6 +12)	x6	=	216 Sft.
"	2 x1	x(6 +8-7/8)	x6	=	179 Sft.
Total				=	4855 Sft.

@Rs.302.25/Sft

Rs. 1467424/-

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

Toilets	1 x5	x5	=	25 Sft.
	1 x6	x8-3/8	=	50 Sft.
	1 x10	x9-3/8	=	94 Sft.
Toilet.	1 x4-5/8	x4-1/2	=	21 Sft.
"	1 x4-3/4	x6	=	29 Sft.
"	3 x4	x5	=	60 Sft.
"	2 x6	x4	=	48 Sft.
"	1 x7	x5-5/8	=	39 Sft.
"	2 x3-1/4	x4	=	26 Sft.
	1 x4-5/8	x5	=	23 Sft.
	1 x5	x5	=	25 Sft.
Total				440 Sft.

@Rs.202.70/Sft

Rs. 89188/-

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

Toilets	2 x1	x(5 +5)	x6	=	120 Sft.
---------	------	----------	----	---	----------

Corridor side	1 x80	x8-1/4	x 1/8	=	83 Cft.
Lobby	1 x15-5/8	x8-1/4	x 1/8	=	16 Cft.
Waiting	2 x16-5/8	x19	x 1/8	=	79 Cft.
Total.				=	284 Cft.

@Rs.28918.55% Cft

Rs. 82129/-

- 22 Reinforced cement concrete in roof slab, beams, columns, lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- (3) (c) Type C (nominal mix 1: 2: 4)

Counter tegha	2 x12	x3	x 3/8	=	27 Cft.
	7 x5	x3	x 3/8	=	39 Cft.
W.Room shelf	2 x10	x5	x 3/8	=	38 Cft.
Lintel W.Room	10 x4	x 3/8	x 1/2	=	8 Cft.
	10 x6-1/2	x 3/4	x 3/4	=	37 Cft.
	5 x8-1/2	x1-1/8	x1	=	48 Cft.
Total				=	197.00 Cft.

@Rs.471.80/Cft

Rs. 92945/-

- 23 Fabrication of M.S reinforcement i/c cutting bending binding laying in position making joints and fasterings including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- b- deformed bars

Take Qty 6.75 Lbs/Cft of above Item

197.00	x6.75	x0.454	=	604 Kg
			=	604 Kg

@Rs.25948.05%Kg

Rs. 156726/-

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

X-ray room	1 x13	x19	=	247 Sft.
Dark room.	1 x7	x8-1/4	=	58 Sft.
Cross match etc.	3 x10	x19	=	570 Sft.
Tel/Rec.	2 x10	x8-3/4	=	175 Sft.
Duct.	1 x6-3/4	x8-1/2	=	57 Sft.
Lobby/Ansthesai	1 x16-3/4	x15-1/4	=	255 Sft.
Disp.	1 x13	x19	=	247 Sft.
Treatment.	1 x18-3/4	x20	=	375 Sft.
Space for stret.	1 x6-3/4	x10	=	68 Sft.
Plaster	1 x14-3/4	x13-1/2	=	199 Sft.
Splint.	1 x14-3/4	x6-1/8	=	90 Sft.
Auto clave	1 x6	x10	=	60 Sft.
Change.	1 x6	x12	=	72 Sft.
"	1 x6	x8-7/8	=	53 Sft.
Door sills D3	1 x4	x 3/4	=	3 Sft.
D4	3 x3-1/2	x 3/4	=	8 Sft.
Opening.	1 x8	x 3/4	=	6 Sft.
D5	2 x3	x 3/4	=	5 Sft.
Tele D6	1 x3	x 3/4	=	2 Sft.
Rec	1 x3	x 3/4	=	2 Sft.
Duct D5A	1 x3	x 3/4	=	2 Sft.
D1	2 x5	x 3/4	=	8 Sft.
D4 plaster.	1 x3-1/2	x 3/4	=	3 Sft.
D6 A	2 x3	x 3/4	=	5 Sft.

- 16 Providing and fitting plastic made low down flushing cistern 13.63 litre (3 gallons) capacity, including bracket set, copper connection, etc. complete. ii) coloured

2 x10

= 20 No.
Total = 20 No.
@Rs.2379.65/Each Rs. 47593/-

- 17 Providing and fitting European Coupled set of Water Closet (WC) and flushing Cistern of PORTA brand (fullsize) i/c the cost of CP rubber connection, thimble, seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge.

1 x10

= 10 No.
Total = 10 No.
@Rs.13915.80/Each Rs. 139158/-

- 18 Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of 3-No Tee stop cocks, lever type Basin Mixer, double Bib Cock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge. (i) 3 No Tee Stop Cock (ii) Lever Type Basin Mixer (iii) Double Bib Cock (iv) Open Type Wall Shower (v) Muslim shower (vi) Waste Coupling (vii) Bottle Trap

1 x4

= 4 No.
Total = 4 No.
@Rs.32650.85/Each Rs. 130603/-

- 19 Providing and fitting glazed earthen ware wash hand basin 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc.v) Under Counter Vanity Basin

1 x4

= 4 No.
Total = 4 No.
@Rs.6603.90/Each Rs. 26416/-

- 20 Providing and fixing BATHROOM ACCESSORIES (7-piece set) MASTER BRAND - One Cosmetic Shelf, One Towel rod with bracket, One soap dish, One double hook, One towel ring, brush holder, toilet paper holder & looking glass i/c the cost of hardwares etc complete in all respect as approved and directed by the Engineer incharge. i) Plastic soap dish ii) Plastic toilet paper holder iii) Plastic tower rail iv) Plastic shelf 60x13 cm (24"x5") with bracket and railing v) Plastic Brush holder vi) Looking glass with plastic frame vii) Towel rail

1 x4

= 4 No.
Total = 4 No.
@Rs.6600.00/Each Rs. 26400/-

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

Toilet.	1 x4-5/8	x4-1/2	x 1/8
"	1 x4-3/4	x6	x 1/8
"	3 x4	x5	x 1/8
"	2 x6	x4	x 1/8
"	1 x7	x5-5/8	x 1/8
"	2 x3-1/4	x4	x 1/8
"	1 x4-5/8	x5	x 1/8
"	1 x5	x5	x 1/8
Crush Hall	1 x30	x19	x 1/8

= 3 Cft.
= 4 Cft.
= 8 Cft.
= 6 Cft.
= 5 Cft.
= 3 Cft.
= 3 Cft.
= 3 Cft.
= 71 Cft.

@Rs.343.20/%Sft

Rs. 9177/-

10 1/2" thick cement plaster 1:4 upto 20' (6.00 mm) height:-

Out Side	1 x2	x55-1/4	x5	=	553 Sft.
	1 x2	x44-1/2	x5	=	445 Sft.
	1 x2	x19	x5	=	190 Sft.
	1 x1	x22	x5	=	110 Sft.
	1 x2	x79-3/4	x5	=	798 Sft.
	1 x2	x38	x5	=	380 Sft.
	1 x1	x66	x3	=	198 Sft.
4-1/2" thick Toilet wall.	2 x1	x1	x4-5/8	x12	= 111 Sft.
	2 x1	x1	x10-3/4	x12	= 258 Sft.
	2 x1	x2	x6	x12	= 288 Sft.
	2 x1	x1	x11-3/8	x12	= 273 Sft.
	2 x1	x1	x10	x12	= 240 Sft.
	2 x1	x3	x7	x12	= 504 Sft.
	2 x1	x3	x5	x12	= 360 Sft.
Counter tegha	2 x2	x4	x3	x3	= 144 Sft.
	2 x2	x1	x12	x3	= 144 Sft.
W.Room shelf	2 x7	x2	x3	x3	= 252 Sft.
	2 x7	x1	x5	x3	= 210 Sft.
Main counter	2 x2	x2	x5	x4	= 160 Sft.
	2 x2	x2	x10	x4	= 320 Sft.

