



PC-1

Revamping of THQ Hospital, Chowk Azam District Layyah

ORIGINAL APPROVED COST	PKR Million. 357.447/-
ORIGINAL APPROVED GESTATION	72 Months Till June 2025
APPROVAL FORUM	DDSC (DDSC)

1. NAME OF THE PROJECT

Revamping of THQ Hospital, Chowk Azam District Layyah

2. LOCATION OF THE PROJECT

2.1. DISTRICT(S)

I. LAYYAH

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	Proposed Allocation: 0.000
3	GS No: 5217
4	Total Allocation: 0.000
5	Funds Diverted: 0.000
6	Balance Funds: 0.000
7	Comments: Funded out of block provision reflected at G.S No.658 with an allocation of Rs. 1,800 million (Capital = Rs. 1.300 Million & Revenue = Rs. 500 Million).

5. PROJECT OBJECTIVES

attached

5. Project objectives and its relationship with Sectorial Objectives and Components

The Government of Punjab is making strenuous efforts for a better and effective Health Care system. The Defining step in this direction was to recognize the importance of Health Care at Primary & Secondary Levels. As a first step towards better health care at primary and secondary level, the department under the guidance of Government of the Punjab has decided to launch massive revamping of 40 THQ & DHQ Hospitals in the financial year 2016-17 along with revamping of emergencies of 15 selected THQs and emergencies of all Hospitals. In addition to that, Government has assigned the task of revamping of all remaining 85 THQ Hospitals of Punjab during 2017-18. The Project Management Unit, Revamping Program, Primary and Secondary Healthcare Department has started the 2nd Phase of the said revamping program in September, 2017.

5.1 Background of Primary & Secondary Healthcare Department

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

Quality health care is actually provision of health care by timely, skillful application of medical technology in a culturally sensitive manner within the available resource constraints. Eliminating poor quality involves not only giving better care but also eliminating under provision of essential clinical services (system wide microscopy for diagnosing tuberculosis, for example); stopping overuse of some care (prenatal ultrasonography or unnecessary injections, for example); and ending misuse of unneeded services (such as unnecessary hysterectomies or antibiotics for viral infections). A sadly unique feature of quality is that poor quality can obviate all the implied benefits of good access and effective treatment. At its best, poor quality is wasteful and at its worst, it causes actual harm.

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

The basic mandate of Primary & Secondary Health Department is to focus on preventive health care in primary sector along with basic diagnostics and treatment facilities at secondary level. The context is to primarily lessen the load on tertiary care health establishments and to reduce treatment costs. The major challenge for Primary & Secondary Health Department is to boost the confidence of masses and raise the level of trust in the primary health care system. The reality is that most of the health care establishments at secondary level are not currently providing health care services up to the optimal level, owing to a myriad of reasons including heavy patient load, scarcity of resources, human resource constraints and dysfunctional biomedical and allied equipment.

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

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

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

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

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

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

5.3 Infrastructural Interventions

The construction of various new blocks of hospital complex is constructed without any proper planning and necessary connection to existing blocks. On the whole, the complete infrastructure of hospital is quite complex and scattered, access to various blocks of hospital is quite inadequate and there is no proper connection or link between different blocks of hospital. In the revamping program of

DHQ and THQ Hospitals, the placement of various facilities of hospitals are re-planned keeping in view the layout of existing blocks for facilitation of patients and some modifications/alterations were proposed in the blocks for necessary link or connection between the blocks.

Major infrastructural interventions can be divided in the following four categories

5.3.1 External Development

5.3.2 Internal Development

5.3.3 Medical Infrastructure Development

5.3.4 Emergencies Development

5.3.1 External Development

5.3.1.1 External Platforms

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

5.3.1.2 Façade Improvement

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

5.3.1.3 Sewerage System

The most important entity of a hospital lies in its cleanliness. Infrastructural interventions to keep the hospital clean were taken in the form of improvement of sewerage system of the hospital. These interventions include the re designing of sewerage system, construction of new manholes, laying of new sewer lines and connection between trunk sewer and hospital sewer.

5.3.1.4 Landscaping (Horticulture)

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

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

5.3.1.5 Water Filtration Plant

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

5.3.1.6 External Electrification

One of the major hindrances in functionality and ineffectiveness of electro medical equipment and other facilitating electrical appliances is either interrupted power supply or power supply with lesser voltage than required. This problem was solved by providing express line or dual electrical supply in all hospitals under revamping. Despite these two facilities based, on the current and proposed electrical load of hospital new transformers were proposed to step down the voltage to desired level and complete generator backup system was designed and generators along with automatic transfer switches were proposed accordingly. Moreover, to fully lighten up the hospital for proper utilization of all facilities of hospital during the low/no-light hours of the day, external pole lights to lighten up the pathways and garden lights to lighten up the lawns were designed and proposed.

5.3.1.7 Parking and Waiting area

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

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

5.3.1.8 External Signage

External signage system is designed including various signage types for complete guidance of patient attendants and to search concerned facility promptly.

5.3.2 Internal development

5.3.2.1 Aesthetic improvement

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

5.3.2.2 Ramp and Stretcher improvement

For hospitals having more than one floor, there is a huge problem of patient transfer with stretcher. This problem is solved by proposing new ramps/stretcher ways where needed. Moreover, in order to further improve the communication between various floors of hospitals improvement of stair cases with hand rail or guard rails is proposed.

5.3.2.3 Seamless flooring and Lead Lining

To keep high risk areas like Operation theaters, I.C.U, C.C.U, and Gynecology Operation Theater bacteria free is one of the basic medical practices. In the revamping program of hospitals low epoxy paint is proposed in these areas to provide seamless flooring so that the bacterial growth within the 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

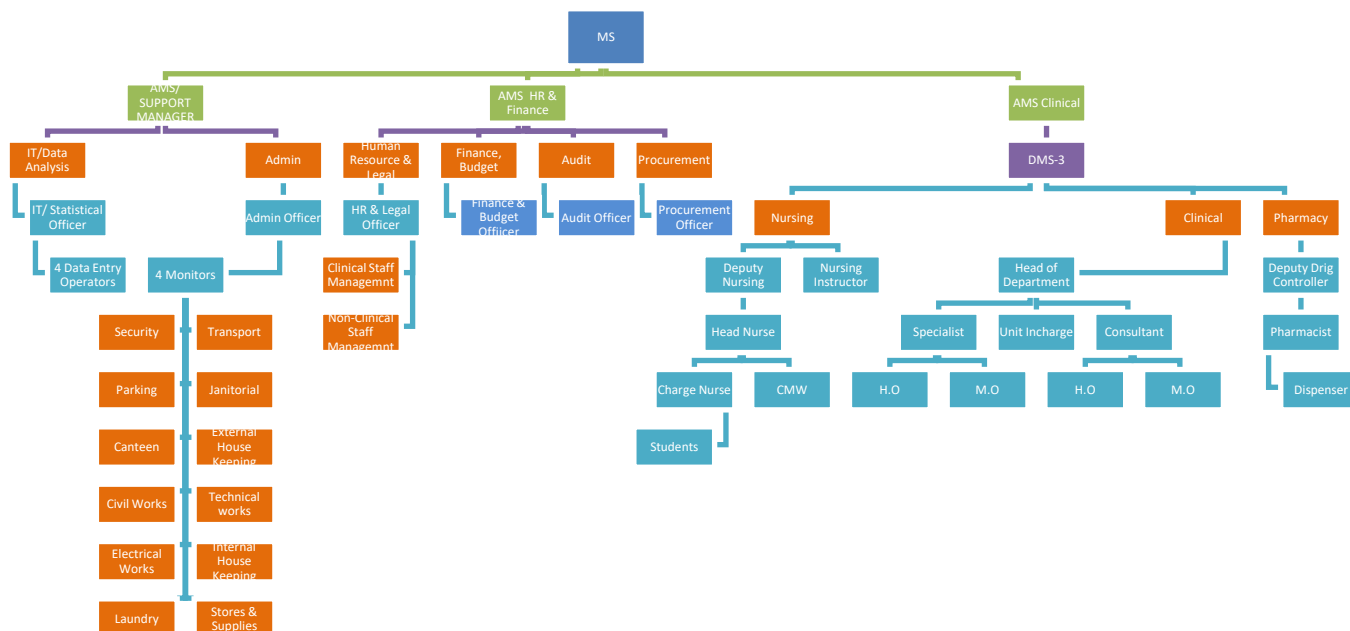
1. Minimum qualification BA/BSC or equivalent from HEC recognized University along with B.Ed.
2. Minimum 1 years post degree experience of teaching (Additional credit may be given for Public sector teaching of similar nature)

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

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

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

5.9 Patient Management Protocol

5.9.1 Emergency:

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

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

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

5.9.2 O.P.D:

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

5.9.3 Death or End of Life Management.

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

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

5.9.4 Inventory Control System

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

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

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

5.9.5 Project Monitoring Committee

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

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

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

5.10 Relationship with Sectoral Objectives

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

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

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

6. DESCRIPTION AND JUSTIFICATION OF PROJECT

6.1 JUSTIFICATION OF PROJECT

attached

1. Description, Justification and Technical Parameters

The scheme has been estimated on face of the factual basic requirements and if needed, alterations and has been quoted in this PC-I. The Population of Tehsil Chowk Azam District Layyah is more than 0.405 million. The area of the THQ Hospital Chowk Azam District Layyah is 612,494 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 Chowk Azam District Layyah

Revamping of THQ Chowk Azam 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. Originally the Civil work component of the scheme was planned to be executed by the Health Council of the concerned District Health Authority based on cost estimates prepared by the Infrastructure Wing of PMU and approved by the DDSC. Accordingly, funds of Rs.3, Rs.5 and Rs.10 million were provided during FY 2017-18 for the execution of work as per parameters provided to these THQ Hospitals. However, no reasonable revamping civil work was carried out and hence did not fulfil the requirement and the objectives of the Revamping Program. Now P&SHD has decided to carry out further revamping of Civil work through Communication and Works Department Punjab to accomplish the uniformity of THQ Hospitals with already revamped hospitals of Phase-I. Hence the Rough Cost Estimates of the Punjab Buildings Department has been included in the civil work cost of this scheme.
2. Primary & Secondary Healthcare Department (P&SHD) made a decision to shift all the clerical posts in DHQ / THQ hospitals of Punjab to District Health Authorities as per notification dated 24th October, 2017. This administrative decision was taken due to a multiplicity of reasons which were adversely affecting healthcare service delivery in the hospitals. Primarily, these clerical posts were not specialized in any particular field, and therefore, the HR hired against these posts were generalized to the extent that they were not able to perform functions of Hospitals and Health Specific tasks that any medical administration should ideally perform. Additionally, public complaints against the clerical staff on issues such as behavior, performance created an environment of malfeasance in all hospitals. In place of the clerical positions, the Department introduced a New Management Structure (NMS), in all District and Tehsil Headquarters Hospitals. The officers/officials recruited as a part of the NMS have a minimum of 16 years of education. Introduction of New Management Structures (NMS) across all secondary hospitals in the Punjab, has allowed for the overall efficiency of District and Tehsil Headquarters Hospitals. In each Tehsil Headquarter Hospital HR under MNS has been provided for smooth running of the health services. Pay Package for NMS Staff was never been revised since 2017-18, therefore it was decided to approach the P&D Department for revision of Pay package. The PDWP approved revised pay page in its meeting held on 08-02-2022 based on PPS approved in 60th PDWP meeting as under: -

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

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

3. As the gestation period of the PC-I till 30.06.2023, therefore, the cost of NMS has been revised for smooth running of the Tehsil Headquarter Hospitals and hence PC-I has been proposed till 30- 06-2025.
4. Infrastructure team has conducted the Joint visits with the team of C&W Department. During the field visits, few alterations were recommended by the technical teams which have been incorporated in the Revised Rough Cost Estimates of the subject scheme and have been attached with the PC-I along with comparative statement. Therefore, Civil works component cost has been increased from Rs. 47.156 million to Rs. 50.983 million due to few changes in the scope and MRS rates (2nd Bi-annual 2022).

85 THQ Hospitals covered under the Program:

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

PROJECT MANAGEMENT UNIT
PRIMARY & SECONDARY HEALTHCARE DEPARTMENT



LOCATION OF DHQ AND THQ HOSPITALS IN PUNJAB



6.2 SECTORAL SPECIFIC INFORMATION

Social Sectors, Health Department

7. CAPITAL COST ESTIMATES

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

Grant Number:Development - (PC22036)
LO NO:LO17010541
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	A12403-Other Buildings	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	A05270-To Others	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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

Grant Number:Government Buildings - (PC12042)
LO NO:LO22010022
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	A05270-To Others	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	A12403-Other Buildings	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Total	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------

Abstract of Cost

Name of THQ Hospital	Chowk Azam											
Scope of work	Cost in million											
	Original			1st Revised			2nd Revised			3rd Revised		
	Capital	Revenue	Total	Capital	Revenue	Total	Capital	Revenue	Total	Capital	Revenue	Total
Capital component												
Internal Development	0.000	8.919	8.919	0.000	8.919	8.919	28.602	3.000	31.602	36.237	3.000	39.237
External Development	0.000	1.233	1.233	0.000	1.233	1.233	15.836	0.000	15.836	11.138	0.000	11.138
Water filtration plant	0.000	5.600	5.600	0.000	5.600	5.600	1.793	0.000	1.793	2.608	0.000	2.608
Total Capital Component	0.000	15.753	15.753	0.000	15.753	15.753	46.232	3.000	49.232	49.983	3.000	52.983
Emergency	0.000	25.448	25.448	0.000	25.448	25.448	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	13.438	13.438
Med. Machinery and Equipment	0.000	53.276	53.276	0.000	53.276	53.276	0.000	68.055	68.055	0.000	102.795	102.795
Electricity	0.000	15.650	15.650	0.000	15.650	15.650	0.000	17.682	17.682	0.000	26.682	26.682
IT & QMS & Surveillance	0.000	14.515	14.515	0.000	14.515	14.515	0.000	16.715	16.715	0.000	20.120	20.120
Furniture and Fixtures	0.000	13.504	13.504	0.000	13.504	13.504	0.000	13.504	13.504	0.000	18.788	18.788
Interior and Exterior decorations/ Signage	0.000	3.435	3.435	0.000	3.435	3.435	0.000	4.695	4.695	0.000	4.695	4.695
Day Care Center	0.000	1.600	1.600	0.000	1.600	1.600	0.000	1.600	1.600	0.000	1.600	1.600
Human resource (HR) plan	0.000	17.220	17.220	0.000	17.220	17.220	0.000	37.430	37.430	0.000	54.695	54.695
LC Deficit during procurement (currency fluctuation)								2.662	2.662		2.662	2.662
Total Revenue component	0.000	153.294	153.294	0.000	153.294	153.294	0.000	207.394	207.394	0.000	304.464	304.464
Outsourcing component												
Janitorial Services	0.000	19.125	19.125	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Security and Parking services	0.000	6.370	6.370	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Laundry Services	0.000	2.400	2.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maintenance (Generator)	0.000	1.670	1.670	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEP	0.000	3.645	3.645	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Medical Gases	0.000	1.304	1.304	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Cafeteria	0.000	6.743	6.743	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Horticulture services	0.000	15.319	15.319	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total outsourcing cost	0.000	56.577	56.577	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	0.000	225.624	225.624	0.000	169.047	169.047	46.232	210.394	256.626	49.983	307.464	357.447
Contingency (1%) only on Civil Component	0.000	0.158	0.158	0.000	0.000	0.000	0.925	0.000	0.925	0.000	0.000	0.000
Third Party Monitoring (TPM) (1%)	0.000	2.256	2.256	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	2.256	2.256	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grand Total	0.000	230.294	230.294	0.000	169.047	169.047	47.156	210.394	257.550	49.983	307.464	357.447