Total = 5938 Sft.

@Rs.2591.50/%Sft

Rs. 153883/-

11 Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height. a) 1:2

Counter tegha	1 x2	x4	x3	x3	= 72 Sft.
	1 x2	x1	x12	x3	= 72 Sft.
W.Room shelf	1 x7	x2	x3	x3	= 126 Sft.
	1 x7	x1	x5	x3	= 105 Sft.
Main counter	1 x2	x2	x5	x4	= 80 Sft.
	1 x2	x2	x10	x4	= 160 Sft.

Total = 615 Sft.

@Rs.2955.85/%Sft

Rs. 18178/-

12 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. b) 4" i/d (100 mm)

	1 x3	x7	x15	= 315 Rft.
	1 x3	x3	x10	= 90 Rft.

Total = 405 Rft.

@Rs.418.35/Rft

Rs. 169432/-

13 Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with foot rest. Coloured

	2 x10	= 20 No.
--	-------	----------

Total = 20 No.

@Rs.2174.70/Each

Rs. 43494/-

14 Providing and fitting "P" trap:- ii) 10 cm (4") glazed.

	2 x10	= 20 No.
--	-------	----------

Total = 20 No.

@Rs.218.35/Each

Rs. 4367/-

15 Providing and fitting 10 cm (4") gully trap, including cement concrete, cost of PVC grating 15x15 cm (6"x6") and masonry chamber 30x30 cm (12"x12").

	2 x10	= 20 No.
--	-------	----------

Total = 20 No.

@Rs.899.30/Each

Rs. 17986/-

4.4

Total. = 35 Cft.

@Rs.9060.50% Cft

Rs. 3171/-

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

Toilet.	1 x4-5/8	x4-1/2	x 1/3	=	7 Cft.
"	1 x4-3/4	x6	x 1/3	=	9 Cft.
"	3 x4	x5	x 1/3	=	20 Cft.
"	2 x6	x4	x 1/3	=	16 Cft.
"	1 x7	x5-5/8	x 1/3	=	13 Cft.
"	2 x3-1/4	x4	x 1/3	=	9 Cft.
"	1 x4-5/8	x5	x 1/3	=	8 Cft.
"	1 x5	x5	x 1/3	=	8 Cft.
Total.				=	90 Cft.

@Rs.2743.20% Cft

Rs. 2469/-

7 Providing, laying, watering and ramming brick ballast 1 1/2" to 2" (40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects.

Toilet.	1 x4-5/8	x4-1/2	x 1/3	=	7 Cft.
"	1 x4-3/4	x6	x 1/3	=	9 Cft.
"	3 x4	x5	x 1/3	=	20 Cft.
"	2 x6	x4	x 1/3	=	16 Cft.
"	1 x7	x5-5/8	x 1/3	=	13 Cft.
"	2 x3-1/4	x4	x 1/3	=	9 Cft.
"	1 x4-5/8	x5	x 1/3	=	8 Cft.
"	1 x5	x5	x 1/3	=	8 Cft.
Crush Hall	1 x30	x19	x 1/3	=	190 Cft.
Corridor side.	1 x80	x8-1/4	x 1/3	=	220 Cft.
Lobby.	1 x15-5/8	x8-1/4	x 1/3	=	43 Cft.
Waiting	2 x16-5/8	x19	x 1/3	=	210 Cft.
Total.				=	753 Cft.

@Rs.5161.30% Cft

Rs. 38865/-

8 Pacca brick work in ground floor:- i) cement, sand mortar:- Ratio 1:4

4-1/2" thick Toilet wall.	1 x1	x4-5/8	x 3/8	x12	=	21 Cft.
	1 x1	x10-3/4	x 3/8	x12	=	48 Cft.
	1 x2	x6	x 3/8	x12	=	54 Cft.
	1 x1	x11-3/8	x 3/8	x12	=	51 Cft.
	1 x1	x10	x 3/8	x12	=	45 Cft.
	1 x3	x7	x 3/8	x12	=	95 Cft.
	1 x3	x5	x 3/8	x12	=	68 Cft.
Counter tegha	2 x4	x3	x 3/8	x3	=	27 Cft.
	2 x1	x12	x 3/8	x3	=	27 Cft.
W.Room shelf	7 x2	x3	x 3/8	x3	=	47 Cft.
	7 x1	x5	x 3/8	x3	=	39 Cft.
Main counter	2 x2	x5	x 3/4	x4	=	60 Cft.
	2 x2	x10	x 3/4	x4	=	120 Cft.
Total.					=	702 Cft.
Deductions.						
Door opening.	1 x7	x2-1/2	x 3/8	x7	=	46 Cft.
Lintel.	1 x7	x3-1/2	x 3/8	x 1/2	=	5 Cft.
Total Deductions.					=	51 Cft.
Net Qty.		702	(-)	51	=	651 Cft.

@Rs.25252.95% Cft

Rs. 164397/-

9 Removing cement plaster from walls.

Out Side	1 x2	x55-1/4	x5	=	553 Sft.
	1 x2	x44-1/2	x5	=	445 Sft.
	1 x2	x19	x5	=	190 Sft.
	1 x1	x22	x5	=	110 Sft.
	1 x2	x79-3/4	x5	=	798 Sft.
	1 x2	x38	x5	=	380 Sft.
	1 x1	x66	x3	=	198 Sft.
Total				=	2674 Sft.

	1 x5	x5		=	25 Sft.
Toilet	1 x2	x(4-5/8	+4-1/2)	x4	= 73 Sft.
	1 x2	x(4-3/4	+6)	x4	= 86 Sft.
	3 x2	x(4	+5)	x4	= 216 Sft.
	2 x2	x(6	+4)	x4	= 160 Sft.
	1 x2	x(7	+5-5/8)	x4	= 101 Sft.
	2 x2	x(3-1/4	+4)	x4	= 116 Sft.
	1 x2	x(4-5/8	+5)	x4	= 77 Sft.
	1 x2	x(5	+5)	x4	= 80 Sft.
					<u>13107 Sft.</u>
					@Rs.1932.50%Sft

Rs. 253293/-

2 Removing door with chowkat.

DW2	2		=	2 No.
DW2	2		=	2 No.
D1	3		=	3 No.
D2	3		=	3 No.
D-3	7		=	7 No.
D4	7		=	7 No.
D5	7		=	7 No.
D5 A	1		=	1 No.
D6	3		=	3 No.
D6 A	2		=	2 No.
D7	7		=	7 No.
				<u>44 No.</u>
				@Rs.362.35/Each

Rs. 15943/-

3 Removing windows and sky lights with chowkat.

Ward	8		=	8 No.
	1		=	1 No.
W1 A	12		=	12 No.
W1	24		=	24 No.
W3	12		=	12 No.
W5	7		=	7 No.
W6	2		=	2 No.
				<u>66 No.</u>
				@Rs.283.15/Each

Rs. 18688/-

4 Dismantling brick work in lime or cement mortar.

4-1/2" thick Toilet wall.	1 x1	x4-5/8	x 3/8	x12	=	21 Cft.
	1 x1	x10-3/4	x 3/8	x12	=	48 Cft.
	1 x2	x6	x 3/8	x12	=	54 Cft.
	1 x1	x11-3/8	x 3/8	x12	=	51 Cft.
	1 x1	x10	x 3/8	x12	=	45 Cft.
	1 x3	x7	x 3/8	x12	=	95 Cft.
	1 x3	x5	x 3/8	x12	=	68 Cft.
					=	<u>382 Cft.</u>
Deductions.						
Door opening.	1 x7	x2-1/2	x 3/8	x7	=	46 Cft.
Lintel.	1 x7	x3-1/2	x 3/8	x 1/2	=	5 Cft.
					=	<u>51 Cft.</u>
Net Qty.		382	(-)	51	=	331 Cft.
						@Rs.3500.65%Cft

Rs. 11587/-

5 Dismantling cement concrete 1:2:4 plain.

Toilet.	1 x4-5/8	x4-1/2	x 1/8	=	3 Cft.
"	1 x4-3/4	x6	x 1/8	=	4 Cft.
"	3 x4	x5	x 1/8	=	8 Cft.
"	2 x6	x4	x 1/8	=	6 Cft.
"	1 x7	x5-5/8	x 1/8	=	5 Cft.
"	2 x3-1/4	x4	x 1/8	=	3 Cft.
"	1 x4-5/8	x5	x 1/8	=	3 Cft.
"	1 x5	x5	x 1/8	=	3 Cft.

**ROUGH COST ESTIMATE ON DETAIL BASIS FOR THE WORK REVENUE OF
EMERGENCY BLOCK IN TEHSIL HEAD QUARTER HOSPITAL KAROR LAL EASON
DISTRICT LAYYAH**

MRS 1st Bi-annual 2022 (1st January 2022 to 30th June 2022 for District Layyah)

1 Dismantling glazed or encaustic tiles, etc.

X-ray room	1 x13	x19	=	247 Sft.
Dark room.	1 x7	x8-1/4	=	58 Sft.
Cross match etc.	3 x10	x19	=	570 Sft.
Tel/Rec.	2 x10	x8-3/4	=	175 Sft.
Duct.	1 x6-3/4	x8-1/2	=	57 Sft.
Lobby/Ansthesai	1 x16-3/4	x15-1/4	=	255 Sft.
Disp.	1 x13	x19	=	247 Sft.
Treatment.	1 x18-3/4	x20	=	375 Sft.
Space for stret.	1 x6-3/4	x10	=	68 Sft.
Plaster	1 x14-3/4	x13-1/2	=	199 Sft.
Splint.	1 x14-3/4	x6-1/8	=	90 Sft.
Auto clave	1 x6	x10	=	60 Sft.
Change.	1 x6	x12	=	72 Sft.
"	1 x6	x8-7/8	=	53 Sft.
Corridor side.	4 x5	x8-1/4	=	165 Sft.
Porch	1 x19	x20	=	380 Sft.
Nurse.	1 x10	x10-1/4	=	103 Sft.
	1 x10	x12	=	120 Sft.
	1 x10	x10	=	100 Sft.
4 bedded ward	2 x20-3/4	x19	=	789 Sft.
Corridor	1 x132	x8-1/4	=	1089 Sft.
P.Farm	1 x24	x10	=	240 Sft.
Toilets	1 x5	x5	=	25 Sft.
	1 x6	x8-3/8	=	50 Sft.
	1 x10	x9-3/8	=	94 Sft.
	1 x67-1/4	x25	=	1681 Sft.
Door sills D3	1 x4	x 3/4	=	3 Sft.
D4	3 x3-1/2	x 3/4	=	8 Sft.
Opening.	1 x8	x 3/4	=	6 Sft.
D5	2 x3	x 3/4	=	5 Sft.
Tele D6	1 x3	x 3/4	=	2 Sft.
Rec	1 x3	x 3/4	=	2 Sft.
Duct D5A	1 x3	x 3/4	=	2 Sft.
D1	2 x5	x 3/4	=	8 Sft.
D4 plaster.	1 x3-1/2	x 3/4	=	3 Sft.
D6 A	2 x3	x 3/4	=	5 Sft.
D2	1 x5	x 3/4	=	4 Sft.
D3	1 x4	x 3/4	=	3 Sft.
O.P.T.	1 x20	x20	=	400 Sft.
Crush Hall	1 x30	x19	=	570 Sft.
Corridor side.	1 x80	x8-1/4	=	660 Sft.
Lobby.	1 x15-5/8	x8-1/4	=	129 Sft.
Waiting	2 x16-5/8	x19	=	632 Sft.
Skirting				
OPT	1 x2	x(20 +20)	x5	= 400 Sft.
Crush hall	1 x2	x(30 +19)	x5	= 490 Sft.
Corridor.	1 x2	x(80 +8-1/4)	x5	= 883 Sft.
Waiting.	1 x2	x(16 +19)	x5	= 350 Sft.
Toilet.	1 x4-5/8	x4-1/2	=	21 Sft.
"	1 x4-3/4	x6	=	29 Sft.
"	3 x4	x5	=	60 Sft.
"	2 x6	x4	=	48 Sft.
"	1 x7	x5-5/8	=	39 Sft.
"	2 x3-1/4	x4	=	26 Sft.
"	1 x4-5/8	x5	=	23 Sft.

Description	Quantity	Unit.	As Per A.A					Total Rate	Amount	Quantity	Unit.	As per Amended				Total Rate	Amount	Difference				Remarks.
			BI-ANNUAL-2021									ANNUAL-2022						Excess	Saving			
			B:Portion	P.H	E.I	B:Portion	P.H					E.I										
													17	18	19							
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19					
Provision of Electric Instalation and Sanitary fittings. (OPD Block)	23852	Sft	P.Sft	Rs.		20 30	Rs. 50.00	Rs. 1192600	23852	Sft	P.Sft	Rs.		55 73	Rs. 128.00	Rs. 3053056	Rs. 1860456	Rs. Rs.--Nil--	Plinth Area Rates			
Provision of Electric Instalation and Sanitary fittings. (Dignostic Block)	4506	Sft	P.Sft	Rs.		20 30	Rs. 50.00	Rs. 225300	4506	Sft	P.Sft	Rs.		55 73	Rs. 128.00	Rs. 576768	Rs. 351468	Rs. Rs.--Nil--	Plinth Area Rates			
Provision of Electric Instalation and Sanitary fittings. (Indoor Block)	8700	Sft	P.Sft	Rs.		20 30	Rs. 50.00	Rs. 435000	8700	Sft	P.Sft	Rs.		55 73	Rs. 128.00	Rs. 1113600	Rs. 678600	Rs. Rs.--Nil--	Plinth Area Rates			
Provision of Electric Instalation and Sanitary fittings. (Emergency Block)	10700	Sft	P.Sft	Rs.		20 30	Rs. 50.00	Rs. 535000	10700	Sft	P.Sft	Rs.		55 73	Rs. 128.00	Rs. 1369600	Rs. 834600	Rs. Rs.--Nil--	Plinth Area Rates			
Construction of Waiting Shed	1	No	Job	Rs.	1012500			Rs. 1012500.00	Rs. 1012500	1	No	Job	Rs.	1148100		Rs. 1148100.00	Rs. 1148100	Rs. 135600	Rs. Rs.--Nil--	Detailed attached		
Construction of Car Parking Shed	1	No	Job	Rs.	606600			Rs. 606600.00	Rs. 606600	1	No	Job	Rs.	639600		Rs. 639600.00	Rs. 639600	Rs. 33000	Rs. Rs.--Nil--	Detailed attached		
External Development	1	No	Job	Rs.	11346900			Rs. 11346900.00	Rs. 11346900	1	No	Job	Rs.	14673900		Rs. 14673900.00	Rs. 14673900	Rs. 3327000	Rs. Rs.--Nil--			
							Total =	Rs. 45519823						Total =	Rs. 58493898	Rs. 14027212	Rs. 267303					
Recovery of Old Material	1	No	Job	Rs.	1805429			Rs. 1805429.00	Rs. 1805429	1	No	Job	Rs.	1805429		Rs. 1805429.00	Rs. 1805429	Rs. Rs.--Nil--	Rs. Rs.--Nil--			
							Total =	Rs. 43714394						Total =	Rs. 56688469	Rs. 14027212	Rs. 267303					
Add:5% PRA Charges.								Rs. 2185720							Rs. 2834423	Rs. 648703	Rs. Rs.--Nil--					
							G.Total.	Rs. 45900114						G.Total.	Rs. 59522892	Rs. 14675915	Rs. 267303					
							45900100	Rs. 45.900(M)						59522900	Rs. 59.523(M)	Rs. 14.676(M)	Rs. 0.267(M)					

Sub Engineer

Sub Division Officer
Buildings Sub Division
KarorExecutive Engineer
Buildings Division
LayyahSuperintending Engineer
Buildings Circle
Dera Ghazi Khan

4-1 - 11/11

4.