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		99,750	-		99,750	-		99,750	-		99,750	-
2		Chairs	0		26,775	-		26,775	-		26,775	-		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		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	Minor O.T	O.T table WITH foot step	1	1	1,417,500	1,417,500	1	1,417,500	1,417,500	1	2,000,000	2,000,000	1	2,500,000	2,500,000
19		Anesthesia Machine	1	1	2,509,554	2,509,554	1	2,509,554	2,509,554	1	3,000,000	3,000,000	1	7,000,000	7,000,000
20		Sucker machine	1	1	259,350	259,350	1	259,350	259,350	1	275,000	275,000	1	300,000	300,000
21		Portable O.T Lights	1	1	304,220	304,220	1	304,220	304,220	1	500,000	500,000	1	900,000	900,000
22		Ceiling o.t light	1	1	414,750	414,750	1	414,750	414,750	1	800,000	800,000	1	950,000	950,000
23		Hot air oven	1	1	110,000	110,000	1	110,000	110,000	1	385,000	385,000	1	450,000	450,000
24		Autoclave	1	1	441,000	441,000	1	441,000	441,000	1	550,000	550,000	1	850,000	850,000
25		Instrument trolley*N	1	1	54,000	54,000	1	54,000	54,000	1	54,000	54,000	1	55,000	55,000
26		Defibrillator*N	1	1	310,000	310,000	1	310,000	310,000	1	650,000	650,000	1	800,000	800,000
27		Instrument cabinet	1	1	69,300	69,300	1	69,300	69,300	1	69,300	69,300	1	69,300	69,300
28	Constant / specialized care room	GURNEYS*N	4		420,000	-		420,000	-		460,000	-		850,000	-
29		Sucker machine *(N)	2		259,350	-		259,350	-		275,000	-		300,000	-
30		Nebulizer HD*(N)	2		125,265	-		125,265	-		215,000	-		300,000	-
31		Center Oxygen supply*N	1		420,000	-		420,000	-		-	-		-	-
32		Resuscitation Trolley (fully equipped) *(N)	1		237,618	-		237,618	-		400,000	-		600,000	-
33		Defibrillator*N	1		302,605	-		302,605	-		650,000	-		800,000	-
34		Pulse- oximeter*(N)	4		104,000	-		104,000	-		160,000	-		225,000	-
35		Bedside-monitor*(N)	4		301,665	-		301,665	-		550,000	-		1,200,000	-
36		ECG MACHINE*(N)	1		169,785	-		169,785	-		169,785	-		300,000	-
37		BP APPARATUS*N	1		15,750	-		15,750	-		16,000	-		16,000	-
38		FOOT STEP)*(N)	1		3,150	-		3,150	-		4,000	-		5,500	-
39		ATTANDANT BENCH)*(N)	1		5,250	-		5,250	-		8,000	-		10,000	-
40	7	(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	10	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	Emergency ward	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
44		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

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
46	Welding	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
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	Generalized	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 paedts with Mask*N	5	5	15,750	78,750	5	15,750	78,750	5	19,000	95,000	5	19,000	95,000
52		ambo bag adult with Mask* N	5	5	15,750	78,750	5	15,750	78,750	5	19,000	95,000	5	19,500	97,500
53		patient stool * N	2	2	4,085	8,169	2	4,085	8,169	2	4,500	9,000	2	5,000	10,000
54		Portable x-rays (300 M.A)	1	1	3,450,350	3,450,350	1	3,450,350	3,450,350	1	4,300,000	4,300,000	1	9,800,000	9,800,000
55		Portable ultra-sound	1	1	1,403,325	1,403,325	1	1,403,325	1,403,325	1	1,500,000	1,500,000	1	2,400,000	2,400,000
		Total				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																					
			Original					1st Revised					2nd Revised					3rd Revised			
Sr. No.	Area	Name of Equipment	Yard Stick	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost		
1	Laboratory	Semi Auto Clinical Chemistry Analyzer	1	2	0	449,295	-	2	0	449,295	-	2	0	550,000	-	2	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	3	0	132,825	-	3	0	132,825	-	3	0	180,000	-	3	0	250,000	-		
6		Water Bath	1	2	0	60,000	-	2	0	60,000	-	2	0	157,500	-	2	0	325,000	-		
7		Hot air Oven	1	0	1	210,000	210,000	0	1	210,000	210,000	0	1	385,000	385,000	0	1	450,000	450,000		
8		Distilled water plant	1	0	1	52,500	52,500	0	1	52,500	52,500	0	1	75,000	75,000	0	1	125,000	125,000		
9		Auto pipettes	10		10	31,500	315,000		10	31,500	315,000		10	40,500	405,000		10	45,000	450,000		
10		glass wares	0		0	105,000	-		0	105,000	-		0	105,000	-		0	105,000	-		
11		Centrifuge Machine	2	2	0	149,336	-	2	0	149,336	-	2	0	250,000	-	2	0	400,000	-		
12	X-Rays	Static X-ray Machine	1	1	0	4,200,000	-	1	0	4,200,000	-	1	0	6,000,000	-	1	0	12,000,000	-		
13		Mobile X-Ray Machine	0	0	0	3,850,524	-	0	0	3,850,524	-	0	0	4,300,000	-	0	0	9,800,000	-		
14		Computerized Radiography System	0	0	0	4,018,245	-	0	0	4,018,245	-	0	0	4,500,000	-	0	0	4,500,000	-		
15		Dental X-Ray	0	2	0	282,975	-	2	0	282,975	-	2	0	350,000	-	2	0	525,000	-		
16		Lead apron and PPE	2	1	1	52,500	52,500	1	1	52,500	52,500	1	0	60,000	-	1	0	85,000	-		
17		Density meter personal (Add)	0	0	0	210,000	-	0	0	210,000	-	0	0	210,000	-	0	0	250,000	-		
18		Lead glass /shield	0	1	0	105,000	-	1	0	105,000	-	1	0	105,000	-	1	0	150,000	-		
19	Ultrasound	Lead Walls	0	0	0	525,000	-	0	0	525,000	-	0	0	525,000	-	0	0	525,000	-		
20		Portable/Mobile Ultrasound	0	1	0	1,371,331	-	1	0	1,371,331	-	1	0	1,500,000	-	1	0	2,400,000	-		
21		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		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	CCU	Temporary pace maker	0	0	0	315,000	-	0	0	315,000	-	0	0	315,000	-	0	0	550,000	-		
24		Defibrillator	1	0	1	299,153	299,153	0	1	299,153	299,153	0	1	650,000	650,000	0	1	800,000	800,000		
25		ECG Machine Three Channel	2	0	2	169,785	339,570	0	2	169,785	339,570	0	2	169,785	339,570	0	2	300,000	600,000		
26		ETT Machine	0	0	0	2,021,838	-	0	0	2,021,838	-	0	0	2,200,000	-	0	0	3,000,000	-		
27		Color doplor RADIOLOGY	0	0	0	4,681,790	-	0	0	4,681,790	-	0	0	4,800,000	-	0	0	6,000,000	-		
28		Suction Pump	2	0	2	259,350	518,700	0	2	259,350	518,700	0	2	275,000	550,000	0	2	300,000	600,000		
29	Blood Bank	Blood Cabinet	1	0	1	690,539	690,539	0	1	690,539	690,539	0	1	700,000	700,000	0	1	1,500,000	1,500,000		
30		Centrifuge Machine	2	3	0	149,336	-	3	0	149,336	-	3	0	250,000	-	3	0	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	3	0	132,825	-	3	0	132,825	-	3	0	180,000	-	3	0	250,000	-		
33	Dialysis Unit (10 beds)	Computerized Hemo Dialysis Machine	5	0	5	1,050,000	5,250,000	0	5	1,050,000	5,250,000	0	5	1,600,000	8,000,000	0	5	3,200,000	16,000,000		
34	Nursery	Baby Cot	10	1	9	14,669	132,017	1	9	14,669	132,017	1	8	16,000	128,000	1	7	16,000	112,000		
35		Phototherapy Unit	2	0	2	130,200	260,400	0	2	130,200	260,400	0	2	655,000	1,310,000	0	2	850,000	1,700,000		
36		Infant Warmer	2	0	2	335,638	671,276	0	2	335,638	671,276	0	2	985,000	1,970,000	0	2	1,050,000	2,100,000		
37		Pulse Oximeter	6	2	4	104,500	418,000	2	4	104,500	418,000	2	2	160,000	320,000	2	0	225,000	-		
38		Infant Incubator	2	0	2	858,932	1,717,864	0	2	858,932	1,717,864	0	2	900,000	1,800,000	0	2	1,750,000	3,500,000		
39		Suction Pump	1		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	2	0	125,265	-	2	0	125,265	-	2	0	215,000	-	2	0	300,000	-		
41	O.T (04)	Anesthesia Machine with Ventilator	1	0	1	2,509,554	2,509,554	0	1	2,509,554	2,509,554	0	1	3,000,000	3,000,000	0	1	7,000,000	7,000,000		
42		BED SIDE PATIENT MONITOR	2	1	1	441,000	441,000	1	1	441,000	441,000	1	0	550,000	-	1	0	1,200,000	-		
43		Defibrillator	2	0	2	308,713	617,425	0	2	308,713	617,425	0	2	650,000	1,300,000	0	2	800,000	1,600,000		
44		Electrosurgical Unit	1	1	0	507,530	-	1	0	507,530	-	1	0	700,000	-	1	0	900,000	-		
45		Operation Table	1	2	0	1,426,215	-	2	0	1,426,215	-	2	0	2,000,000	-	2	0	2,500,000	-		
46		Ceiling Operating Light	1	1	0	413,013	-	1	0	413,013	-	1	0	800,000	-	1	0	950,000	-		
47		STEAM STERILIZER	1	0	1	3,465,000	3,465,000	0	1	3,465,000	3,465,000	0	1	4,000,000	4,000,000	0	1	7,800,000	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	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		
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	-		
56		Orthopedic Instruments	0	0	0	432,623	-	0	0	432,623	-	0	0	550,000	-	0	0	550,000	-		

Medical Equipment																			
			Original					1st Revised				2nd Revised				3rd Revised			
Sr. No.	Area	Name of Equipment	Yard Stick	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost
57	Gynea (20 beds)	Portable/Mobile Ultrasound	1	1	0	1,418,958	-	1	0	1,418,958	-	1	0	1,500,000	-	1	0	2,400,000	-
58		Autoclave	1	0	1	441,000	441,000	0	1	441,000	441,000	0	1	550,000	550,000	0	1	850,000	850,000
59		Delivery Set	10	1	9	31,500	283,500	1	9	31,500	283,500	1	8	40,000	320,000	1	7	65,000	455,000
60		Delivery Table	2	1	1	47,250	47,250	1	1	47,250	47,250	1	0	47,250	-	1	0	55,000	-
61		BED SIDE PATIENT MONITOR	2	0	2	294,000	588,000	0	2	294,000	588,000	0	2	550,000	1,100,000	0	2	1,200,000	2,400,000
62		D & C Set	2	4	0	34,650	-	4	0	34,650	-	4	0	40,000	-	4	0	60,000	-
63		Vacume Extractor	1	0	1	259,350	259,350	0	1	259,350	259,350	0	1	300,000	300,000	0	1	350,000	350,000
64		CTG Machine	1	1	0	628,049	-	1	0	628,049	-	1	0	725,000	-	1	0	900,000	-
65		ECG Machine Three Channel	1	0	1	169,785	169,785	0	1	169,785	169,785	0	1	180,000	180,000	0	1	300,000	300,000
66		Portable O.T Light	2	1	1	304,220	304,220	1	1	304,220	304,220	1	0	400,000	-	1	0	900,000	-
67	Surgical Emergency (10 beds)	Baby Cot	2	0	2	14,669	29,337	0	2	14,669	29,337	0	2	16,000	32,000	0	2	16,000	32,000
68		Delivery trolley	2	1	1	47,250	47,250	1	1	47,250	47,250	1	0	47,250	-	1	0	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	0	0	3,355,849	-	0	0	3,355,849	-	0	0	4,000,000	-	0	0	7,800,000	-
71		Operation Table	0	0	0	1,426,215	-	0	0	1,426,215	-	0	0	2,000,000	-	0	0	2,500,000	-
72		MOBILE OPERATING LIGHT	0	1	0	285,466	-	1	0	285,466	-	1	0	400,000	-	1	0	900,000	-
73		Suction Pump	0	8	0	259,350	-	8	0	259,350	-	8	0	275,000	-	8	0	300,000	-
74		Laryngoscope	0	3	0	9,744	-	3	0	9,744	-	3	0	12,000	-	3	0	20,000	-
75		Set of Surgical Instruments	0	1	0	141,750	-	1	0	141,750	-	1	0	160,000	-	1	0	220,000	-
76		Others	Stretcher	10	3	7	68,250	477,750	3	7	68,250	477,750	3	4	69,300	277,200	3	1	69,300
77	wheel chair		10	3	7	31,500	220,500	3	7	31,500	220,500	3	4	35,000	140,000	3	1	35,000	35,000
78	foot support		6	0	6	4,200	25,200	0	6	4,200	25,200	0	6	4,500	27,000	0	6	5,148	30,888
79	Resuscitation trolley With Crash Cart		5	0	5	237,618	1,188,091	0	5	237,618	1,188,091	0	5	400,000	2,000,000	0	5	600,000	3,000,000
80	BP Appratus		15	20	0	15,750	-	20	0	15,750	-	20	0	16,000	-	20	0	16,000	-
81	Ventilator		0	0	0	2,195,080	-	0	0	2,195,080	-	0	0	3,500,000	-	0	0	5,500,000	-
82	CPAP		1	0	1	1,098,510	1,098,510	0	1	1,098,510	1,098,510	0	1	2,100,000	2,100,000	0	1	2,800,000	2,800,000
83	X-RAY PROCESSOR		1	0	1	858,440	858,440	0	1	858,440	858,440	0	1	925,000	925,000	0	1	1,200,000	1,200,000
84	Hand wash Scrub Double Bay		2	0	2	94,500	189,000	0	2	94,500	189,000	0	2	100,000	200,000	0	2	140,000	280,000
85	Image Inensifier		0	0	0	4,667,460	-	0	0	4,667,460	-	0	0	4,667,460	-	0	0	12,000,000	-
86	Central Medical Gass Pipe Line System		7	0	7	850,000	5,950,000	0	7	850,000	5,950,000	0	7	-	-	0	7	-	-
87	Motorized Patient bed with bed side,Mattress,IV stand, Attendant Bench		4	0	4	210,000	840,000	0	4	210,000	840,000	0	4	400,000	1,600,000	0	4	600,000	2,400,000
88	Sphygmomanometer wall mtd		4	0	4	15,750	63,000	0	4	15,750	63,000	0	4	30,000	120,000	0	4	35,000	140,000
89	Resuscitation trolley With Crash Cart		2	0	2	244,733	489,466	0	2	244,733	489,466	0	2	400,000	800,000	0	2	600,000	1,200,000
90	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	ICU	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, paedcs	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																			
			Original					1st Revised				2nd Revised				3rd Revised			
Sr. No.	Area	Name of Equipment	Yard Stick	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost
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	40	0	40	70,000	2,800,000	0	40	70,000	2,800,000	0	40	110,000	4,400,000	0	40	150,000	6,000,000
		Total					53,276,017				53,276,017				68,055,020				102,795,438
							53.276				53.276				68.055				102.795

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	1,200,000	1,200,000	1	1,200,000	1,200,000
2	Transformers (100 KVA)	1	450,000	450,000	1	450,000	450,000	1	800,000	800,000	1	800,000	800,000
3	Transformers (50 KVA)	0	300,000	-	0	300,000	-	0	300,000	-	0	300,000	-
4	Generator (200 KVA)	1	4,000,000	4,000,000	1	4,000,000	4,000,000	1	4,000,000	4,000,000	2	6,500,000	13,000,000
5	Generator (100 KVA)	0	2,300,000	-	0	2,300,000	-	0	2,300,000	-	0	2,300,000	-
6	2 Ton air conditioners (split)	23	55,500	1,276,500	23	55,500	1,276,500	23	55,500	1,276,500	23	55,500	1,276,500
7	2 Ton air conditioners (Cabinet)	42	78,000	3,276,000	42	78,000	3,276,000	42	78,000	3,276,000	42	78,000	3,276,000
8	4 Ton air conditioners (Cabinet)	6	120,000	720,000	6	120,000	720,000	6	120,000	720,000	6	120,000	720,000
9	Ceiling Fans 56"	20	3,090	61,800	20	3,090	61,800	20	3,090	61,800	20	3,090	61,800
10	Exhaust Fans	36	3,000	108,000	36	3,000	108,000	36	3,000	108,000	36	3,000	108,000
11	Bracket Fans 18"	48	3,280	157,440	48	3,280	157,440	48	3,280	157,440	48	3,280	157,440
12	Dual Connection of Electricity / Express Line	1	5,000,000	5,000,000	1	5,000,000	5,000,000	1	6,082,668	6,082,668	1	6,082,668	6,082,668
Total				15,649,740			15,649,740			17,682,408			26,682,408
				15,650			15,650			17,682			26,682

IT & QMS & Surveillance

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

Furniture and Fixtures

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)	7	10,221	71,547	7	10,221	71,547	7	13,951	97,657	7	13,951	97,657
2	A2	External Platform/Road Signage (Triangular)	7	9,350	65,450	7	9,350	65,450	7	12,762	89,337	7	12,762	89,337
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)	12	14,600	175,200	12	14,600	175,200	12	19,929	239,148	12	19,929	239,148
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	7	47,683	333,781	7	47,683	333,781	7	65,087	455,612	7	65,087	455,612
12	E1	External Map Boards	3	41,603	124,809	3	41,603	124,809	3	56,788	170,365	3	56,788	170,365
		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)	5	51,759	258,795	5	51,759	258,795	5	70,651	353,255	5	70,651	353,255
4	F4	Internal Hanging Signage (Corridor 2)	5	52,359	261,795	5	52,359	261,795	5	71,470	357,350	5	71,470	357,350
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	110	875	96,250	110	875	96,250	110	1,194	131,362	110	1,194	131,362
8	K1	Internal Wall Signage	110	1,437	158,070	110	1,437	158,070	110	1,961	215,754	110	1,961	215,754
9	L1	Room Numbers Fixed on Wall	60	3,647	218,820	60	3,647	218,820	60	4,978	298,704	60	4,978	298,704
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			3,334,479			3,334,479			4,558,390			4,558,390
		Designing and Site Supervision			100,034			100,034			136,752			136,752
		Grand Total			3,434,513			3,434,513			4,695,142			4,695,142

3.435

3.435

4.695

4.695

DAY CARE CENTER

Yard Stick as per Women Development Department

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

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
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

Sr. No.	ITEMS	Original			1st Revised			2nd Revised			3rd Revised		
		Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total
52	Soft toys	2	700	1,400	2	700	1,400	2	700	1,400	2	700	1,400
53	Infants Manual Weight Machine	1	1,000	1,000	1	1,000	1,000	1	1,000	1,000	1	1,000	1,000
54	Toddlers Manual Weight Machine	1	1,000	1,000	1	1,000	1,000	1	1,000	1,000	1	1,000	1,000
55	Tri Cycles	4	3,500	14,000	4	3,500	14,000	4	3,500	14,000	4	3,500	14,000
56	Wooden Cots	10	10,000	100,000	10	10,000	100,000	10	10,000	100,000	10	10,000	100,000
57	Mattresses for Cots	10	1,200	12,000	10	1,200	12,000	10	1,200	12,000	10	1,200	12,000
58	Pillows	10	300	3,000	10	300	3,000	10	300	3,000	10	300	3,000
59	Bed Sheets and pillow covers	20	400	8,000	20	400	8,000	20	400	8,000	20	400	8,000
60	Nets	10	600	6,000	10	600	6,000	10	600	6,000	10	600	6,000
61	High Chairs for feeding	15	3,000	45,000	15	3,000	45,000	15	3,000	45,000	15	3,000	45,000
62	Rockers Cum Bouncer	8	2,500	20,000	8	2,500	20,000	8	2,500	20,000	8	2,500	20,000
63	Cot Mobile	10	1,500	15,000	10	1,500	15,000	10	1,500	15,000	10	1,500	15,000
64	Plastic Chairs (Round edges Animal Shapes)	7	600	4,200	7	600	4,200	7	600	4,200	7	600	4,200
65	Multi-Purpose Table	2	3,000	6,000	2	3,000	6,000	2	3,000	6,000	2	3,000	6,000
66	Writing Board	1	500	500	1	500	500	1	500	500	1	500	500
67	Electric Sterilizer	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000
68	Electric Warmer	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000
69	Table sets	2	4,000	8,000	2	4,000	8,000	2	4,000	8,000	2	4,000	8,000
70	Rocker	6	3,200	19,200	6	3,200	19,200	6	3,200	19,200	6	3,200	19,200
71	Activity Gym (Infants)	5	2,000	10,000	5	2,000	10,000	5	2,000	10,000	5	2,000	10,000
72	Play Gym	5	2,700	13,500	5	2,700	13,500	5	2,700	13,500	5	2,700	13,500
73	Activity Gym (Toddlers)	5	2,000	10,000	5	2,000	10,000	5	2,000	10,000	5	2,000	10,000
74	Toiler Training Seat	10	3,000	30,000	10	3,000	30,000	10	3,000	30,000	10	3,000	30,000
75	Infant Toys	30	4,000	120,000	30	4,000	120,000	30	4,000	120,000	30	4,000	120,000
76	Bath Toys	15	1,000	15,000	15	1,000	15,000	15	1,000	15,000	15	1,000	15,000
77	Fun Links Teether	15	300	4,500	15	300	4,500	15	300	4,500	15	300	4,500
78	Fun Pal Teether	15	500	7,500	15	500	7,500	15	500	7,500	15	500	7,500
79	Fun Rattle	15	400	6,000	15	400	6,000	15	400	6,000	15	400	6,000
80	Mother feeding Chair	1	3,000	3,000	1	3,000	3,000	1	3,000	3,000	1	3,000	3,000
81	Soft Books (duplication)	20	500	10,000	20	500	10,000	20	500	10,000	20	500	10,000
82	Bottle Brushes	3	300	900	3	300	900	3	300	900	3	300	900
List of others Items i.e. Kitchen, Office, Electric 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
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

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
21	Carpets	1	100,000	100,000	1	100,000	100,000	1	100,000	100,000	1	100,000	100,000
22	Other miscellaneous items	1	218,675	218,675	1	218,675	218,675	1	218,675	218,675	1	218,675	218,675
	TOTAL			1,600,000			1,600,000			1,600,000			1,600,000
				1.600			1.600			1.600			1.600

Human Resource Model of THQ Hospital

		Original				1st Revised				2nd Revised				3rd Revised				
Sr. No.	NAME OF POST	No. of Employees	Per Month Salary	Per Month Salary for Person	Salary for One Year	No. of Employees	Per Month Salary	Per Month Salary for Person	Salary for One Year	No. of Employees	Per Month Salary	Per Month Salary for Person	Salary for Two Years	No. of Employees	Project Pay Scale	Per Month Salary	Per Month Salary for all Person	Salary for Two Years
1	ADMIN OFFICER	1	60,000	60,000	720,000	1	60,000	60,000	720,000	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
2	HUMAN RESOURCE & LEGAL OFFICER	1	60,000	60,000	720,000	1	60,000	60,000	720,000	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
3	IT/STATISTICAL OFFICER	1	60,000	60,000	720,000	1	60,000	60,000	720,000	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
4	FINANCE, BUDGET & AUDIT OFFICER	1	60,000	60,000	720,000	1	60,000	60,000	720,000	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
5	PROCUREMENT OFFICER	1	60,000	60,000	720,000	1	60,000	60,000	720,000	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
6	QUALITY ASSURANCE OFFICER	1	60,000	60,000	720,000	1	60,000	60,000	720,000	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
7	LOGISTICS OFFICER	1	60,000	60,000	720,000	1	60,000	60,000	720,000	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
8	DATA ENTRY OPERATOR (DEO)	2	25,000	50,000	600,000	2	25,000	50,000	600,000	2	35,000	70,000	1,680,000	2	3	44,000	88,000	2,728,000
9	ASSISTANT ADMIN OFFICER	2	40,000	80,000	960,000	2	40,000	80,000	960,000	2	50,000	100,000	2,400,000	2	5	70,000	140,000	4,340,000
10	HR FOR QMS and MSDS and Day Care Center																	
11	QMS Supervisor / Information Desk Officer	2	25,000	50,000	600,000	2	25,000	50,000	600,000	2	25,000	50,000	600,000	2		25,000	50,000	600,000
12	Computer Operator	8	20,000	160,000	1,920,000	8	20,000	160,000	1,920,000	8	20,000	160,000	1,920,000	8		20,000	160,000	1,920,000
13	Consultants (MSDS) Implementation & Clinical Audit	1	100,000	100,000	1,200,000	1	100,000	100,000	1,200,000	1	100,000	100,000	1,200,000	1		100,000	100,000	1,200,000
14	Training on MSDS Compliance for Staff of THQ Hospital	1000	4,000	4,000,000	4,000,000	1000	4,000	4,000,000	4,000,000	1000	4,000	4,000,000	4,000,000	1000		4,000	4,000,000	4,000,000
15	Rent for Vehicle				500,000				500,000				500,000				0	500,000
16	Manager Day Care Center	1	45,000	45,000	540,000	1	45,000	45,000	540,000	1	45,000	45,000	540,000	1		45,000	45,000	540,000
17	Montessori Trained Teacher	1	35,000	35,000	420,000	1	35,000	35,000	420,000	1	35,000	35,000	420,000	1		35,000	35,000	420,000
18	Attendant / Care Giver	4	25,000	100,000	1,200,000	4	25,000	100,000	1,200,000	4	25,000	100,000	1,200,000	4		25,000	100,000	1,200,000
19	Office Boy	1	20,000	20,000	240,000	1	20,000	20,000	240,000	1	20,000	20,000	240,000	1		20,000	20,000	240,000
Sub Total of HR Model				4,860,000	17,220,000			4,860,000	17,220,000			5,040,000	28,140,000				5,273,000	40,473,000
					17.220				17.220				28.140					40.473
Utilization of HR Component									9.290				14.22					
Total of HR Component													37.43					54.695

Janitorial Services

	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 residential area	28,937	sft		
Covered area assigned to one sweeper	7,500	sft		
Number of sweepers required for covered area	4	Persons		
Road and ROW area	239,114	sft		
Road and ROW assigned to one sweeper	15,000	sft		
Number of sweepers required for road and ROW area	16	Persons		
Number of washroom blocks	12	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	24	Persons		
Total number of sweepers in evening shift	12	Persons		
Total number of sweepers in night shift	12	Persons		
Total number of sweepers in all shifts	48	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	48	22,000	12,597,165	
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)			19,125,165	

19.125

Security and Parking

Assumptions		Original		From 1st Revised to onward	
Covered area excluding residences	28,937			In the light of decision made during the Progress Review Meeting of Revamping of DHQ/THQ Hospitals held on 01-01-2018 under the Chairmanship of Chairman, P&D Board; it was inter alia decided as under: "It would be made sure by the P&SH Department that the outsourcing would be shifted to the non-development side from 1st July 2018 next FY". In view of above, Outsourcing cost has been excluded from this PC-I.	
Covered Area per guard	15,000				
Number of guards	2				
Open area excluding parking area	239,114				
Area covered per guard per shift for open area excluding parking	15,000				
Number of guards for total area excluding parking area	16				
Number of gates	2				
Number of guards at gates	4				
Total No of Guard	22				
Total number of all guards for second shift	11				
Lady Searcher	2				
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	10	21,525	215,250	2,583,000	
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				7,749,000	
Equipment cost					
Lump sum Provision (Walk Through Gate=1, Metal Detector=5, Walkies Talkies=10, Base Set=1)				400,000	
Sub total				400,000	
Subtracting Parking Fees				500,000	
Total Security and Parking Services				7,649,000	
				7.649	

Laundry Services

			Original	From 1st Revised to onward
Number of beds	40			
Type of Item	No of Beds	Per bed 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:</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>
No of Bed	40	30,000	1,200,000	
Transport Charges			1,200,000	
Total for laundry items			2,400,000	
Total			2.400	

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:</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>
Periodical Maintenance Cost				
Number of Generators (200 KVA)	-	500,000	-	
Number of Generators (100 KVA)	-	300,000	-	
Number of Generators (50 KVA)	1	175,000	175,000	
Repairs Cost	1	175,000	175,000	
HR Cost				
Supervisor	1	40,000	240,000	
Generator Operator	3	30,000	1,080,000	
Technical Staff/Mechanic	-	30,000	-	
Total			1,670,000	
1.670				

MEP

	Original				From 1st Revised to onward
Type of worker / Component	No of workers	Salary per month	Salary per Month for all persons	Salary for One Year	<p>In the light of decision made during the Progress Review Meeting of Revamping of DHQ/THQ Hospitals held on 01-01-2018 under the Chairmanship of Chairman, P&D Board; it was inter alia decided as under:</p> <p>"It would be made sure by the P&SH Department that the outsourcing would be shifted to the non-development side from 1st July 2018 next FY".</p> <p>In view of above, Outsourcing cost has been excluded from this PC-I.</p>
Supervisors	1	56,420	56,420	677,040	
Plumber	1	32,550	32,550	390,600	
AC/ Technician	1	34,720	34,720	416,640	
Electrician	2	31,465	62,930	755,160	
Car painter	1	30,380	30,380	364,560	
Total (Salary component)			217,000	2,604,000	
	No.	Per Unit Cost per Year	Cost per Year for all Items	Cost for One Year	
A/C	60	6,665	399,900	399,900	
Fridge	5	4,000	20,000	20,000	
UPS	12	8,000	96,000	96,000	
Water Cooler	15	4,000	60,000	60,000	
Exhaust	7	3,000	21,000	21,000	
Geyser	15	4,000	60,000	60,000	
Water Pump	3	3,000	9,000	9,000	
Carpentry Work		-	180,000	180,000	
Electrical Work		-	120,000	120,000	
Plumbing Work		-	75,000	75,000	
Sub Total				1,040,900	
General Total				3,644,900	
				3.645	

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	<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>
Oxygen	Medical Oxygen Gas in 240 CFT Cylinder (MM)	12	144	1850	266,400	
	Medical Oxygen Gas in 48 CFT Cylinder (MF)	30	360	1,000	360,000	
	Medical Oxygen Gas in 24 CFT Cylinder (ME)	40	480	800	384,000	
Nitrous Oxide	Nitrous Oxide in 1,620 Liter (XE)	2	24	5,000	120,000	
	Nitrous Oxide in 16,200 Liter (XM)	1	12	12,500	150,000	
Nitrogen Gas	Nitrogen Gas	1	12	2,000	24,000	
Total					1,304,400	
					1.304	

Cafeteria

Pre-Fabrication Cateen (Procurement)

		Original				From 1st Revised to onward
Sr. No.	Description of work	Unit	Qty	Rate (Rs)	Amount (Rs)	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.
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	
12	Providing and fixing aluminium frame door with single glazed glass 6mm thick complete in all respect as approved by engineer	Sft	56	700.00	39,200	
13	Fixing of frameless Glass wall of approved quality and design as approved by engineer	Sft	550	1500.00	825,000	

Cafeteria

Pre-Fabrication Cateen (Procurement)