AMENDED ROUGH COST ESTIMATE FOR THE WORK "REVAMPING OF TEHSIL HEAD QUARTER HOSPITAL KAROR DISTRICT LAYYAH FOR THE YEAR 2021-22

ABSTRACT OF COST.

Description	Quantity	Unit	As Per A.A			Total Rate	Amount	Quantity	Unit	As per Amended			Total Rate	Amount	Difference		Remarks										
			BI-ANNUAL-2021							ANNUAL-2022					Excess	Saving											
			B:Portion	P.H	E.I					B:Portion	P.H	E.I															
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19										
NON RESIDENTIAL PORTION.																											
Construction of Room for Purification Plant (16.50x15')	297	Sft	P.Sft	Rs.	1988	75	98	Rs.	2161.00	Rs.	641817	297	Sft	P.Sft	Rs.	2574	110	146	Rs.	2830.00	Rs.	840510	Rs.	198693	Rs.	Rs.-Nil-	Plinth Area Rates for 1st BI-ANNUAL-2022 (1ST Jan TO 30th June 2022) DISTRICT LAYYAH.
Cost of Revemping of Emergency Block	1	No	Job	Rs.	8450582			Rs.	8450582.00	Rs.	8450582	1	No	Job	Rs.	10552632			Rs.	10552632.00	Rs.	10552632	Rs.	2102050	Rs.	Rs.-Nil-	Detailed attached
Cost of Revemping of OPD,Diagonstic & Indoor Block	1	No	Job	Rs.	16779480			Rs.	16779480.00	Rs.	16779480	1	No	Job	Rs.	19657991			Rs.	19657991.00	Rs.	19657991	Rs.	2878511	Rs.	Rs.-Nil-	Detailed attached
Cost of RO water Filtration Plant with hyginic Ultra filtraion 4000 LPH .	1	No	Each	Rs.	1455200			Rs.	1455200.00	Rs.	1455200	1	No	Each	Rs.	1808100			Rs.	1808100.00	Rs.	1808100	Rs.	352900	Rs.	Rs.-Nil-	Analysis attached
Cost of Chiller .	1	No	Each	Rs.	252800			Rs.	252800.00	Rs.	252800	1	No	Each	Rs.	339100			Rs.	339100.00	Rs.	339100	Rs.	86300	Rs.	Rs.-Nil-	Analysis attached
Providing and fixing anti climb high security galvanized razor cutwire having double sharp four U-shaped pointed 0.5 mm thick (22mmx15 mm barbs) spaced @ 33 mm c/c claddd over 2.5 mm diahigh tensile Core wire making coil fencing of specified diameter @ 4"c/c fixed on 2'-3" high M/S angle iron post 1½"x1½"x3/16"embeded in base of PCC (1:2:4) (4"x4"x9") @ 4' apart i/c the cost of 2 No. bars 3/8" dia welded horizantally with angle iron posts , binding wire, painting of posts, etc. complete in all respects as pproved and directed by the Engineer incharge.(i) 24 " diameter	3242	Rft	Rft	Rs.	405			Rs.	405.00	Rs.	1313010	3242	Rft	Rft	Rs.	322.55			Rs.	322.55	Rs.	1045707	Rs.	Rs.-Nil-	Rs.	267303	MRS Rates 1st Biannual 2022
iv) Gate & Gate Pillar	2	No	Each	Rs.	243600			Rs.	243600.00	Rs.	487200	2	No	Each	Rs.	444700			Rs.	444700.00	Rs.	889400	Rs.	402200	Rs.	Rs.-Nil-	Detailed attached

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 SIF ANDAR 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, 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)

Sr. No.	Sub-Scheme Title	2 nd Revised Cost		
		Capital Component	Revenue Component	Total
40	Revamping of THQ Hospital, Thal (Nawaz Sharif Hospital) District Layyah	49.457	216.099	265.556
41	Revamping of THQ Hospital, Darya Khan District Bhakkar	37.975	211.198	249.173
42	Revamping of THQ Hospital, Duniyapur District Lodhran	10.040	165.314	175.354
43	Revamping of THQ Hospital, Jahanian District Khanewal	26.965	203.353	230.318
44	Revamping of THQ Hospital, Kolli Sattian District Rawalpindi	26.949	199.680	226.629
45	Revamping of THQ Hospital, Kot Sultan District Layyah	45.918	201.877	247.795
46	Revamping of THQ Hospital, Alipur District Muzaffargarh	38.221	197.188	235.409
47	Revamping of THQ Hospital, Choubara District Layyah	36.589	206.216	242.805
48	Revamping of THQ Hospital, Fort Abbas District Bahawalnagar	9.932	197.810	207.742
49	Revamping of THQ Hospital, Haroonabad District Bahawalnagar	12.235	193.588	205.823
50	Revamping of THQ Hospital, Jalalpur Pirwala District Multan	25.103	206.068	231.171
51	Revamping of THQ Hospital, Jampur District Rajanpur	44.967	182.199	227.166
52	Revamping of THQ Hospital, Jatoi District Muzaffargarh	52.216	207.414	259.630
53	Revamping of THQ Hospital, Kabirwala District Khanewal	24.787	219.815	244.602
54	Revamping of THQ Hospital, Kamalia District Toba Tek Singh	72.400	189.701	262.101
55	Revamping of THQ Hospital, Karor Lalesan District Layyah	45.900	227.684	273.584
56	Revamping of THQ Hospital, Kehror Pacca District Lodhran	41.127	208.091	249.218
57	Revamping of THQ Hospital, Mailsi District Vehari	48.045	196.999	245.044
58	Revamping of THQ Hospital, Minchinabad District Bahawalnagar	11.667	213.996	225.663
59	Revamping of THQ Hospital, Pind Dadan Khan District Jehlum	85.878	219.752	305.631
60	Revamping of THQ Hospital, Kunjah District Gujrat	25.236	184.414	209.650

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

[Handwritten signature]

Sr. No.	Sub-Scheme Title	2 nd Revised Cost	
		Capital Component	Revenue Component
17	Revamping of THQ Hospital, Pindi Bhattian District Hafizabad	71.599	164.789
18	Revamping of THQ Hospital, Sharakpur Sharif District Sheikhupura	49.736	201.746
19	Revamping of THQ Hospital, Hassan Abdal District Attock	94.954	172.721
20	Revamping of THQ Hospital, Khairpur Tamewali District Bahawalpur	35.773	185.083
21	Revamping of THQ Hospital, Noshehra Virkan District Gujranwala	14.984	190.699
22	Revamping of THQ Hospital, Safdarabad District Sheikhupura	49.949	193.357
23	Revamping of THQ Hospital, Sambrial District Sialkot	80.617	193.382
24	Revamping of THQ Hospital, Shakargarh District Narowal	95.535	225.674
25	Revamping of THQ Hospital, Talagang District Chakwal	36.911	193.007
26	Revamping of THQ Hospital, Depalpur District Okara	66.879	195.396
27	Revamping of THQ Hospital, Hasilpur District Bahawalpur	36.223	205.341
28	Revamping of THQ Hospital, Kharian District Gujrat	14.419	202.032
29	Revamping of THQ Hospital, Khushab District Khushab	87.683	186.338
30	Revamping of THQ Hospital, Muridke District Sheikhupura	60.392	203.829
31	Revamping of THQ Hospital, Pasrur District Sialkot	10.882	208.416
32	Revamping of THQ Hospital, Pindi Gheb District Attock	163.123	236.342
33	Revamping of THQ Hospital, Shahkot District Nankana	49.809	197.012
34	Revamping of THQ Hospital, Shahpur District Sargodha	48.998	190.360
35	Revamping of THQ Hospital, Yazman District Bahawalpur	44.523	160.991
36	Revamping of THQ Hospital, Chowk Azam District Layyah	47.156	210.394
37	Revamping of THQ Hospital, Lalian District Chiniot	19.914	190.140
38	Revamping of THQ Hospital, Murree District Rawalpindi	14.996	180.758
39	Revamping of THQ Hospital, Rojhan District Rajanpur	14.048	200.543

477-77 477-77

20 11 1



Primary & Secondary
Healthcare Department

GOVERNMENT OF THE PUNJAB
Dated Lahore the 27th July 2021

ORDER

No. PO(D-II)-237/2021: Consequently upon the decision of Departmental Development Sub Committee (DDSC), in its meeting held on 17.08.2021 the Government of Punjab is pleased to accord 2nd revised Administrative Approval of 16 sub schemes under block scheme titled "Programme for Revamping of all THQ Hospitals in Punjab" at cost mentioned against each sub scheme with revised operational period upto 30.06.2023.