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

6.743

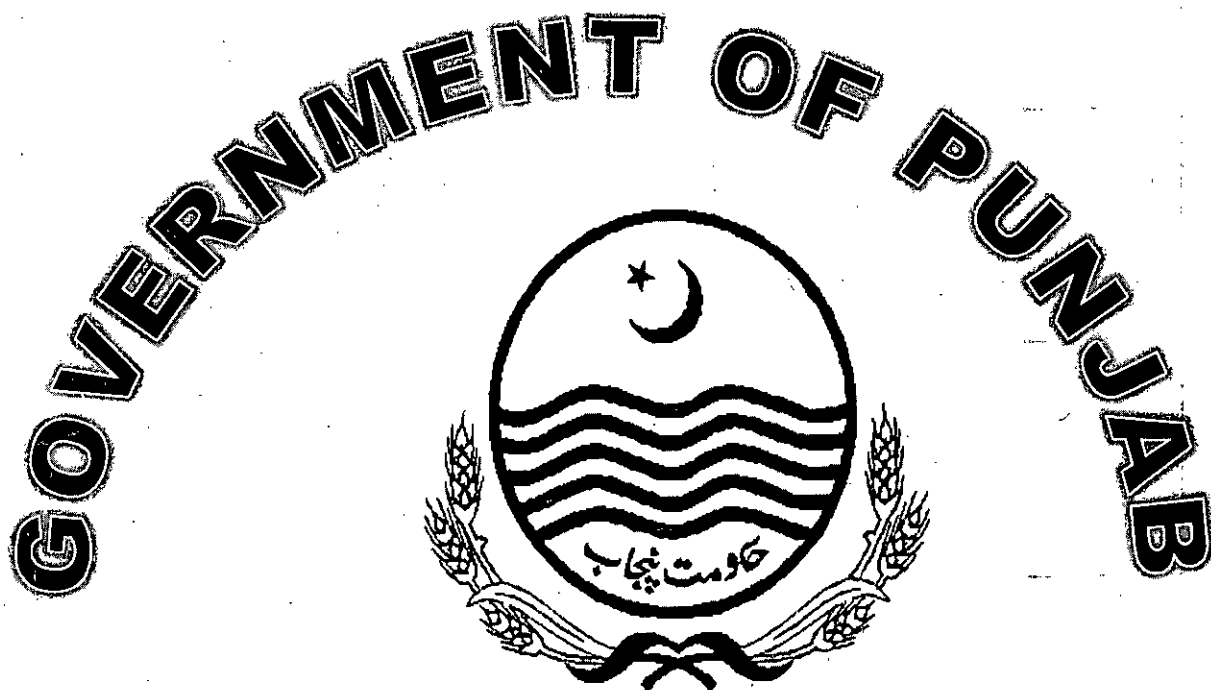
LANDSCAPE DEVELOPMENT WORKS COST ESTIMATE					
		Original			From 1st Revised to onward
Sr. No.	Description	Unit	Quantity	Unit Rate Rs.	Amount Rs.
1	SOFT LANDSCAPE				
1.1	TOP SOIL				
	Providing, spreading and leveling of topsoil (sweet soil including manure and fertilizers) as required complete in all respects as per Drawings, Specifications and as approved by the Engineer.	Cft	52,340	22	1,151,480
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	4	34,375	137,500
1.3	GRASSING				
a	GRASSING (EXISTING NON MAINTANE LAWNS)				
	Providing and dibbing of Fine Dacca grass where required, including mud filling/leveling and contour shape preparation confirming to the criteria outlined in the Specifications, complete in all respects as per Drawings, Specifications and as approved by the Engineer.	Sft	71,781	7	502,467
b	GRASSING (NEW LAWNS)				
	Providing and dibbing of Fine Dacca grass, including mud filling/leveling and contour shape preparation confirming to the criteria outlined in the Specifications, complete in all respects as per Drawings, Specifications and as approved by the Engineer.	Sft	89,726	11.25	1,009,418
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	366	1,500	549,000
b	Trees 12" pot 3'-4" - Polyalthia Long folia, Terminally, Cassia Fistula, Bauhinia Variegated, Latonia Choirs, Delonix Regia, Ficus Yellow, Focus Black, Ficus Starlight, Melaluca, Mimuspss, Pine, Ficus Amestai, Pilken, Palms etc.	No's	85	270	22,950
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	20	600	12,000
1.5	Shrubs and Ornamental Plants 10" pot Pittosporum Variegated, Murray Small, Ixora Coccinea, Juniper Varigated, Hibiscus Variegated, Carronda Dwarf Spp, Jasmine Sambac(Mottya), Leucophyllum Frutescens(Silvery), Rose, Nerium, Lantana, Canna, Asparagass, Conocarpus, Acalypha, Callistemon Dwarf, Cestrum, Thabernaemontara Variegated etc.	No's	32,628	69	2,251,332

In the light of decision made during the Progress Review Meeting of Revamping of DHQ/THQ Hospitals held on 01-01-2018 under the Chairmanship of Chairman, P&D Board; it was inter alia decided as under: "It would be made sure by the P&SH Department that the outsourcing would be shifted to the non-development side from 1st July 2018 next FY". In view of above, Outsourcing cost has been excluded from this PC-I.

LANDSCAPE DEVELOPMENT WORKS COST ESTIMATE					
		Original			From 1st Revised to onward
a	Shrubs and Ornamental Plants 12" pot Pittosporum Variegated, Ixora Cochineal, Juniper Variegated, Carronade Dwarf, Jasmine Thai, Plumier Robar, Cassia Malacca, Largest mea, Euphorbia, Jestropha Thai etc	No's	5,127	195	999,765
1.6	GROUND COVERS				
	Providing and planting ground covers as listed and as arrangement and type shown in the Drawings, in pits of size 150mm x 150mm x 150mm. Dug in improved soil 610mm deep filled by adding 10% cow dung manure and confirming to the criteria outlined in the Specifications, complete in all respects and to the satisfaction of Engineer .				
	Ground Cover Plastic Bag Plants Alternant Hera, Dianella, Iresine (Red), Hemercolis(Daylily), Duranta etc	No's	34,845	12	418,140
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	42	3,675	154,350
b	Palm 18" pot - Phoenix Palm, Cyrus Palm	No's	56	1,800	100,800
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	174	195	33,930
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 60mm as per approved design fixing on 4" brick ballast compacted and grouting with sand.	Sft	7178	150	1,076,700
2.2	BENCHES				
	Concrete Bench 5' wide complete in all respects and to the satisfaction of Engineer as per approved design.	No's	33	14,698	485,034
2.3	DUSTBINS				
	Complete in all respects and to the satisfaction of Engineer as per approved design.	No's	22	27,700	609,400
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	31	3,850	119,350
2.6	WATER POINTS (Injector Pump 1HP)	No's	6	45,000	270,000

**LANDSCAPE DEVELOPMENT WORKS
COST ESTIMATE**

		Original			From 1st Revised to onward
	SOFT LANDSCAPE MAINTENANCE				
3	(Including maintenance and up keeping of site for 6 months) after development as per specifications and to the satisfaction of Engineer.	Sft	179,452	9.00	1,615,068
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	698	550	383,900
	Medium Size				
4.2	with keystones fixed with cement with top concrete slab as per design and to the satisfaction of Engineer.	No's	91	550	50,050
	Small Size				
4.3	with keystones fixed with cement with top concrete slab as per design and to the satisfaction of Engineer.	No's	167	550	91,850
	GAZEBO				
5	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				12,789,423
	PRA(16%)				2,046,308
	Design Consultancy				100,000
	TPV (3%)				383,683
	Grand Total				15,319,413
					15.319



BUILDINGS CIRCLE DERA GHAZI KHAN

BUILDING DIVISION LAYYAH

**ROUGH COST ESTIMATE FOR THE WORK
"REVAMPING OF HEALTH FACILITY OF TEHSIL HEAD
QUARTER HOSPITAL CHOWK AZAM DISTRICT
LAYYAH.**

RECEIVED & ENTERED	
Order No.	6195
Date:	10-11-2022
PAID TO: C.O.	
PAID TO: PASHNA	
Deputy PD	
Finance & Admin	
Procurement	
Outsourcing	
Infrastructure	
Planning & HR	
ICT	
Operations	
TSC	
BERG	
MAKING SIGNATURES	

49.983(M)

ESTIMATED COST = Rs: 46.649 (M)

BUILDINGS SUB-DIVISION LAYYAH

PROVINCE PUNJAB

CIRCLE BUILDING CIRCLE DERA GHAZI KHAN

DIVISION BUILDING DIVISION LAYYAH

SUB- DIVISION BUILDING SUB-DIVISION LAYYAH

NAME OF WORK ROUGH COST ESTIMATE FOR THE WORK
"REVAMPING OF HEALTH FACILITY OF
TEHSIL HEAD QUARTER HOSPITAL
CHOWK AZAM DISTRICT LAYYAH.

MAJOR HEAD

MINOR HEAD

ESTIMATED COST 49.983(M)
Rs: 46.649(M)

63

ROUGH COST ESTIMATE FOR FRAMED IN THE OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS DIVISION LAYYAH FOR THE WORK "REVAMPING OF HEALTH FACILITY OF TEHSIL HEAD QUARTER HOSPITAL CHOWK AZAM DISTRICT LAYYAH"

REFERENCE:

Project Director, Project Manager PMU (P&SHD) Punjab Lahore & Medical Superintendent THQ Hospital Chowk Azam office letter No. 1741/THQ Dated: 04.11.2022

HISTORY:

The Client Department has been requested vide letter quoted above & the scope of work is prepared by the Project Director, Project Manager PMU (P&SHD) Punjab Lahore & Medical Superintendent THQ Hospital Chowk Azam District Layyah is provide vide letter quoted under reference.

Hence rough cost estimate amounting to Rs. ~~46.649(M)~~ ^{49.983(M)} is prepared for arranging administrative approval & release of funds from the competent authority.

SCOPE OF WORK:

S.No	Detail of Items	Qty	Unit
1	Cost of Revamping of THQ Hospital Kot Sultan District Layyah (Main	1 No	Job
2	Pumping Chamber for Sludge Pump 1x(13-1/2x13-1/2)	182.25	Sft
3	Construction of Electric Panel Room for (16.50x16.50')	1 No	Each
4	Construction of Room for Purification Plant (16.50x18')	1 No	Each
5	Cost of RO water Filtration Plant with hygienic Ultra filtraion 4000 LPH .	1 No	Job
6	Cost of Chiller .	1 No	Each
7	Cost of Emergency Fire Alarm System in Main OPD Block, Diagnostic & Indoor i/c Gaynee Block.	1 No	Job
8	External Development (Sewrage System, Collecting Tank, Septic Tank, Water supply, Sludge Pump)	1 No	Job

EXECUTION:

The work will be got executed in accordance with the 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 specification with latest edition through the approved contractor of P.W.D after calling tenders on competitive grounds.

LAND:

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

RATE:

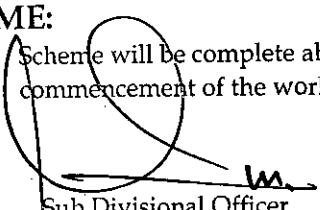
The estimate is based on latest approved plinth area rates notified by the Chief Engineer Punjab Works Department Lahore for the period MRS, 2nd BI-ANNUAL-2022 (01.07.2022 to 31.12.2022) DISTRICT LAYYAH and as per nonscheduled rates prepared on analysis basis according to prevailing market rates.

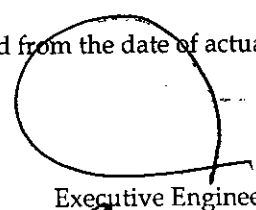
COST:

The total cost of the scheme comes to Rs. ~~46.649(M)~~ ^{49.983(M)}

TIME:

Scheme will be complete about 12 months & subject to release of full funded from the date of actual commencement of the work


Sub Divisional Officer
Buildings Sub Division
Layyah


Executive Engineer
Buildings Division
Layyah



Primary & Secondary
Healthcare Department

OFFICE OF THE
MEDICAL SUPERINTENDENT
THQ LEVEL HOSPITAL CHOWK AZAM
PH: 0606372484

No. 1741 /THQ

dated 04/11/2022

To,

- The Executive Engineer,
Building Division,
Layyah.

Subject: - **REQUEST FOR COST ESTIMATE FOR CIVIL WORK SCOPE DETERMINED
BY PROJECT MANAGEMENT UNIT, P&SHD, LAHORE.**

With reference to subject cited above, It is stated that the scope of civil work determined by Project Management Unit, P&SHD, Lahore for THQ Level Hospital Chowk Azam is attached as (Annex-A). You are requested to provide the cost estimation for the said scope of work as soon as possible.

This is submitted for your kind information & further necessary action, please.


Medical Superintendent
THQ Level Hospital Chowk Azam

No. / /THQ

dated / /2022

Copy forwarded to for information: -

1. The Project Director, Project Management Unit, P&SHD, Lahore.
2. The Deputy Commissioner (Administrator DHA), Layyah.
3. The Chief Executive Officer, DHA, Layyah.
4. The Assistant Commissioner, Layyah.
5. The Manager Operations, PMU South, Multan.
6. Office Copy.


Medical Superintendent
THQ Level Hospital Chowk Azam

SCOPE OF WORK FOR REVAMPING OF HEALTH FACILITY THQ HOSPITAL CHOWK AZAM DISTRICT LAYYAH

Sr No	Item	Main Building	Diagnostic Block (X-Ray, Lab and OT's)	Indoor Block (Male and Female Wards)
1	Porcelain Floor Tile replacement	All floor tiles full body porcelain needs to be retained where fixed. Note Inside rooms/offices indicated during site visit where at present Terrazo flooring exists full body porcelain tiles need to be fixed.	All floor tiles full body porcelain needs to be retained. Note Only in rooms/offices indicated during site visit where at present Terrazo flooring exists full body porcelain tiles need to be fixed. Note All floor tiles full body porcelain needs to be fixed in X-Ray Block.	All floor tiles full body porcelain need to be retained. Note Only in rooms/offices indicated during site visit where at present Terrazo flooring exists full body porcelain tiles need to be fixed. Note All floor tiles matching with existing tiles need to be fixed in outer corridor of Indoor Block.
2	Porcelain Wall Tile replacement	All wall/dado tiles full body porcelain needs to be retained where already fixed. Note Inside rooms indicated during site visit where at present Terrazo flooring exists full body porcelain skirting tiles need to be fixed. Note Wall/dado must be upto 8 ft. in corridor and inside wards. Skirting level must be 8" inside rooms/offices.	All wall/dado tiles full body porcelain need to be retained in entire Diagnostic Block (X-Ray & Lab). Note Only in rooms indicated during site visit where at present Terrazo flooring exists full body porcelain skirting tiles need to be fixed. Note Wall/dado must be upto 8 ft. in corridor and inside wards. Skirting level must be 8" inside rooms/offices. Note All wall/dado tiles need to be fixed in X-Ray Block.	All wall/dado tiles full body porcelain needs to be retained. Note Wall/dado must be upto 8 ft. in corridor and inside wards. Skirting level must be 8" inside rooms/offices. Note All wall/dado tiles need to be fixed in outer corridor of Indoor block.
3	Wooden Doors flush or Solid/ Main Doors and Aluminium Doors	Only damaged doors which are few in number needs to be replaced with new wooden doors. All Entrance doors of OPD needs to be replaced with Aluminium doors half Solid and Half glass doors.	Only damaged and needs to be replaced by new wooden doors. Remaining doors in good condition will only be repainted properly after scrapping the old paint. Entrance doors to be replaced with Aluminium doors.	Only damaged and needs to be replaced by new wooden doors. Remaining doors in good condition will only be repainted properly after scrapping the old paint. Entrance doors to be replaced with Aluminium doors.
4	Window opening (opening to open new) MS Windows on Façade	All MS Angle windows need to be retained and Mesh only needs to be fixed.	All MS Angle windows need to be retained and Mesh only needs to be fixed.	All MS Angle windows need to be retained and Mesh only needs to be fixed.

Admin Officer
THQ Hospital
Chowk Azam

Medical Superintendent
THQ Hospital
Chowk Azam

**ROUGH COST ESTIMATE FOR THE WORK "REVAMPING OF HEALTH FACILITY OF TEHSIL HEAD QUARTER
HOSPITAL CHOWK AZAM DISTRICT LAYYAH.**

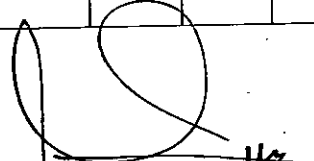
ABSTRACT OF COST.

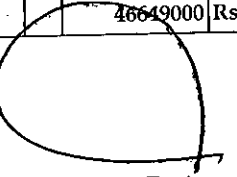
ABSTRACT OF COST.														
S. N.	Description	Quantity	Unit.	Plinth Area Rates for 2nd BI-ANNUAL-2022 (1ST July TO 31st December 2022) DISTRICT LAYYAH.							Total Rate	Amount	Remarks.	
				Rate										
				B:Portion					P.H	E.I				
1	2	3	4	5					6	7	8	9	10	
NON RESIDENTIAL PORTION.														
1	Cost of Revemping of THQ Hospital Kot Sultan District Layyah (Main OPD,Dignostic Block & Indoor Block i/c Gaynee Block)	1	No	Job	Rs.	31754611					Rs.	31754611.00	Rs. 31754611 36236616	Plinth Area Rates for 2nd BI-ANNUAL-2022 (1ST July TO 31st December 2022) DISTRICT LAYYAH.
2	Pumping Chamber for Sludge Pump 1x(13-1/2x13-1/2)	182.25	Sft	P.Sft	Rs.	2601				93	Rs.	2694.00	Rs. 490982	Plinth Area Rates
3	Construction of Electric Panel Room for (16.50x16.50')	272.25	Sft	P.Sft	Rs.	2601				93	Rs.	2694.00	Rs. 733442	Plinth Area Rates
4	Construction of Room for Purification Plant (16.50x18')	297	Sft	P.Sft	Rs.	2601				93	Rs.	2694.00	Rs. 800118	Plinth Area Rates
5	Cost of RO water Filtration Plant with hyginic Ultra filtraion 4000 LPH .	1	No	Each	Rs.	1808100					Rs.	1808100.00	Rs. 1808100 ✓	Analysis attached
6	Cost of Chiller .	1	No	Each	Rs.	339100					Rs.	339100.00	Rs. 339100 ✓	Analysis attached
7	Cost of Emergency Fire Alarm System in Main OPD Block, Diagnostic & Indoor i/c Gaynee Block.	1	No	Job	Rs.	1104380					Rs.	1104380.00	Rs. 1104380 ✓	Detailed attached
8	Cost of External Development (Sewrage System,Collecting Tank,Septic Tank,Water supply,Sludge Pump)	1	No	Job	Rs.	5818349					Rs.	5818349.00	Rs. 5818349 ✓	Detailed attached
											Total =	Rs. 42849082	4731087	
	Recovery of Old Material	1	No	Job	Rs.	528700					Rs.	528700.00	Rs. 528700	46698057

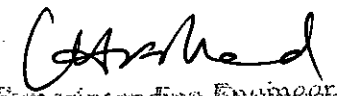
46226707

S. N.	Description	Quantity	Unit.	Plinth Area Rates for 2nd BI-ANNUAL-2022 (1ST July TO 31st December 2022) DISTRICT LAYYAH.							Total Rate	Amount	Remarks.
				Rate									
				B:Portion				P.H	E.I				
1	2	3	4	5				6	7	8	9	10	
											Total = Rs.	42320382	46802387
											2024542	Rs. 202454	
	Add: External Development										Total = Rs.	42522836	46802387
											Rs.	2126142	2340119
	Add: 5% PRA Charges.												
	Add: WAPDA Connection Charges for 50 KV & 25 KV Transformer.										Rs.	2000000	
											G.Total. Rs.	46648978	49982907
											46649000	Rs. 46.649(M)	


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Layyah


Executive Engineer
Buildings Division
Layyah

49.983.

Superintending Engineer
Buildings Circle
Dera Ghazi Khan

COMPARATIVE STATEMENT

TEHSIL HEAD QUARTER HOSPITAL CHOWK AZAM

Sr No	CHAP/ITEM	DESCRIPTION	AS PER ROUGH COST 2ND BI-ANNUAL 2021				AS PER ROUGH COST 2ND BI-ANNUAL 2022				DIFFERENCE	
			QUANTIT Y	UNITS	RATE	AMOUNT	QUANTIT Y	UNITS	RATE	AMOUNT	EXCESS	SAVINGS
1	2	3	4	5	6	7	4	5	6	7		
"A" PLINTH AREA RATES.												
		Pumping Chamber for Turbine & Purification plant 1x(13-1/2x13-1/2)	297	P-Sft	2161.00	641817	182	P.Sft	2694.00	✓ 490982	--Nil--	150835
		Construction of Electric Panel Room for (16.50x16.50')	0	P-Sft		0	272	P.Sft	2694.00	✓ 733442	733442	--Nil--
		Construction of Room for Purification Plant (16.50x18')	0	P-Sft	2161.00	0	297	P.Sft	2694.00	✓ 800118	800118	--Nil--
		Cost of RO water Filtration Plant with hyginic Ultra filtraion 4000 LPH .	1	Each	1455200.00	1455200	1	P.Job	1808100.00	✓ 1808100	352900	--Nil--
		Cost of Chiller .	1	Each	252800.00	252800	1	P.Job	339100.00	✓ 339100	86300	--Nil--
		Cost of Emergency Fire Alarm System in Main OPD Block, Diagnostic & Indoor i/c Gaynee Block.	0	P-Sft		0	1	P.Job	1104380.00	1104380	1104380	Nil
		Provision of Security Iron Grill on Boundary Wall (480+340+480+340)=1640 Rft	0	P-Rft	1476.00	0	0	P.Rft		0	--Nil--	--Nil--
		Provision of Electric Instalation and Sanitary fittings. (OPD Block)	23582	P-Sft	50.00	1179100	0	P.Sft		0	--Nil--	1179100
		Provision of Electric Instalation and Sanitary fittings. (Dignostic Block)	4506	P-Sft	50.00	225300	0	P.Sft		0	--Nil--	225300
		Provision of Electric Instalation and Sanitary fittings. (Indoor Block)	8700	P-Sft	50.00	435000	0	P.Sft		0	--Nil--	435000
		Provision of Electric Instalation and Sanitary fittings. (Emergency Block)	10700	P-Sft	50.00	535000	0	P.Sft		0	--Nil--	535000
		Construction of Waiting Shed	1	Job	1012500.00	1012500	0	P.Job		0	--Nil--	1012500
		Construction of Car Parking Shed	1	Job	606600.00	606600	0	P.Job		0	--Nil--	606600
											--Nil--	--Nil--
											--Nil--	--Nil--
"A" STANDARDIZED ITEMS												
		EARTHWORK (EXCAVATION & EMBANKMENT)									--Nil--	--Nil--
1	3/13	Rehandling of earthwork:- a) Lead upto a single throw of Kassi, phaorah or shovel.	33432.00	%oCft	1776.70	59399	10298.00	%oCft	2539.70	26154	--Nil--	33245
1	3/15	Filling, watering and ramming earth under floors:- ii) Surplus earth from foundation	17915.00	%oCft	3583.55	64199	0.00	%oCft		0	--Nil--	64199
2	3/15	Filling, watering and ramming earth under floors:- ii) with new earth excavated from outside, lead upto ONE mile	6685.00	%oCft	10978.6	73392	0.00	%oCft		0	--Nil--	73392
3	3/21	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) ii) in ordinary soil.	27282	%oCft	7492.3	204405	0	%oCft	10677.75	0	--Nil--	204405
4	3/42	Excavation of trenches in all kinds of soil, except cutting rock, for watersupply pipelines upto 5 ft. (1.5 m) depth from ground level, including trimming, dressing sides, leveling the beds of trenches to correct grade and cutting pits for joints, etc. complete in all respects.	0	%oCft		0	1930	%oCft	7622.75	14712	14712	--Nil--

Sr No	CHAP/ ITEM	DESCRIPTION	QUANTIT Y	UNITS	RATE	AMOUNT	QUANTIT Y	UNITS	RATE	AMOUNT	EXCESS	SAVINGS
1	2	3	4	5	6	7	4	5	6	7		
4	3/42	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	37681	%oCft	6221.15	234419	12049	%oCft	11740.4	141460	--Nil--	92959
4	3/42	ii) 7.01 ft. to 15.0 ft. (2.15 to 4.5 m) depth	336	%oCft	10463.85	3516	94	%oCft	16886.55	1587	--Nil--	1929
											--Nil--	--Nil--
		DISMANTLING									--Nil--	--Nil--
1	4/13	Dismantling brick work in lime or cement mortar.	1021	%Cft	3020.40	30838	104	%Cft	4317.45	4490	--Nil--	26348
2	4/16	Dismantling mud concrete.	2674	%Cft	148.05	3959	0	%Cft	2031.75	0	--Nil--	3959
3	4/16	Dismantling brick or flagged flooring without concrete foundation	0	%Cft		0	0	%Cft	863.50	0	--Nil--	--Nil--
4	4/19	c) Dismantling cement concrete 1:2:4 plain.	231	%Cft	7817.55	18059	1082	%Cft	11174.60	120955	102896	--Nil--
5	4/20	Dismantling cement concrete reinforced, separating reinforcement from concrete, cleaning and straightening the same.	0	%Cft		0	0	%Cft	18285.70	0	--Nil--	--Nil--
6	4/22	b) Dismantling 2nd class tile roofing.	0	%Sft		0	0	%Sft	1,269.85	0	--Nil--	--Nil--
7	4/32	a) Removing door with chowkat.	140	Each	295.15	41321	59	Each	438.00	25842	--Nil--	15479
8	4/32	b) Removing windows and sky lights with chowkat	166	Each	228.35	37906	108	Each	341.50	36882	--Nil--	1024
9	4/48	Removing old mud/cement or lime plaster.	0	%Sft		0	7450	%Sft	423.30	31536	31536	--Nil--
9	4/48	Removing old Mud plaster from walls.	0	%Sft	148.05	0	0	%Sft		0	--Nil--	--Nil--
10	4/50	Dismantling glazed or encaustic tiles, etc.	28950	%Sft	1606.20	464995	6506	%Sft	2335.85	151970	--Nil--	313025
		CONCRETE									--Nil--	--Nil--
1	6/2	Dry rammed Brick or stone ballast 1-1/2" to 2" gauge in foundation and plinth.	7303	%Cft	4051.1	295852	0	%Cft	8891.5	0	--Nil--	295852
2	6/3	Cement concrete brick or stone ballast 1 1/2 " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- (d) Ratio 1: 4:8	177	%Cft	13472.75	23847	0	%Cft		0	--Nil--	23847
2	6/3	Cement concrete brick or stone ballast 1 1/2 " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- (d) Ratio 1: 6:12	163	%Cft	11507.15	18757	625	%Cft	21060.85	131630	112873	--Nil--
3	6/5	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):- (f) Ratio 1: 2: 4	1421.4	%Cft	22784.80	323863	1607.0	%Cft	38126.10	612686	288823	--Nil--
4	6/6	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)	1184	P-Cft	379.60	4494	27	P-Cft	556.50	15026	10532	--Nil--
5	6/6	Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and other structural members other than those mentioned in 5(a) (i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- (3) Type C (nominal mix 1: 2: 4)	576.00	P-Cft	274.75	158256	603.64	P-Cft	457.75	276316	118060	--Nil--

Sr No	CHAP/ITEM	DESCRIPTION	QUANTIT Y	UNITS	RATE	AMOUNT	QUANTIT Y	UNITS	RATE	AMOUNT	EXCESS	SAVINGS
1	2	3	4	5	6	7	4	5	6	7		
6	6/9	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- (b) Deformed bars (Grade-40)	3732	% Kgs	15930.60	594597	1592	% Kgs	31409.15	499889	--Nil--	94708
14	6/27	Providing and fixing 6 in(150 mm). wide curved sheet of required shape fixed on face of the construction joint with G.I.screw,1.5 in (40 mm) long to cover construction joints vertically:- ii) G.I. sheet, 18 SWG	0	P-Rft	0		168	P-Rft	233.45	39220	39220	--Nil--
14	6/28	Providing and fixing 1/8" (3 mm) thick 3" (75 mm) wide aluminium strip on horizontal and vertical expansion joints in walls, columns,ceilings and floors etc., including cost of clips/screws etc.,complete in all respects:-a) On interior surface (without mastic strip)	0	P-Rft	0		66	P-Rft	147.30	9722	9722	--Nil--
14	6/28	b) On exterior surface (with mastic strip)	0	P-Rft	0		126	P-Rft	155.70	19618	19618	--Nil--
14	6/31	Providing embedding 10" (250 mm) wide 1/4" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects.	0	P-Rft	0		126	P-Rft	281.25	35438	35438	--Nil--
7	0	Fibration of Heavy steel work with angle,Tee, flat iron, round iron,& sheetiron for making Trusses etc i/c cutting,drilling,revitting,Handling,Assembling etc w/out erection in position	0	% Kgs	0						--Nil--	--Nil--
	6/3	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)	26	%Cft	5237.25	1362	0	%Cft	21060.85	0	--Nil--	1362
		BRICK WORK									--Nil--	--Nil--
1	7/4	Pacca brick work in foundation and plinth in:- i) Cement, sand mortar:- Ratio 1:6	9693	%Cft	21465.45	2080646	0	%Cft	28578.7	0	--Nil--	2080646
2	7/5	Pacca brick work in ground floor:- i) cement, sand mortar:- i) Ratio 1:6	0	%Cft	0		0	%Cft	30762.50	0	--Nil--	--Nil--
2	7/5	Pacca brick work in ground floor:- i) cement, sand mortar:- i) Ratio 1:4	1341	%Cft	23855.80	319906	111	%Cft	31625.30	35104	--Nil--	284802
3	7/7	Pacca brick work other than building upto 10ft. (3 m) height. i) cement, sand mortar:- Ratio 1:4	2083	%Sft	22206.65	462565	3029	%Sft	30526.3	924642	462077.1075	--Nil--
3	7/7	Pacca brick work other than building upto 10ft. (3 m) height. i) cement, sand mortar:- Ratio 1:4 i) Above 10' height upto 20' height.	0	%Sft	22206.65	0	293	%Sft	31872.15	93385	93385.3995	--Nil--
3	7/7	Pacca brick work other than building upto 10ft. (3 m) height. i) cement, sand mortar:- Ratio 1:5	1605	%Sft	22582.85	362455	3029	%Sft	30526.3	924642	562186.8845	--Nil--
4	7/10	Extra for pacca brick work in steining of wells or any other circular masonry.	0	%Cft	0		0	%Cft	0	0	--Nil--	--Nil--
5	7/30	Supplying and filling sand under floor; or plugging in wells.	8794	%Cft	2096.10	184331	0	%Cft	2,823.30	0	--Nil--	184331
6		ROOFING									--Nil--	--Nil--

Sr No	CHAP/ITEM	DESCRIPTION	QUANTIT Y	UNITS	RATE	AMOUNT	QUANTIT Y	UNITS	RATE	AMOUNT	EXCESS	SAVINGS
1	2	3	4	5	6	7	4	5	6	7		
7	9/5	Single layer of tiles 9"x4 1/2"x1 1/2" (225x113x40 mm) laid over 4" (100 mm) earth and 1" (25 mm) mud plaster without Bhoosa, grouted with cement sand 1:3 on top of RCC roof slab, provided with 34 lbs. per %Sft. or 1.72 Kg/Sq.m bitumen coating sand blinded. Ground Floor	0	%Sft		0	0	%Sft	11162.25	0	--Nil--	--Nil--
8	9/15	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm)	0	Each		0	41	Each	854.35	35028	35028	--Nil--
9	9/45	Providing and Laying Insulation material of Extruded Polystyrene XPS in Rigid Insulation/ Foam Board on roof or walls, Density 32-38Kg/M, compressive strength 250-400 kpa, R-value 5 per inch thickness and water absorption (1% by volume, cell structure closed cell) i/c cutting and placing in position. complete in all respect. b)1-1/2" thick	0	%sft		0	0	%sft	9,459.55	0	--Nil--	--Nil--
10	9/48	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" x 1" at wall sides, galvanized tee 1 1/4" x 1" and 1 1/2" x 1" both at 4' c/c (made of Taiwan CKM or equivalent), hanging with G.I/Copper wire 16 SWG, G.I hook, Rawal Plug etc: complete in all respects as approved and directed by the Engineer Incharge. iv)12 mm thick	0	P.sft		0	0	P.sft	99.85	0	--Nil--	--Nil--
11		FLOORING									--Nil--	--Nil--
12	10/3	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.	9457	%Cft	4555.25	430790	2660	%Cft	9284.40	246965	--Nil--	183825
7	10/7	Grouting 4 1/2" (113 mm) dry brick work with cement mortar ratio 1: 5	0	%Sft		0	29771	%Sft	1295.00	385534	385534	--Nil--
3	10/24	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"	1984	P-Sft	187.00	371008	0	P-Sft		0	--Nil--	371008
6	10/25	Providing and laying superb quality Ceramic tiles dado of Maste brand of specified size,Glossy/Matt/Texture skirting/dado of approve Color and Shade with adhesive bond over 1/2"thick (1:2) cemen plaster i/c the cost of sealer for finishing the joints i/c cutting grindin complete in all respects as approved and directed by the Enginee Incharge. i) 12"x18"/12"x24"/10"x24" /8"x24"/12"x36"	8727	P-Sft	192.00	1675584	0	P-Sft		0	--Nil--	1675584