(Rs. in Lakhs)


Sr. No.	Sub-Scheme Title	2 nd Revised Cost		Total
		Capital Component	Revenue Component	
1	Revamping of THQ Hospital, 18-Hazari District Jhang	14.956	205.709	220.665
2	Revamping of THQ Hospital, Ahmedpur Sial District Jhang	31.050	191.094	222.144
3	Revamping of THQ Hospital, Bhera District Sargodha	47.352	198.313	245.665
4	Revamping of THQ Hospital, Chak Jhumra District Faisalabad	47.323	195.857	243.180
5	Revamping of THQ Hospital, Choa Saiden Shah District Chakwal	101.824	206.809	308.633
6	Revamping of THQ Hospital, Dinga District Gujrat	14.858	199.147	214.005
7	Revamping of THQ Hospital, Fateh Jhang District Attock	44.181	193.227	237.408
8	Revamping of THQ Hospital, Sillanwali District Sargodha	44.782	180.970	225.752
9	Revamping of THQ Hospital, Sohawa District Jhelum	87.554	189.648	277.202
10	Revamping of THQ Hospital, City Hospital Talagang District Chakwal	48.005	198.007	246.012
11	Revamping of THQ Hospital, Bhalwal District Sargodha	47.643	204.362	252.005
12	Revamping of THQ Hospital, Cherkot District Jhang	40.307	185.070	225.377
13	Revamping of THQ Hospital, Ferozewala District Sheikhupura	33.815	200.094	233.909
14	Revamping of THQ Hospital, Kallar Kahar District Chakwal	46.028	200.588	246.616
15	Revamping of THQ Hospital, Kallar Syedan District Rawalpindi	116.706	214.153	330.859
16	Revamping of THQ Hospital, Kot Momin District Sargodha	47.789	166.711	214.500


g.

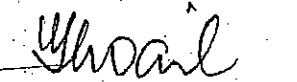
Page 1 of 1

S. N.	Description	Quantity	Unit.	Plinth Area Rates for 1st BI-ANNUAL-2021 (1ST Jan TO 30th June 2021) DISTRICT LAYYAH							Total Rate	Amount	Remarks.
				Rate									
				B:Portion				P.H	E.I				
1	2	3	4	5				6	7	8	9	10	
10	Provision of Electric Instalation and Sanitary fittings. (OPD Block)	23852	Sft	P.Sft	Rs.				20	30	Rs. 50.00	Rs. 1192600	Plinth Area Rates
11	Provision of Electric Instalation and Sanitary fittings. (Diagnostic Block)	4506	Sft	P.Sft	Rs.				20	30	Rs. 50.00	Rs. 225300	Plinth Area Rates
12	Provision of Electric Instalation and Sanitary fittings. (Indoor Block)	8700	Sft	P.Sft	Rs.				20	30	Rs. 50.00	Rs. 435000	Plinth Area Rates
13	Provision of Electric Instalation and Sanitary fittings. (Emergency Block)	10700	Sft	P.Sft	Rs.				20	30	Rs. 50.00	Rs. 535000	Plinth Area Rates
14	Construction of Waiting Shed	1	No	Job	Rs.	1012500					Rs. 1012500.00	Rs. 1012500	Detailed attached
15	Construction of Car Parking Shed	1	No	Job	Rs.	606600					Rs. 606600.00	Rs. 606600	Detailed attached
	External Development	1	No	Job	Rs.	11346900					Rs. 11346900.00	Rs. 11346900	
											Total =	Rs. 49099016	75,114,371
	Recovery of Old Material	1	No	Job	Rs.	1805429					Rs. 1805429.00	Rs. 1805429	
											Total =	Rs. 47293587	
	Add:5% PRA Charges.											Rs. 2364679	2185720
											G.Total.	Rs. 49658266	
											49658300	Rs. 49658(M)	75,900,000


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Karor


Executive Engineer
Buildings Division
Layyah


Superintendent Engineer
Buildings Circle
Karor

S. N.	Description	Quantity	Unit.	Plinth Area Rates for 1st BI-ANNUAL-2021 (1ST Jan TO 30th June 2021) DISTRICT LAYYAH.							Total Rate	Amount	Remarks.
				Rate									
				B:Portion			P.H		E.I				
1	2	3	4	5			6	7	8	9	10		
	Providing and laying glazed Ceramic tiles (Bello light) for dado/skirting size 12"x18"/10"x24" 8"x24" 12"x18" SP SREIES" laid over 3/4" thick cement sand mortar (1:2) i/c filling joints in white cement and matching pigment i/c cutting charges complete in all respect as approved & directed by the Engineer Incharge. (Ceramic wall tiles)	190	Sq Ft	Rs.	193	- 127.89		65.11		Rs. 65.11	Rs. 12371	Detailed attached	
	Providing and Fixing False Ceiling of Gypsum Board 9mm thick with 01-side laminated consisting of Tee 1"x1"x1/16 and 1"x1x1/16" angle on wall sides powder coated on lower exposed side coated with all accessories such as hanging wires, hooks, screws, rowel plugs and cross joints etc complete in all respects and as approved by the Engineer Incharge.	766	Rft	P.Rft	Rs.	321				Rs. 321.00	Rs. 245886	Detailed attached	
3	Construction of Room for Purification Plant (16.50x15')	297	Sft	P.Sft	Rs.	1988			75	98	Rs. 2161.00	Rs. 641817	Plinth Area Rates for 1st BI-ANNUAL-2021 (1ST Jan TO 30th June 2021) DISTRICT LAYYAH
4	Cost of Revemping of Emergency Block	1	No	Job	Rs.	8450582					Rs. 8450582.00	Rs. 8450582	Detailed attached
5	Cost of Revemping of OPD,Diagonstic & Indoor Block	1	No	Job	Rs.	16779480					Rs. 16779480.00	Rs. 16779480	Detailed attached
6	Cost of RO water Filtration Plant with hyginic Ultra filtration 4000 LPH.	1	No	Each	Rs.	1455200					Rs. 1455200.00	Rs. 1455200	Analysis attached
7	Cost of Chiller.	1	No	Each	Rs.	252800					Rs. 252800.00	Rs. 252800	Analysis attached
8	Provision of Security Razomcut wire on Boundary Wall	3242	Rft	Rft	Rs.	405					Rs. 405.00	Rs. 13010	Analysis attached
9	iv) Gate & Gate Pillar	2	No	Each	Rs.	243600					Rs. 243600.00	Rs. 487200	Detailed attached