Sr No	CHAP/ ITEM	DESCRIPTION	QUANTIT Y	UNITS	RATE	AMOUNT	QUANTIT Y	UNITS	RATE	AMOUNT	EXCESS	SAVINGS
1	2	3	4	5	6	7	4	5	6	7		
15	10/41	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	24600	P-Sft	110.75	2724450	0	P-Rft		0	--Nil--	2724450
13	10/42	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	13295	P-Sft	236.00	3137620	11109	P-Sft	340.50	3782615	644995	--Nil--
13	10/42	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) b) Half body Tile d) (Non-Skid Chequered Tiles) 300mmx300mm	960	P-Sft	177.00	169920	264	P-Sft	211.55	55849	--Nil--	114071
13	10/43	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 tiles (ii) 600mmx 600 mm	17040	P-Sft	241.00	4106640	17691	P-Sft	340.50	6023786	1917146	--Nil--
14	10/42	Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels:- a) size 1 1/2" x 3/8" (40 mm x 10 mm)	0	P-Rft		0	0	P-Rft	19.80	0	--Nil--	--Nil--
15	10/45	Providing and laying flooring with China Verona Marble having uniform texture (Spotless) of required size and specified thickness, with adhesive bond over 3/4" thick bedding of (1:2) cement sand mortar i/c the cost of matching sealer, cutting, grinding and chemical polishing complete in all respect as approved and directed by the Engineer Incharge. ii) 3/4" thick	0	P-Rft		0	1213	P-Rft	368.70	447233	447233	--Nil--
15	10/46	Providing and laying 3/8" thick Prepolished Marble skirting/risers having uniform texture (spotless) of size 24"x6" of approved quality and shade with adhesive bond over 3/4" thick (1:2) cement sand mortar complete in all respect i/c the cost of matching sealer to finish the joints as approved and directed by the Engineer Incharge. i) China Verona	0	P-Rft		0	109	P-Rft	204.55	22296	22296	--Nil--

Sr No	CHAP/ ITEM	DESCRIPTION	QUANTIT Y	UNITS	RATE	AMOUNT	QUANTIT Y	UNITS	RATE	AMOUNT	EXCESS	SAVINGS
1	2	3	4	5	6	7	4	5	6	7		
15	10/47	Providing and laying flooring with China Verona Marble having uniform texture (Spotless) of required size and specified thickness, with adhesive bond over 3/4" thick bedding of (1:2) cement sand mortar 1/c the cost of matching sealer, cutting, grinding and chemical polishing complete in all respect as approved and directed by the Engineer Incharge. ii) 3/4" thick	0	P-Rft		0	744	P-Rft	412.30	306751	306751	--Nil--
		SURFACE RENDERING									--Nil--	--Nil--
1	11/9	Cement plaster 1:4 upto 20' (6.00 m) height:- b) 1/2" (13 mm) thick	19296	%Sft	2102.85	405766	15345	%Sft	3241.60	497424	91658	--Nil--
2	11/10	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height. b) 1:3	1605	%Sft	2586.45	41513	0	%Sft		0	--Nil--	41513
3	11/11	Cement plaster 1:5 upto 20' (6.00 mm) height:- b) 1/2" (13 mm) thick	0	%Sft		0	0	%Sft	3092.10	0	--Nil--	--Nil--
4	11/18	Cement pointing struck joints, on walls, upto 20 ft a) 1:2	1901	%Sft	2717.60	51662	0	%Sft	3516.15	0	--Nil--	51662
5	11/31	Extra cost of labour and material for red oxide pigment incement pointing to match with the colour of bricks.	0	%Sft		0	0	%Sft	652.50	0	--Nil--	--Nil--
4	11/23	Distempering to old surface 2 coats.	0	%Sft		0	23414	%Sft	705.15	165104	165104	--Nil--
		WOOD WORK									--Nil--	--Nil--
1	12/17	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	105	P-Sft	3768.75	395719	0	P-Sft	727.05	0	--Nil--	395719
2	12/28	Providing and fixing 3"x4-1/2" chowkat for doors, windows and C.windows, including holdfast, etc.c) Shisham wood	0	P-Sft		0	0	P-Sft	825.85	0	--Nil--	--Nil--
3	12/45	Glazing with panes (24 oz. to 26 oz.), using putty and deodar wooden fillets.	0	P-Sft		0	0	P-Sft	205.70	0	--Nil--	--Nil--
4	12/48	Providing and fixing 1 1/2" (40 mm) thick deodar wood panelled or panelled and glazed, doors and windows, with mild steel chowkat (frame), etc. complete in all respects (excluding sliding bolt or lock) with:- i) M.S. angle iron 1 1/2"x1 1/2"x1/4", welded (40 mm x 40 mm x 6 mm) with M.S. flat 2"x3/4" (50 mm x 6 mm)	0	P-Sft		0	0	P-Sft	1527.50	0	--Nil--	--Nil--
5	12/50	Providing and fixing 1 1/2" (40mm) thick solid flush door shutter (Approved Factory Manufactured) with commercial ply (5 mm thick) on both sides double pressed and deodar wood lipping 1 1/2"x3/8" (40mm x 10mm) around shutter including chromium plated fitting, iron hinges with aluminium kick plate 22 SWG on both sides & finger plate complete in all respect.	0	P-Sft		0	386	P-Sft	502.20	193849	193849	--Nil--

Sr No	CHAP/ITEM	DESCRIPTION	QUANTIT Y	UNITS	RATE	AMOUNT	QUANTIT Y	UNITS	RATE	AMOUNT	EXCESS	SAVINGS
1	2	3	4	5	6	7	4	5	6	7		
6	12/54	Providing and fixing M.S. flat 1/2"x1/8" (13mm x 3mm) grill including 1/4" x 1/8" (20 mmx3 mm) M.S. flat frame, in windows of approved design, including painting three coats, complete in all respects.	0	P-Sft		0	3765	P-Sft	492.10	1852757	1852757	--Nil--
7	0	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge. (i) 3/8" Squar Bars	0	P-Sft		0	0	P-Sft	854.85	0	--Nil--	--Nil--
8	12/61	Providing & fixing 3/4" dia heavy duty sliding bolt of specified material i/c the cost of hardware complete in all respect as approved and directed by the Engineer Incharge iron sliding bolts 12" long to door.	0	Each		0	25	Each	470.00	11750	11750	--Nil--
ii	12/61	Providing & fixing 3/4" dia heavy duty sliding bolt of specified material i/c the cost of hardware complete in all respect as approved and directed by the Engineer Incharge iron sliding bolts 10" long to door.	0	Each		0	17	Each	410.00	6970	6970	--Nil--
		PAINTING AND VARNISHING									--Nil--	--Nil--
1	13/4	Painting old surfaces:- c) Painting doors and windows, any type: 3 Coats	640	%Sft	1713.9	10969	1072	%Sft	2714.8	29103	18134	--Nil--
2	13/4	Preparing surface and painting to door and window (including edges) any type to old surface, 2 coats i/c scraping Ordinary distemper, oil bound distemper, or paint of wall.	0	%Sft		0	4667	%Sft	2,429.45	113382	113382	--Nil--
											--Nil--	--Nil--
2	13/32	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: ii) two coats	37128	%Sft	2,868.05	1064850	36197	%Sft	5,245.30	1898641	833791	--Nil--
3	13/32	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: ii) 3 coats	226	%Sft	3,810.90	8613	0	%Sft	1925.45	0	--Nil--	8613
4	13/31	Preparing surface and painting with emulsion paint:- 2 coats i/c Scraping:- a) White wash or colour wash.	36069.00	%Sft	1412.4	509439	54176.00	%Sft	2228.6	1207366	697927	--Nil--
		ROAD									--Nil--	--Nil--
1	18/17	Providing and laying expansion joint of neoprene strip 4"x1/4" (100 mmx 6 mm) and plastic bitumen.	#REF!				0.00	P.Rft	389.10	0	--Nil--	--Nil--

h/14

Sr No	CHAP/ITEM	DESCRIPTION	QUANTIT Y	UNITS	RATE	AMOUNT	QUANTIT Y	UNITS	RATE	AMOUNT	EXCESS	SAVINGS
1	2	3	4	5	6	7	4	5	6	7		
2	0	Earth work in ordinary soil for embankment including ploughing and mixing with blade grade or disc harrow or other suitable equipment and compaction by mechanical means at optimum moisture content and dressing to designed section complete in all respect compacted up to 95% to 100% maximum modified AASHO dry density. lead 1 Mile	0.00	%0 Cft		0					--Nil--	--Nil--
3	0	Providing and laying Sub Base Course of crushed stone aggregate approved quality and grade, including placing, mixing, spreading and compaction of sub base material to required depth camber grade to achieve 100% maximum modified AASHO dry density, including carriage of all material to site of work Complete in all respect. (Analysis attached)	0.00	% Cft		0					--Nil--	--Nil--
4	0	Providing and laying road edging 3" wide & 9" deep brick on end complete in all respect. (Chapter # 18 & Item # 05)	0.00	Per Rft		0					--Nil--	--Nil--
5	0	Providing and laying water bound macadam Base Course of crushed stone aggregate of approved quality and grade, and supply and spreading of stone screening, i/c placing mixing, spreading and compaction of base course material to required depth, camber and grade to achieve 100% maximum modified AASHTO dry density, including carriage of all materials to site of work complete in all respects. (Analysis attached)	0.00	% Cft		0					--Nil--	--Nil--
6	0	Providing priming coat using 10Lbs kerosene oil and 10Lbs binder for %Sft area complete in all respect. (Chapter # 18 & Item # 06)	0.00	% Sft		0					--Nil--	--Nil--
7	0	Providing and laying plant premixed bituminous carpet including compaction and finishing to required camber grade and density 2" thick 4.5% bitumen complete in all respect. (Analysis attached)	0.00	% Sft		0					--Nil--	--Nil--
8	0	Painting traffic lane 5" thick T.P Paint complete in all respect.	0.00	P. Rft		0					--Nil--	--Nil--
9	0	Providing and fixing cat ayes of size 4"x4"x3/4" of approved quality and shape etc complete in all respect (Bio Directional)	0.00	Each		0					--Nil--	--Nil--
		PLUMBING, SANITARY INSTALLATION & GAS FITTINGS									--Nil--	--Nil--
1	19/3	Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with foot rest. i) white	59.00	Each	1479.45	87288	33.00	Each	2218.30	73204	--Nil--	14084
13	0	Providing and fitting European Coupled set of Water Closet (WC) and flushing Cistern of PORTA brand (full size) i/c the cost of CP/rubber connection, thimble, seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge.	30.00	Each	18000.00	540000	0.00	Each	19987.90	0	--Nil--	540000

Sr No	CHAP/ ITEM	DESCRIPTION	QUANTIT Y	UNITS	RATE	AMOUNT	QUANTIT Y	UNITS	RATE	AMOUNT	EXCESS	SAVINGS
1	2	3	4	5	6	7	4	5	6	7		
2	19/6	Providing and fitting glazed earthen ware wash hand basin 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, i- white with pedestal.	0.00	Each		0	30.00	Each	5169.95	155099	155099	-Nil-
7	19/	Providing and fixing at site of work under counter Vanities Porta bowl approved make i/c all cost of labour & material for making hole in marble etc. complete in all respects as approved by the Engineer Incharge.	24.00	Each	6700.00	160800	0.00	Each		0	-Nil-	160800
3	19/12	Providing and fitting plastic made low down flushing cistern 1363 litre (3 gallons) capacity, including bracket set, copper connection, etc. complete. i) white	59.00	Each	1496.45	88291	33.00	Each	2649.10	87420	-Nil-	871
4	19/23	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 holderv) Looking glass with plastic frame vi) Towel ring	39.00	Each	5500.00	214500	25.00	Each	6600.00	165000	-Nil-	49500
2	19/25	Providing and fixing chromium plated stop cock, heavy:- ii) 1.5 cm (1/2").	0.00	Each		0	33.00	Each	775.00	25575	25575	-Nil-
3	19/27	Providing and fixing Chromium plated Bib cock 1/2" dia.	0.00	Each		0	40.00	Each	775.00	31000	31000	-Nil-
5	19/31	Providing and fixing gun metal peet/gate valve (screwed):- i) 30 mm (1 1/4") dia	0	Each		0	23	Each	4762.50	109538	109538	-Nil-
5		iii) 50 mm (2") dia	0	Each		0	2	Each	8362.50	16725	16725	-Nil-
5		v) 80 mm (3") dia	0	Each		0	2	Each	22882.50	45765	45765	-Nil-
5	19/32	Providing and fitting, chromium plated or brass oxidised, swan neck cock 15 mm (1/2") dia. i) single way	0	Each		0	30	Each	511.00	15330	15330	-Nil-
5	19/34	Providing and fixing, floor trap of cast iron, including concrete chamber all round, and C.I. grating:- i) 10x5 cm (4"x2")	0.00	Each		0	33.00	Each	627.75	20716	20716	-Nil-
5	19/35	Providing and fitting "P" trap:- ii) 10 cm (4") glazed.	98.00	Each	151.65	14862	33.00	Each	703.10	23202	8340	-Nil-
5	19/36	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").	59.00	Each	745.40	43979	0.00	Each		0	-Nil-	43979
6	19/51	Providing and hoisting vertical/horizontal type storage tank of required capacity made of rotationally molded from (HDPE), double ply polyethylene of approved manufacturer i/c cost of making connection for inlet/outlet pipe, float valve i/c cost of specials & labour complete in all respect as approved and directed by the Engineer Incharge.	0.00	Each		0	300.00	P.Gln	106.60	31980	31980	-Nil-

Sr No	CHAP/ITEM	DESCRIPTION	QUANTIT Y	UNITS	RATE	AMOUNT	QUANTIT Y	UNITS	RATE	AMOUNT	EXCESS	SAVINGS
1	2	3	4	5	6	7	4	5	6	7		
6	19/52	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 (set) (ii) Lever Type Basin Mixer (iii) Double Bib Cock (iv) Open Type Wall Shower (v) Muslim shower (vi) Waste Coupling (vii) Bottle Trap	24.00	Each	20200.00	484800	0.00	Each	33004.00	0	--Nil--	484800
3	19/4 Rep	Providing and fixing, flushing bend of PVC. i) 3 cm (1 1/4")	0.00	Each		0	33.00	Each	204.65	6753	6753	--Nil--
8	19/55	Providing/fixing Electric water heater (Geyser) comprising of tank of 14 SWG, GI sheet and external cover of 22 SWG MS sheet, insulated with 4" thick high density glass wool, imported thermostat i/c electric rod, safety valve (Ambassador / Canon) i/c cost of accessories & making connection complete in all respect as approved and directed by Engineer Incharge. (i) 15 Gal capacity	0.00	Each		0	0.00	Each	19819.90	0	--Nil--	--Nil--
		SEWERAGE									--Nil--	--Nil--
2	21/3	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) 6" dia RCC pipe	192	P-Rft	214.20	41126	0	P-Rft		0	--Nil--	41126
1	0	i) 225 mm (9") i/d	900	P-Rft	390.10	351090	64	P-Rft	528.30	33811	--Nil--	317279
2	21/3	Providing and laying R.C.C. pipe sewers, moulded with cement concrete 1:1 1/2:3 conforming to ASTM Specification C-76-79, Class II. Wall B, including carriage of pipe from factory to site of work, lowering in trenches to correct alignment and grade, jointing with rubber ring cutting pipes where necessary, testing, etc., complete. i) 310 mm (12") i/d	3500	P-Rft	459.55	1608425	704	P-Rft	695.60	489702	--Nil--	1118723
3	0	P/ laying of PVC sewer pipe of BSS class "D" working pressure i/c lowering, jointing, Testing complete.	0	P-Rft		0					--Nil--	--Nil--
4	21/9	Extra for making and finishing benching floor work in manhole chamber, with 1/8" (3 mm) thick cement finish	315	%Sft	1861.20	5863	400	%Sft	2934.10	11736	5873	--Nil--
5	21/16	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.	42	Each	3714.00	155988	26	Each	6867.20	178547	22559	--Nil--
5	21/	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.	5	Each	5985.45	29927	0	Each		0	--Nil--	29927

Sr No	CHAP/ITEM	DESCRIPTION	QUANTIT Y	UNITS	RATE	AMOUNT	QUANTIT Y	UNITS	RATE	AMOUNT	EXCESS	SAVINGS
1	2	3	4	5	6	7	4	5	6	7		
5	21/	Providing and fixing 1 1/4"x1 1/4"x3/16" (31x31x5 mm) angle iron step, in manhole chambers, including carriage and setting the same in work to correct lines and levels.	41	Each	346.35	14200	0	Each		0	--Nil--	14200
		SINKING OF WELLS									--Nil--	--Nil--
1	(i)	Excavation of well in dry upto 20'(6 metre) below ground level, and disposal of soil within one chain (30 metre) a) in ordinary soil or sand :- i) 0' to 5' depth	565	%oCft	5280.40	2983	883	%oCft	7547.95	6665	3682	--Nil--
2	(ii)	5' to 10' depth.	565	%oCft	5514.95	3116	883	%oCft	7883.15	6961	3845	--Nil--
3	(i)	10.01' to 15' depth	565	%oCft	6204.30	3505	353	%oCft	8868.55	3131	--Nil--	374
		TUBEWELL & WATER SUPPLY									--Nil--	--Nil--
4	23/1	Boring for tubewell in all types of soil except shingle and rock, from ground level to 100 ft. (30 m) depth, including sinking and withdrawing of casing pipe, complete:- i) 4" i/d (100 mm)	0	P-Rft		0	800	P-Rft	316.65	253320	253320	--Nil--
4	23/15	Providing and installing M.S. blind pipe socketed/welded joint, M.S. reducer (where necessary), in tubewell bore hole, including jointing/welding with strainer, etc. complete:-	0	P-Rft	291.30	0	200	P-Rft	483.60	96720	96720	--Nil--
4	23/16	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. i) 4" i/d (100 mm) d) 5" i/d, 3/16" (125 mm i/d 5 mm) thick	0	P-Rft		0	40	P-Rft	1879.80	75192	75192	--Nil--
		c) 4" i/d, 1/8" (100 mm i/d 3 mm) thick	1125	P-Rft	291.30	327713	30	P-Rft	1005.00	30150	--Nil--	297563
4	23/17	Providing and installing P.V.C. blind pipe, B.S.S. Class 'D', in tubewell bore hole, including sockets and solvents and jointing with strainer, etc. complete. a) 1 1/4" i/d (30 mm)	0	P-Rft		0	400	P-Rft	128.90	51560	51560	--Nil--
4		b) 1 1/2" i/d (40 mm)	0	P-Rft		0	400	P-Rft	158.25	63300	63300	--Nil--
4		c) 2" i/d (50 mm)	0	P-Rft		0	400	P-Rft	230.00	92000	92000	--Nil--
4	23/23	Providing, laying, cutting, jointing, testing and disinfecting G.I. pipeline in trenches, with socket joints, using G.I. bends, valves, crosses, unions and pipes of B.S.S. 1387-1967 complete in all respects, with specials and valves. ii) Medium Quality i) 4" i/d (100 mm) 4.5mm thick	0	P-Rft		0	130	P-Rft	1564.95	203444	203444	--Nil--
4		h) 3" i/d (75 mm) 4.05mm thick	0	P-Rft		0	235	P-Rft	1084.10	254764	254764	--Nil--
4		f) 2" i/d (50 mm) 3.65mm thick	0	P-Rft		0	100	P-Rft	660.00	66000	66000	--Nil--
4		e) 1 1/2" i/d (40 mm) 3.25mm thick	0	P-Rft		0	150	P-Rft	469.70	70455	70455	--Nil--
4		c) 1" i/d (25 mm) 3.25mm thick	0	P-Rft		0	150	P-Rft	324.20	48630	48630	--Nil--
4		b) 3/4" i/d (20 mm) 2.65mm thick	0	P-Rft		0	200	P-Rft	216.00	43200	43200	--Nil--
4	23/27	Providing, laying, cutting, jointing, testing and disinfecting PS 3051 Providing and installing specials PVC/ uPVC pipe line with 'B' Class working pressure BS 3505 and valves is not included in the pipe, in trenches, complete in all respects:- i) 4" i/d (100 mm)	0	P-Rft		0	1320	P-Rft	440.65	581658	581658	--Nil--
5	23/27	ii) 2" i/d (50 mm)	0.00	P-Rft		0	350.00	P-Rft	203.50	71225	71225	--Nil--
5	23/38	Providing and installing P.V.C. bends, of B.S.S. i) Class 'B' working pressure:- b) 4" i/d (100 mm)	0	Each		0	105	Each	543.55	57073	57073	--Nil--

Sr No	CHAP/ITEM	DESCRIPTION	QUANTIT Y	UNITS	RATE	AMOUNT	QUANTIT Y	UNITS	RATE	AMOUNT	EXCESS	SAVINGS
1	2	3	4	5	6	7	4	5	6	7		
5	23/39	Providing and installing P.V.C. tees, of B.S.S. i) Class 'B' working pressure:- b) 4" i/d (100 mm)	0	Each		0	105	Each	1586.00	166530	166530	--Nil--
5	23/45	ii) Ejector Pump of specified Suction and Delivery heads, coupled with Single Phase Seimen Electric Motor of required rating for water supply i/c the cost of connection charges, necessary wire, PVC pipe set complete in all respect as approved and directed by the Engineer Incharge. ii) G-IV (2-1/2"x2") with 2.5 HP Electric Motor, 38-Mtr Suction and 38 M delivery head	0	Each		0	10	Each	17905.90	179059	179059	--Nil--
6	23/47	Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe (Dadex/Popular/Beta or equivalent) with specified pressure rating PN (PRESSURE NOMINAL) and conforming to DIN 8077-8078 code i/c cost of solvent, specials, making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned). a) PN-16 pipe (iii) (1") 32 mm	900	P-Rft	91.00	81900	3900	P-Rft	93.65	365235	283335	--Nil--
6	23/47	(ii) (3/4") 25 mm	1000	P-Rft	64.00	64000	3900	P-Rft	57.95	226005	162005	--Nil--
		ELECTRIC INSTALLATION									--Nil--	--Nil--
1	24/3	Supply and erection of PVC pipe for wiring recessed in walls, including inspection boxes, pull boxes, hooks, cutting jharries, and repairing surface, etc., complete with all specials. ii) 25 mm i/d	0.00	P-Rft		0	1500.00	P-Rft	94.60	141900	141900	--Nil--
		i) 20 mm i/d	0.00	P-Rft		0	900.00	P-Rft	81.70	73530	73530	--Nil--
		ii) 50 mm i/d 2" dia	750.00	P-Rft	113.30	84975	10.00	P-Rft	183.45	1835	--Nil--	83140
2	24/10	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 an capping/G.I. wire/trenches (rate for cables only):- a) 250/440 volts, PVC insulated:- i) 3/0.74 mm (3/0.029")	0	P-Rft		0	5000	P-Rft	25.70	128500	128500	--Nil--
		ii) 7/0.74 mm (7/0.029")	0	P-Rft		0	1650	P-Rft	40.75	67238	67238	--Nil--
		7/0.036	2000	P-Rft	16.80	33600	0	P-Rft	53.80	0	--Nil--	33600
		7/0.044	0	P-Rft		0	2400	P-Rft	75.10	180240	180240	--Nil--
		7/0.064	0	P-Rft		0	0	P-Rft	175.50	0	--Nil--	--Nil--
3	24/12	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")	0	P-Rft	272.40	0	1050	P-Rft	306.30	321615	321615	--Nil--
		7/0.91 mm (7/0.036")	0	P-Rft	16.80	0	0	P-Rft		0	--Nil--	--Nil--
		ii) 7/1.12 mm (7/0.044")	2000	P-Rft	33.70	67400	0	P-Rft		0	--Nil--	67400
		PVC insulated, PVC sheathed 4 core, 600/1000 volt non armoured cable:- vi) 35 mm sq (19/0.064)	500	P-Rft	272.40	136200	300	P-Rft	1412.85	423855	287655	--Nil--
4	24/14	Supply and erection of M.S. sheet box of 16 SWG, 10 cm (4") deep, with 4.75 mm thick (3/16") bakelite sheet top, for recessed wiring, including making holes for regulators, switches, plugs, etc. i) 10 x 10 cm (4"x4")	0	Each		0	60	Each	270.50	16230	16230	--Nil--
		ii) 17.5 x 10 cm (7"x4")	0	Each		0	22	Each	372.25	8190	8190	--Nil--
		iv) 20 x 25 cm (8"x10")	0	Each		0	30	Each	685.05	20552	20552	--Nil--

Sr No	CHAP/ITEM	DESCRIPTION	QUANTIT Y	UNITS	RATE	AMOUNT	QUANTIT Y	UNITS	RATE	AMOUNT	EXCESS	SAVINGS
1	2	3	4	5	6	7	4	5	6	7		
5	24/18	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: 60/65 Amp.	1	Each	3140.80	3141	1	Each	5296.50	5297	2156	--Nil--
5	24/20	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: 6 way, 30 Amp per way	1	Each	1086.45	1086	0	Each		0	--Nil--	1086
6	24/21	Supply and erection of bus bars, for 500 volts 3 phase A.C. supply with four copper bars, including glazed porcelain bridges, on angle iron board, fixed with rag bolts and M.S. sheet box 1.5 mm thick, etc. complete:-	1	Each	4231.40	4231	0	Each		0	--Nil--	4231
7	24/26	Supply and erection of wall type/pole type bracket, with double cover water tight reflector, flexible wire and brass bolder.	0	Each		0	25	Each	989.70	24743	24743	--Nil--
8	24/31	Supply & Erection of switch piano type 5 Amp.	0	Each		0	250	Each	72.00	18000	18000	--Nil--
10	24/34	Supply and erection of 3 pin. 5 Amp wall socket.	0	Each		0	40	Each	90.20	3608	3608	--Nil--
10	24/39	Supply and erection of button holder. i) bakelite large size	0	Each		0	50	Each	53.75	2688	2688	--Nil--
10	24/44	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:- i) 60x35x15 cm (24"x14"x6")	0	Each		0	10	Each	6775.00	67750	67750	--Nil--
10	24/44	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")	10	Each	3837.20	38372	0	Each		0	--Nil--	38372
10	24/53	Supply and erection of stay for house service pipe, erected with straining screws and 7/14" stay wire, complete	0	Each		0	15	P.Rft	62.10	932	932	--Nil--
10	24/54	Supply and erection of house service pipe Henley (G.I. pipe water quality) or pole type, 50 mm (2") dia, erected to instal insulated overhead line, include shackle insulator for holding insulated wire and straining devices for bearer wire and other accessories etc., complete.	0	Each		0	10	P.Rft	650.05	6501	6501	--Nil--
10	24/60	Supply and erection of G.I. wire of all sizes, including binding wire No. 16 SWG for support of rubber wire or earthing wire, pole to pole etc	0	Each		0	1	P.Kg	112.85	113	113	--Nil--
10	24/70	Earthing 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 reducing socket 4 to 5 meter below ground level and 2 meter away from building plinth.	10	Each	6194.20	61942	2	Each	9592.45	19185	--Nil--	42757

Sr No	CHAP/ITEM	DESCRIPTION	QUANTIT Y	UNITS	RATE	AMOUNT	QUANTIT Y	UNITS	RATE	AMOUNT	EXCESS	SAVINGS
1	2	3	4	5	6	7	4	5	6	7		
10	24/86	Supplying ,Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge. (iv) 125-250 Amp(18 KA)	0	Each	4231.40	0	10	Each	23493.00	234930	234930	-Nil--
10	24/102	Providing and fixing Copper winded Exhaust fan with louver and shutter made of Pak/Younas G.F.C. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge.(a) Plastic body (ii) 12" dia	0	Each	0	0	30	Each	3133.00	93990	93990	-Nil--
11	24/49	Supply and erection of 3/8" (10 mm) dia M.S. bar fan hook, placed at the time of casting of slab.	0	Each	0	0	0	Each	67.80	0	-Nil--	-Nil--
12	24/103	(a) One way Gange Switch/PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screwscomplete as approved and directed by the Engineer Incharge (a) One way Gange Switch Small (viii) Three Pin Power Plug 15-32 Amp	0	Each	0	0	25	Each	754.10	18853	18853	-Nil--
13	ii	Large (iii) 04 Gange.	0	Each	0	0	0	Each	0	0	-Nil--	-Nil--
14	iii	(a) One way Gange Switch Small (viii) Three Pin Power Plug 15-32 Amp	0	Each	0	0	0	Each	0	0	-Nil--	-Nil--
15	24/83	Supplying ,Installation and commissioning of MCCB (Moulded Case CircuitBreaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A /SCHNEIDER GERMANY / TERASAKI JAPAN/SIEMEN/ABBSWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaid DBs andPanels i/c the cost of screws, necessary wire complete in all respect asapproved and directed by the Engineer Incharge.a) Tripple Pole (x) 200-250 Amp(36 KA)	0	Each	0	0	0	Each	39814.30	0	-Nil--	-Nil--
		IRON WORK									-Nil--	-Nil--

Sr No	CHAP/ITEM	DESCRIPTION	QUANTIT Y	UNITS	RATE	AMOUNT	QUANTIT Y	UNITS	RATE	AMOUNT	EXCESS	SAVINGS
1	2	3	4	5	6	7	4	5	6	7		
1	25/44	Providing and fixing all types of partly fixed and partly openable glazed anodised bronze colour aluminium doors, using delux section of M/s Al-Cop or Pakistan Cables, having chowkat frame of size 40 x 100 mm (1½" x 4") and leaf frame of 60x40mm (2½"x1½") wide sections including the cost of ¼" (5 mm) thick imported tinted glass with aluminium triangular gola and rubber gasket to support the glass and leaf edging, using approved standard fittings, locks, 3" (75 mm) wide long handles etc., and hardware any required as approved by the engineer in-charge.	4022	P-Sft	568.55	2286708	1277	P-Sft	1437.60	1835815	—Nil—	450893
2	25/45	Providing and fitting all types of glazed aluminium windows of anodised bronze colour partly fixed and partly sliding using delux sections of approved manufacturer having frame size of 100 x 20 mm (4"x¾") and leaf frame sections of 50 x 20 mm (2"x¾"), all of 1.6mm thickness including 5 mm thick imported tinted glass with rubber gasket using approved standard latches, hardware etc., as approved by the Engineer in-charge i/c Providing and fixing Aluminum Fly screen comprising of Fiber /Aluminum wire gauze (Malasian) fixed in aluminum frame of approved manufacturer brownze Colour / powder coated of size 1-1/2"x1/2" and 1.6mm thick with rubber gasket i/c	3257	P-Sft	775.20	2524826	2691	P-Sft	1348.40	3628544	1103718	—Nil—
3	25/45	Providing and fixing Aluminum Fly screen comprising of Fiber/Aluminum wire gauze (Malasian) fixed in aluminum frame of approved manufacturer brownze Colour / powder coated of size 1-1/2"x1/2" and 1.6mm thick with rubber gasket i/c cost of Hardwares as approved and directed by the engineer incharge. complete in all respect.	0	P-Sft		0	2691	P-Sft	493.05	1326798	1326798	—Nil—
5	25/64	Making and fixing steel grated door with 1/16" thick (1.5mm) sheeting, including angle iron frame 2"x2"x3/8" (50x50x10 mm) and ¼" (20 mm) square bars 4" (100 mm) centre to centre, with locking arrangement	240	P-Sft	1245.35	298884	159	P-Sft	2,361.45	375471	76587	—Nil—
4	25/59	Providing and fixing G.I. wire gauze 24 SWG, 12x12 meshes per square inch, fixed to steel windows or doors, etc., complete in all respects.	0	P-Sft		0	1121	P-Sft	144.25	161704	161704	—Nil—
5	25/64	Providing and fixing 2'-9" high stair railing comprising of non magnetic (304) Stain less steel 2" dia pipe railing of 18 SWG welded with vertical posts of 2" dia stainless steel round/ Squar pipe/ Tong (chimta) @ 2-ft c/c fixed on alternate steps with 3" long steel screws and brass rawal plugs, 3-Nos diagonal stainless steel pipes of 1/2" dia passes through gotties fixed on vertical post, i/c stainless steel welding, fixing & polishing complete in all respects as approved and directed by the Engineer Incharge.	0	P-Sft		0	159	P-Sft	2,361.45	375471	375471	—Nil—