S. N.	Description	Quantity	Unit.	Plinth Area Rates for 1st BI-ANNUAL-2021 (1ST Jan TO 30th June 2021) DISTRICT LAYYALI							Total Rate	Amount	Remarks.
				Rate									
				B:Portion			P.H		E.I				
1	2	3	4	5			6	7	8	9	10		
Additional Items.													
	Providing and laying Porcelain tiles flooring 24"x24"x3/8" dark colour laid in white cement and matching pigment over 3/4" thick cement sand mortar (1:2) i/c filling joints in white cement and matching pigment complete in all respect. (Master granite with dry/wet/veined application, DWV series polished (light color) class SB or equivalent)	786	Sft	P.Sft	Rs.	236	- 117.70	+ 28.48	146.78		Rs. 146.78	Rs. 115369	Detailed attached
	Providing and laying Porcelain tiles skirting / dado 24"x24"x3/8" light colour laid in white cement and matching pigment over 3/4" thick cement sand mortar (1:2) i/c filling joints in white cement and matching pigment complete in all respect. (Master Granite with dry/wet/veined application, DWV series polished (light color) class SB or equivalent)	1579	Sft	P.Sft	Rs.	241	- 127.89		113.11		Rs. 113.11	Rs. 178572	Detailed attached
	Providing and laying glazed Ceramic tiles (Bello Light) for flooring size 12"x18"/10"x24" 8"x24" 12"x18" SP SKELES laid over 3/4" thick cement sand mortar (1:2) i/c filling joints in white cement and matching pigment i/c cutting charges complete in all respect as approved & directed by the Engineer Incharge. (Ceramic wall tiles)	48	Sft	P.Sft	Rs.	187	- 117.70	+ 28.48	97.78		Rs. 97.78	Rs. 4693	Detailed attached

S. N.	Description	Quantity	Unit.	Plinth Area Rates for 1st BI-ANNUAL-2021 (1ST Jan TO 30th June 2021) DISTRICT LAYYAH.							Total Rate	Amount	Remarks.	
				Rate										
				B:Portion				P.H	E.I					
1	2	3	4	5				6	7	8	9	10		
	Providing and laying glazed Ceramic tiles (Bello Light) for flooring size 12"x18"/10"x24" 8"x24" 12"x18" SP SREIES laid over 3/4" thick cement sand mortar (1:2) i/c filling joints in white cement and matching pigment i/c cutting charges complete in all respect as approved & directed by the Engineer Incharge. (Ceramic wall tiles)	20	Sft	P.Sft	Rs.	187	- 117.70	+ 28.48	97.78		Rs. 97.78	Rs. 1956	Detailed attached	
	Providing and laying glazed Ceramic tiles (Bello Light) for dado/skirting size 12"x18"/10"x24" 8"x24" 12"x18" SP SREIES" laid over 3/4" thick cement sand mortar (1:2) i/c filling joints in white cement and matching pigment i/c cutting charges complete in all respect as approved & directed by the Engineer Incharge. (Ceramic wall tiles)	1360	Sft	P.Sft	Rs.	193	- 127.89		65.11		Rs. 65.11	Rs. 88550	Detailed attached	
	Providing and Fixing False Ceiling of Gypsum Board 9mm thick with 61-side laminated consisting of Tee 1"x1"x1/16 and 1"x1x1/16" angle on wall sides powder coated on lower exposed side coated with all accessories such as hanging wires, hooks, screws, rowel plugs and cross joints etc complete in all respects and as approved by the Engineer Incharge.	375	Rft	P.Rft	Rs.	321					Rs. 321.00	Rs. 120375	Detailed attached	
	Construction of Nursing Counter	1	No	Job	Rs.	162900					Rs. 162900.00	Rs. 162900	Detailed attached	
2	Construction of Dialysis Unit.													
	i) Ground Floor. (1 No. @ 994Sft Each)	944	Sft	P.Sft	Rs.	2102				75	98	Rs. 2275.00	Rs. 2147600	Plinth Area Rates for 1st BI-ANNUAL-2021 (1ST Jan TO 30th June 2021) DISTRICT LAYYAH.

**ROUGH COST ESTIMATE FOR THE WORK "REVAMPING OF TEHSIL HEAD QUARTER HOSPITAL KAROR DISTRICT
LAYYAH.**

ABSTRACT OF COST.

DISTRICT OF LAYYAH														
S. N.	Description	Quantity	Unit.	Plinth Area Rates for 1st BI-ANNUAL-2021 (1ST Jan TO 30th June 2021) DISTRICT LAYYAH.							Total Rate	Amount	Remarks.	
				Rate										
				B:Portion				P.H E.I						
1	2	3	4	5				6			7	9	10	11
NON RESIDENTIAL PORTION.														
1 Construction of ICU CUM CCU.														
	i) Ground Floor. (1 No. @ 511Sft Each)	511	Sft	P.Sft	Rs.	2102				75	98	Rs. 2275.00	Rs. 1162525	Plinth Area Rates for 1st BI-ANNUAL-2021 (1ST Jan TO 30th June 2021) DISTRICT LAYYAH.
	Additional Items.													
	Providing and laying Porcelain tiles flooring 24"x24"x3/8" dark colour laid in white cement and matching pigment over 3/4" thick cement sand mortar (1:2) i/c filling joints in white cement and matching pigment complete in all respect. (Master granite with dry/wet/veined application, DWV series polished (light color) class SB or equivalent)	384	Sft	P.Sft	Rs.	236	- 117.70	+ 28.48	146.78			Rs. 146.78	Rs. 56364	Detailed attached
	Providing and laying Porcelain tiles skirting / dado 24"x24"x3/8" light colour laid in white cement and matching pigment over 3/4" thick cement sand mortar (1:2) i/c filling joints in white cement and matching pigment complete in all respect. (Master Granite with dry/wet/veined application, DWV series polished (light color) class SB or equivalent)	600	Sft	P.Sft	Rs.	241	- 127.89		113.11			Rs. 113.11	Rs. 67866	Detailed attached

8

Primary & Secondary
Healthcare Department

PH: 0606-811018
OFFICE OF THE
MEDICAL SUPERINTENDENT
THQ HOSPITAL KAROR LAL EASON
LAYYAH
Email: thqhospitalkaror@gmail.com

6. Internal Electrification

- Replacement of all electric fuses, power panels, switches of electric boards needed to be replaced.
- Provision of automatic transfer switches (ATS for one generator)

7. Emergency Equipment and exist plane

- Provision of fire alarms and smog detectors

8. Miscellaneous repair work of building

- All toilets needed to be minor repair and roof treatment for prevention of dampness from rain water

9. Addition / Alteration and existing structure

- Following addition is required in hospital
 1. Establishments of I.C.U
 2. Establishments of C.C.U
 3. Establishments of Dialysis Unit
 4. Establishments of Shelter Home
 5. Establishments of medicine stores

Medical Superintendent,
THQ Hospital Karor
Layyah



Primary & Secondary
Healthcare Department

PH: 0606-811018
OFFICE OF THE
MEDICAL SUPERINTENDENT
THQ HOSPITAL KAROR LAL EASON
LAYYAH
Email: thqhospitalkaror@gmail.com

8. External waiting area and parking facility

- New waiting area needed to be established.
- New parking stand needed to be established.

B. Internal Development

1. Tile work

- All clinical OPD block rooms, clinical Lab, wards room, Gynae O.T., General O.T., Radiology, TB Dots room, Emergency O.T. needed flooring and skirting by suitable tiles

2. Ramps and Stairs

- Coarse grained / rough textured / anti-skid needed overall stairs and ramps

3. Paints and Dampness works

- All OPD, Emergency, O.T and Indoor building need paints internally and weather sheet
- All roofs and most of walls needs elimination of dampness and ceiling works in OPD, General Wards and Emergency building.
- Provision of lead lining in x-ray room

4. Façade improvements

- Main gate should be replaced with new design and façade improvement
- Main OPD block entrance needs façade improvements by new design

5. Internal Fixtures

- All doors of Clinical OPD, Emergency department, Clinical Lab, X-ray department, General O.T., Gynae O.T., Emergency O.T., Orthopedic O.T., Eye O.T General Wards and emergency Wards needed to be aluminum doors.
- All doors of Clinical OPD, Emergency department, Clinical Lab, X-ray department, General O.T., Gynae O.T., Emergency O.T., Orthopedic O.T., Eye O.T General Wards and emergency Wards needed to be aluminum windows.
- Establishment of new counter in emergency and OPD

Primary & Secondary
Healthcare Department

PII: 0606-811018
OFFICE OF THE
MEDICAL SUPERINTENDENT
THQ HOSPITAL KAROR LAL EASON
LAYYAH
Email: thqhospitalkaror@gmail.com

No. 6556 /THQ/Karor

Dated 27 / 01 / 2021

To:

The SDO, Building
Sub Division Karor Lal Eason

Subject: CIVIL WORK ESTIMATES FOR REVAMPING OF THQ HOSPITAL
KAROR LAL EASON

With reference to your letter no. 276/3118/33 dated 08/12/2020 detail of estimated civil work at THQ Hospital Karor are as follows.

A. External Development

1. Road networking

- Existing asphalt roads needs to be repaired.

2. External platform pathways

- All roads in the Hospital needs to be replaced through tough tiles

3. Boundary wall

- New boundary walls need to be placed back of the general wards spreading residential colony from ward.

4. Sewerage system

- Existing sewerage system need to be replaced with new one as a whole.

5. Water supply system.

- All default pipes need to be replaced.

6. Water filter plants

- Provision of new water filtration plants at five points i.e. emergency department, OPD, Dialysis Unit, Waiting Area and Wards along with drinking water station and water distribution system.

7. External electrification.

- Provision of 20 external pole lights along with earthing and lightning protection system.

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

The Superintending Engineers:-

- 1 Buildings Circle, Multan.
- 2 Buildings Circle, Bahawalpur.
- 3 Buildings Circle, D.G. Khan.

The Executive Engineers:-

- 1 Buildings Division No.1, Multan.
- 2 Buildings Division No.2, Multan.
- 3 Buildings Division, Khanewal.
- 4 Buildings Division, Lodhran.
- 5 Buildings Division, Vehari.
- 6 Buildings Division No.1, Bahawalpur.
- 7 Buildings Division No.2, Bahawalpur.
- 8 Buildings Division, Bahawalnagar.
- 9 Buildings Division, R.Y. Khan.
- 10 Buildings Division, D.G. Khan.
- 11 Buildings Division, Rajanpur.
- 12 Buildings Division, Muzaffargarh.
- 13 Buildings Division, Layyah.

Memo.No. 276-Dev/3118-83

/Dev, Dated. 28.12.83

Subject:- COST ESTIMATES FOR REVAMPING OF TEHSIL HEADQUARTER HOSPITALS.

Please find enclosed herewith a copy of letter No.PMU/(P&SHD)2620/729, dated 25.11.2020, alongwith its enclosures received from the Director Infrastructure, Project Management Unit, P&S Health Care Department, Lahore for information and further necessary action.

In this connection, I am directed to request you to do the needful at the earliest in consultation with Client Department.

This may be assigned as Top Priority.

DESIGN OFFICER

for Chief Engineer, South Zone,
Punjab Buildings Deptt, Lahore.

D.A/As above

Encl. No.

Dev. Dated.

A copy is forwarded to:-

1. The Director Infrastructure, Project Management Unit, P&S Health Care Department, 31-E/1, Shahrah-e-Hazrat Imam Hussain Gulberg-II, Lahore for information with reference to his letter quoted above.
2. The Secretary, Primary and Secondary Health Care Department, Lahore.
3. The Additional Secretary (D&F), P&SH Department Punjab, Lahore.
4. Chief Executive Officers, District Health Authority (i) Bahawalpur, ii) Bahawalnagar, iii) D.G. Khan, iv) Khanewal, v) Layyah, vi) Lodhran, vii) Multan, viii) Muzaffargarh, ix) R.Y. Khan, x) Rajanpur, and xi) Vehari.

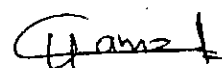
D.A/Nil.

DESIGN OFFICER

for Chief Engineer, South Zone,
Punjab Buildings Deptt, Lahore.

(6)

Sr. #	Name of Health Facility	District	Approved Cost as per 2 nd Bi-Annual 2021
1	Revamping of THQ Hospital Karor Lal Esan	Layyah	45.900 (M)
2	Revamping of THQ Hospital Choubara	Layyah	36.589 (M)
3	Revamping of THQ Hospital Thal	Layyah	49.457 (M)
4	Balance work of Revamping of DHQ Hospital Layyah	Layyah	43.557 (M)


 Project Manager Civil
 PMU P&SHD

A copy is forwarded for information to the:

1. Project Director, PMU, Primary and Secondary Healthcare Department Punjab.
2. Deputy Project Director, PMU, Primary and Secondary Healthcare Department Punjab.
3. Chief Engineer Buildings South, Lahore.
4. Director Infrastructure, PMU, Primary and Secondary Healthcare Department Punjab.
5. Chief Executive Officer Health Layyah.
6. Office copy I&C wing.



No. PMU/(P&SHD)/2021/1478
PROJECT MANAGEMENT UNIT
P&S HEALTHCARE DEPARTMENT
(31-E/1, Shahrah-e-Hazrat Imam Hussain
Gulberg-III, Lahore, Ph: 042-99231208)
Dated: December 21, 2021

To

Executive Engineer,
Buildings Division,
Layyah.

SUBJECT: EXECUTION/COMPLETION OF VARIOUS PRIMARY AND SECONDARY HEALTHCARE DEPARTMENT PROJECT FOR THE FINANCIAL YEAR OF 2021-2022 OF LAYYAH DISTRICT.

It is stated that Primary and Secondary Healthcare Department (P&SHD) is determined to enhance the service delivery of its primary and secondary healthcare facilities. For this purpose, P&SHD has chalked out the most deserving Healthcare facilities across the Punjab. Execution/Revamping of Primary & Secondary Healthcare facilities is a top priority among development programmes of Government of Punjab.

Several Healthcare facilities of District Layyah lying under following schemes of ADP were approved in DDSC in this financial year.

- ADP No. 1013 "Balance Work of Revamping of all DHQ/ 15 THQ Hospitals in Punjab"
- ADP No. 995 "Strengthening of Basic Health Units (BHU's) of Punjab Phase-II".
- ADP No. 792 "Programme for Revamping of all THQ Hospitals in Punjab".

Despite Execution/Completion of all sub schemes of above projects, only following schemes are selected for execution/completion in this financial year. In order to complete this partial funding of these following schemes have already been done and remaining funds are likely to be released before 15th January 2022.

So in view of above, it is stated to please take further necessary action (Tendering/Execution or Revision of Estimates as per 1st Bi-Annual MRS of 2022) for in time completion of these sub schemes. However, in case the estimates of these below mentioned facilities are need to be revised as per New MRS rates (1st Jan 2022 to 31st July 2022) then it must be noted that only rates may be revised on the similar scope which is already approved as per P&D Guidelines.

4

AMENDED ROUGH COST ESTIMATE FRAMED IN THE OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS DIVISION LAYYAH FOR THE WORK "REVAMPING OF TEHSIL HEAD QUARTER HOSPITAL KAROR DISTRICT LAYYAH FOR THE YEAR 2021-22."

Reference:- Secretary P&SH Department Govt. of the Punjab Lahore vide office order No. No.PO(D-II)1-237/2021 dated: 14.11.2021

HISTORY:-

The scheme Revamping of THQ Hospital Karor District Layyah was administratively approved vide letter quoted under reference amounting to Rs. 45.900(M). ~~Contractors boycott the tenders due to high market rates.~~ Now the new MRS 1st biannual 2022 has been issued by the Finance Department.

Hence, the amended Rough Cost estimate for the said scheme has been prepared on 1st Biannual 2022 amounting to Rs. 59.523(M) has been prepared for arranging amended administrative approval & release of funds from the competent authority.

SCOPE OF WORK

S.No	Description of Items	Qty	Unit
1	Construction of Room for Purification Plant (16.50x15')	297	Sft
2	Revamping of Emergency Block	1	No
3	Revamping of OPD, Diagonstic & Indoor Block	1	No
4	RO water Filtration Plant with hygienic Ultra filtration 4000 LPH.	1	No
5	Cost of Chiller.	1	No
6	Provision of Security Razor cut wire on Boundary Wall	3242	Rft
7	Gate & Gate Pillar	2	No
8	Provision of Electric Installation and Sanitary fittings (OPD Block)	23852	Sft
9	Provision of Electric Installation & Sanitary fittings (Diagnostic Block)	4506	Sft
10	Provision of Electric Installation & Sanitary fittings (Indoor Block)	8700	Sft
11	Provision of Electric Installation & Sanitary fittings (Emergency Block)	10700	Sft
12	Construction of Waiting Shed	1	No
13	Construction of Car Parking Shed	1	No
14	External Development	1	Job

EXECUTION:

The work will be got executed in accordance with the Provincial Works Department specifications and to the entire satisfaction of the Engineer Incharge, after observing all codal formalities etc.

SPECIFICATION/ CARRYING OUT OF WORK.

The work will be carried out according to building department specifications with latest edition through the approved contractors of P.W.D after calling tenders on competitive grounds.

RATE.

The estimate is based on latest approved plinth area rates notified by the Chief Engineer Punjab Works Department Lahore for the period 1st BI-ANNUAL 2022 PERIOD (1st January, 2022 TO 30th June, 2022) and as per nonscheduled rates prepared on analysis basis according to prevailing market rates.

LAND


No provision for acquisition of land has been made in the estimate as the same is already available with the client department.

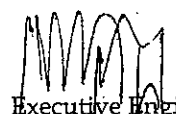
COST.

The total cost of the scheme comes to Rs. 59.523 (M).

TIME.

This Scheme will be take about 18 months to complete the work from the date of actual commencement subject to the release of full funds.


Sub Divisional Officer
Buildings Sub Division
Karor


Executive Engineer
Buildings Division
Layyah

PROVINCE

PUNJAB

STATION

DISTRICT LAYYAH

DIVISION

BUILDINGS DIVISION LAYYAH.

SUB DIVISION

BUILDINGS SUB DIVISION KAROR

NAME OF WORK

AMENDED ROUGH COST ESTIMATE
FOR THE WORK "REVAMPING OF
TEHSIL HEAD QUARTER HOSPITAL
KAROR DISTRICT LAYYAH FOR THE
YEAR 2021-22

MAJOR HEAD

MINOR HEAD

ESTIMATED COST

Rs: 59.523 (M)

2

GOVERNMENT OF THE PUNJAB



(H)

BUILDINGS DIVISION LAYYAH

**AMENDED ROUGH COST ESTIMATE FOR
THE WORK "REVAMPING OF TEHSIL
HEAD QUARTER HOSPITAL KAROR
DISTRICT LAYYAH FOR THE YEAR 2021-22**

Estimate Cost Rs: 59.523(M)

BUILDINGS SUB DIVISION KAROR



OFFICE OF THE SUPERINTENDING ENGINEER
BUILDINGS CIRCLE D.G.KHAN
Ph: 064-9260272-73 Fax 064-9260662
email: pbcdgkhan@gmail.com

To

✓ The Chief Engineer
Punjab Buildings Department
South Zone Lahore.

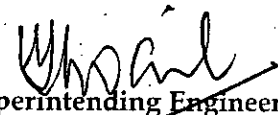
No. 2330 /DB Dated: 5-1- /2022

Subject: - AMENDED ROUGH COST ESTIMATES FOR THE WORK.

Kindly find enclosed herewith the Amended Rough Cost Estimate of the works detailed as under prepared on the basis of MRS 1st Bi Annual 2022 (1st Jan 2022 to 30th June 2022) for District Layyah, for arranging Amended Administrative Approval and allotment of funds from the Competent Authority.

Sr. No.	Name of Work	Estimated Cost
1.	Revamping of Tehsil Head Quarter Hospital Karoor District Layyah.	Rs.59.523(M)
2.	Revamping of THQ Thal Hospital Tehsil & District Layyah.	Rs.70.076(M)

D.A/Estimate.


Superintending Engineer
Buildings Circle
Dera Ghazi Khan

CC:-

The Executive Engineer, Buildings Division Layyah for information. He is directed to depute the Sub Engineer / Sub Divisional Officer concerned for checking the estimate at Chief Office.

8. ANNUAL OPERATING COST (POST COMPLETION)

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

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

PKR Million											
Sr #	Object Code	2025-2026		2026-2027		2027-2028		2028-2029		2029-2030	
		Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign
1	A05270-To Others	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total		0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

8. Annual Operating and Maintenance Cost after Completion of the Project

The Annual operating and maintenance cost after completion of the project will be borne by the concerned District Health Authority (DHA) as well as Primary and secondary healthcare Department, Lahore.

9. DEMAND AND SUPPLY ANALYSIS

Semi modern health facilities and scientific diagnostics are presently available in this Hospital. This initiative of revamping Hospital will cover all departments and components of healthcare including Medical, Surgical, psychiatric, Cardiac, ENT, Ophthalmic and Pediatrician components. Moreover, women health components i.e. Gynecology and obstetric will also be emphasized upon. In emergency, calamities and natural disasters, valuable lives will be saved through revamping of Emergency Units.

10. FINANCIAL PLAN AND MODE OF FINANCING

10.1 FINANCIAL PLAN EQUITY INFORMATION

10.2 FINANCIAL PLAN DEBT INFORMATION

undefined

10.3 FINANCIAL PLAN GRANT INFORMATION

attached

10. Financial Plan and Mode of Financing

The project will be executed / financed through Annual Development Program under the sector Primary and Secondary Healthcare Department, the Government of Punjab. Year wise financial utilization is as under:

Revenue Side

(Rs.in Million)

Year	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Funds Released	49.000	22.093	2.598	2.718	4.892	7.785	89.086
Utilization	28.729	22.092	2.515	2.464	4.883	0.877	61.562

Capital Side:

Year	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Funds Released	0	0	0	0	10.000	22.685	32.685
Utilization	0	0	0	0	10.000	2.284	12.284

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 employment 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

.

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

.

.

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

.

13. MANAGEMENT STRUCTURE AND MANPOWER REQUIREMENTS

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

14. ADDITIONAL PROJECTS / DECISIONS REQUIRED

NA

15. CERTIFICATE

Focal Person Name:Mr. Adeel Aslam

Designation:Project Director, PMU P&SHD

Email:

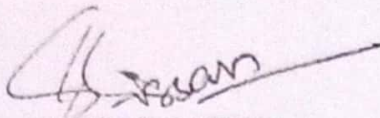
Tel. No.:

Fax No:

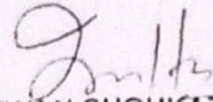
Address:31/E1, Shahrah-e-imam Hussain? Road? Block E 1 Gulberg III, Lahore, Punjab

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

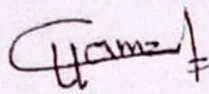
Prepared By:



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

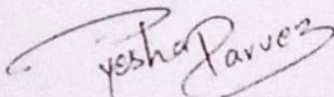


(RIZWAN SHOUKAT)
PROCUREMENT SPECIALIST, (PMU),
PRIMARY & SECONDARY HEALTHCARE
DEPARTMENT, LAHORE
(042-99231206)
(Oct-2022)



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

Checked By:

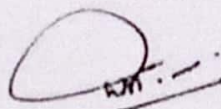


(Dr. AYESHA PARVEZ)
DEPUTY PROJECT DIRECTOR (PMU),
PRIMARY & SECONDARY HEALTHCARE
DEPARTMENT, LAHORE
(042-99231206)
(Oct-2022)



(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

20. MARGINALISATION OF PC-1

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

3	was participation of representatives of marginalised groups ensured in pc-1 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	