Sr No	CHAP/ITEM	DESCRIPTION	QUANTIT Y	UNITS	RATE	AMOUNT	QUANTIT Y	UNITS	RATE	AMOUNT	EXCESS	SAVINGS
1	2	3	4	5	6	7	4	5	6	7		
		Miscellaneous									--Nil--	--Nil--
1	26/37	Supplying and laying polythene sheet over D.P.C. under floors and on roofs, etc.ii) 500 gauge (.005" thick)	0	P-Sft		0	0	P-Sft	7.85	0	--Nil--	--Nil--
2	0	Providing and fixing automatic hydraulic operated door closer imported heavy duty complete in all respect as approved and directed by the Engineer Incharge.	0	Each		0	0	Each	2932.00	0	--Nil--	--Nil--
3	0	Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive/bondover 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	0	P-Sft		0	0	P-Sft	340.5	0	--Nil--	--Nil--
4	0	Providing and laying superb quality Porcelain glazed tiles of Master brand,skirting/dado of specified size,Color and Shade with adhesive/bondover 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 Full body Glazed Tile (ii) 600mm x600 mm	0	P-Sft		0	0	P-Sft	340.50	0	--Nil--	--Nil--
5	0	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"	0	P-Sft		0	0	P-Sft	239.90	0	--Nil--	--Nil--
6	0	Providing and laying superb quality Ceramic tiles dado of Maste brand of specified size,Glossy/Matt/Texture skirting/dado of approve Color and Shade with adhesive bond over 1/2"thick (1:2) cemen plaster i/c the cost of sealer for finishing the joints i/c cutting grindin complete in all respects as approved and directed by the Enginee Incharge. i) 12"x18"/12"x24"/10"x24" /8"x24"/12"x36"	0	P-Sft		0	0	P-Sft	292.65	0	--Nil--	--Nil--
7	0	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 asapproved and directed by the Engineer Incharge.(i) 3/4" thick	0	P-Sft		0	0	P-Sft	1,308.95	0	--Nil--	--Nil--

Sr No	CHAP/ITEM	DESCRIPTION	QUANTIT Y	UNITS	RATE	AMOUNT	QUANTIT Y	UNITS	RATE	AMOUNT	EXCESS	SAVINGS
1	2	3	4	5	6	7	4	5	6	7		
8	0	Providing and fixing 3/4" thick Marble slab Black or dark colour prepolished skirting above 2 sft laid over 3/4" thick cement sand mortar (1:2) i/c filling joints in white cement & matching pigment i/c beveling charges on exposed edges complete in all respect as approved / directed by the Engineer Incharge.	2391	P-Sft	620.00	1482420	0	P-Sft		0	--Nil--	1482420
8	0	Providing and fixing Security Razorcut wire on boundary wall 24" dia spril type complete in all respect as approved / directed by the Engineer Incharge.	3257	P-Sft	405.00	1319085	0	P-Sft		0	--Nil--	1319085
9	24/68	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 x 4mm thick dia. arm for luminaire installation, duly G.I.welded with 470x470x20 mm base plate with the help of 4 no triangular stiffeners 100x350x20 mm of G1 sheet, with built in junction box with shutter, i/c the cost of nuts & J-rag bolts, duly fixed in prelaid concrete foundation, foundation will be paid additionally as approved and directed by the Engineer In charge. a)Single Arm(ii) 10 mtr height	0	P.sft		0	0	P.sft	106240.30	0	--Nil--	--Nil--
10	24/68	Supplying, installation and commissioning of LED Cobra-head Luminaries of specified wattage and lumens conforming to IP 66 & IK 08 or above Philips/Osram/Thorn or equivalent with corrosion resistant die casted Aluminum housing, silicon gasket in special groove, UV stable & scratch resistant synthetic materials, thermally hardened glass complete with LED Chip (Philips Lumiled/Cree/Nichia/Osram make or equivalent), programmable LED driver (Harvard/TCI/Lumotech/Philips/VOSSLOH Schwabe/Lightech make or equivalent), minimum 10kV surge protection rating i/c the cost of all accessories/components required for proper operation, fully flexible for future upgradation and easy replacements for maintenance purposes, bucket elevatorcharges as approved and directed by the Engineer Incharge. c)120 Lm/Watt (ii) 40 Watt with 4800 Lumens	0	P.sft		0	0	P.sft	49384.50	0	--Nil--	--Nil--

Sr No	CHAI/ ITEM	DESCRIPTION	QUANTIT Y	UNITS	RATE	AMOUNT	QUANTIT Y	UNITS	RATE	AMOUNT	EXCESS	SAVINGS
1	2	3	4	5	6	7	4	5	6	7		
11	24/83	I/F wall mounted DB (Distribution Board) made with 16SWG Sheet (Recessed/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights, Thimble, Copper Comb, Wiring, Netural & Earth Bar, Door Earthing, Digital Voltmeter, Digital Ammeter, Volt Selector Switch, Ammeter selector switch, Current Transformers and Controles Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately). 6" DEEP (i) 20-60A	0	P.sft		0	0	P.sft	18634.45	0	--Nil--	--Nil--
12	0	Providing, fixing, testing and commissioning of u-PVC (Unplasticized Polyvinyl Chloride) Nikasi/ waste pipe make of Dadex/Populat/Beta or equivalent, plain/socket ended conforming to code EN-1329 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge. a) Type (SDR 41/SN-4) (v) 4" (110 mm)	0	P-Rft		0	0	P-Rft	217.25	0	--Nil--	--Nil--
14		"B" NON- STANDARDIZED ITEMS									--Nil--	--Nil--
1		Providing and fixing 140 mm wide PVC hand rail panel of specified color hoist over 1.6 mm thick hard aluminum channel fixed on wall bracket and screws c/c the cost of albows at ends, buffer belt as approved and directed by the Engineer Incharge	0	P-Sft		0	0	P-Rft	3070.00	0	--Nil--	--Nil--
2		Providing and laying 24 SWG aluminum kick plate 4" (100mm) high, fixed with screws 4" (100 mm) centre to centre, on bottom rail of flush doors only of commercial ply.	0	P.Rft		0	0	P.Rft	70.00	0	--Nil--	--Nil--
3		Providing and fixing all types of partly fixed and partly openable glazed anodised/ powder coated aluminium doors, using delux section of M/s Al-Cop or Pakistan Cables, having chowkat frame of size 40 x 100 mm (1 1/2" x 4") and leaf frame of 60x40mm (2 1/2" x 1 1/2") wide sections including the cost of 3/4" (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.	0	P.Rft		0	0	P.Rft	0.00	0	--Nil--	--Nil--
4		Providing and fixing Openable door comprising of 3mm thick UPVC hollow profile, chowkat frame of 60mm x 64mm and leaf frame 60 mm x 106 mm both duly reinforced with G.I box frame inside the void with 20 mm wide panel with grooves on both sides i/c the cost of hardwares, hinges, four bolt and cutting changes on approved & directed by the Engineer Incharge	954	P-Sft	950.00	906300	416	P-Sft	1200.00	499200	--Nil--	407100

Sr No	CHAP/ ITEM	DESCRIPTION	QUANTIT Y	UNITS	RATE	AMOUNT	QUANTIT Y	UNITS	RATE	AMOUNT	EXCESS	SAVINGS
1	2	3	4	5	6	7	4	5	6	7		
5		Supply and installation anti microbial Hygienic flooring (with anti bacterial agent) conforming to (ISO:22196) of specified thickness duly welded with thermoplastic equipment placed over self levelling adhesive as approved and directed by the Engineer Incharge. (a) Cementitious Urethane (b) Epoxy (c) Polyurethane (d) Urethane	0	P-Sft		0	0	P-Sft	1134.00	0	--Nil--	--Nil--
6		Supply and installation premium graded/scratch-resistant Hygienic anti-microbial Pvc wall cladding of specified thickness duly thermoplastic welded conforming to (ISO:22196) and pasted over 12mm thick gypsum board with adhesive/solvent fixed over 14-SWG G.I Channael of size 3.5"X 2"X3.5" duly screwed on wall i/c the cost of hardwares as approved and directed by the Engineer In-charge	0	P-Sft		0	0	P-Sft	1890.00	0	--Nil--	--Nil--
7		Providing and fixing 2"X2" Stainless Steel 14 SWG Corner Guard angle with bevelled corner and 0.8 mm bend at edges duly pasted with premium grade self-adhesive glue strips with excellent hold/(double sided Tape) as approved and directed by the Engineer Incharge.	0	P.Rft		0	0	P.Rft	580.00	0	--Nil--	--Nil--
8		Supply & Installation of Phillips, LED Light 24"x24" (RC 099v LED 36S / 865 W 60L60 GM) in Faste Ceilign of approved manufacturer i/c cost of all labour & material complete, as approved by the Engineer Incharge.	60.00	No	13830	829800	0	Each		0	--Nil--	829800
9		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	2700.00	P.Rft	305	823500	900	P.Rft	400.00	360000	--Nil--	463500
10		Providing and Fixing beeding wooden gola fency type etc complete in all respects and as Approved by the Engineer Incharge	750.00	P.Rft	150	112500	0	P.Rft		0	--Nil--	112500
11		Providing and fixing of Best Quality Fancy door handle lock etc complete as approved by the Engineer Incharge.	141.00	No	2500	352500	0	Each		0	--Nil--	352500
12		Supply and erection of LED blub 18Watt etc complete as approved by the Engineer Incharge.	0	Each		0	150	Each	670.00	100500	100500	--Nil--
13		Supply and erection of SMD light 18Watt etc complete as approved by the Engineer Incharge.	0	Each		0	150	Each	2400.00	360000	360000	--Nil--
14		Supply and erection of LED Flood Light 50Watt etc complete as approved by the Engineer Incharge.	0	Each		0	50	Each	5850.00	292500	292500	--Nil--
15		S/E LED HWI 50 Watt LED Highway Light Inspir Pak Light etc complete in all respect as approved by the Engineer Incharge.	10	Each	14256.00	142560	0	Each		0	--Nil--	142560

Sr No	CHAP/ITEM	DESCRIPTION	QUANTIT Y	UNITS	RATE	AMOUNT	QUANTIT Y	UNITS	RATE	AMOUNT	EXCESS	SAVINGS
1	2	3	4	5	6	7	4	5	6	7		
16		Providing and fixing of Anti microbial/PVC wall penelling etc. complete in all respect, and as approved by the Engineer Incharge.	4174	P.Sft	137.00	571838	1869	P-Sft	193.00	360717	--Nil--	211121
17		P/L Non porous false ceiling comprising of 5/8" thick plaster of paris sheet of required size in approved design with one line of 6" wide niche all around, hanging with Copper wire (16SWG) duly enriched with POP and flaxen i/c the cost of making space for rope light/screws/jute/making holes for lights and rawal plugs complete in all respects as approved and directed by the Incharge. (Measurement will be made as per carpet Area).	12305	P-Sft	150.00	1845750	754	P-Sft	133.45	100621	--Nil--	1745129
18		P/F of LEAD Lining 2mm thick lead sheet with wall for radiation protection upto roof height as per instruction & covering with MDF Board 3/4" thick panelling i/c frame of Kail Wood 1-1/2"x2" i/c termite proofing & fancy Deodar Wood Beading complete in all respect as approved and directed by the Engineer Incharge also approved the Radiation Protecting agency etc.	0.00	P.Sft		0	711.00	P.Sft	900.00	639900	639900	--Nil--
19		P/L, Anti microbial flooring/Anti-static epoxy self leveling floor/ Dado PVC MFRP Conductive Eposy flooring (imported) to avoid friction with all chemical polishing etc. complete in all respect and as approved by the Engineer Incharge.	0.00	P.Sft		0	754.00	P.Sft	800.40	603502	603502	--Nil--
20		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	0.00	P.Rft		0	0.00	P.Sft	400.00	0	--Nil--	--Nil--
21		P/INSTALLATION OF R.O (REVERSE OSMOSIS) WATER PURIFICATION PLANT COMPLETE IN ALL RESPECT OF APPROVED QUALITY THE SPECIFICATION OF PURIFICATIONO PLANT CAPACITY 1000 L.P.H AS APPROVED BY THE ENGINEER INCHARGE.	0.00	No		0					--Nil--	--Nil--
22		Providing and fixing Bracket fan with louver and shutter made of Pak/Younas/G.F.C. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge.	0.00	No		0	30	Each	7200.00	216000	216000	--Nil--
23		Construction of OHR 10000 Gallon Capacity	0	P.Rft		0	0	P.Gln	364.00	0	--Nil--	--Nil--

Sr No	CHAP/ITEM	DESCRIPTION	QUANTIT Y	UNITS	RATE	AMOUNT	QUANTIT Y	UNITS	RATE	AMOUNT	EXCESS	SAVINGS
1	2	3	4	5	6	7	4	5	6	7		
24		P/Installation of vertical turbine pump 1/2 Cusec discharge against total head of 160 Ft latest manufacture lowel assembling steel carbon, shaft column pipes upto 81' coupled with 20 BHP Electric motor (Seimens/Alta/or equalvent) 1450 RPM 380/440 volts 50 cycles i/c cost of delta structure complete in all respect as required at site of work & as approved by the Engineer Incharge	0	P.Rft		0	0	P.Job	5178200.00	0	--Nil--	--Nil--
15		Cost of sulladge Pump Non-Colloging Horizomatal centrifugal pump 5"x4"(1450RPM & Head 40Ft) (KSB/PECO) duly coupled with AC Electric motor (20 BHP Siemen) i/c all acessories as approved by the Engineer Incharge	0	Each	14256.00	0	1	Each	1648500.00	1648500	1648500	--Nil--
32		Providing and Installing Street Light Pole 10' Height.	10.00	P.Job	23100	231000						231000
			0.00			Rs.45998172/-			Total:	Rs.46030329/-	Rs. 24669868/-	Rs. 24637712/-
		RECOVERY OF OLD ITEMS										
1		Old wooden Door										
1		Old wooden Door	5081.00	P.Sft	250.00	Rs.1270250/-	802.00	P.Sft	150.00	120300	--Nil--	1149950
2		Old Wooden windows										
4		Old Wooden windows	3257.00	P.Sft	150.00	Rs.488550/-	2691.00	P.Sft	150.00	403650	--Nil--	84900
5		RECOVERY OF OLD BRICK (USABALE)										
6		RECOVERY OF OLD BRICK (USABALE)	9648.00	%oNos	4500.00	Rs.43416/-	983.00	%oNos	4500.00	4424	--Nil--	38992
7		RECOVERY OF OLD BRICK TILE (Brick Ballast)										
8		RECOVERY OF OLD BRICK TILE (Brick Ballast)	306.00	%Cft	1050.00	Rs.3213/-	31.00	%Cft	1050.00	326	--Nil--	2887
9		Recovery of Old Steel										
10		Recovery of Old Steel	0.00	%Cft		Rs.0/-	0.00	P.Kg		0	--Nil--	--Nil--
					Total:	Rs.1805429/-			Total:	Rs. 528700/-	Rs. 0/-	Rs. 1276729/-
					Net .Total:	Rs.44192743/-			Net .Total:	Rs. 45591629/-	Rs. 24669868/-	Rs. 23360983/-
		Add 10% External Development			=				=	Rs. 202454.2	202454.2	--Nil--
					Net .Total:	Rs.44192743/-			Net .Total:	Rs. 45794083/-	Rs. 24872323/-	Rs. 23360983/-
		Add: WAPDA Connection Charges for 50 KV & 25 KV Transformer.			=				=	Rs. 2000000/-	2000000	--Nil--
		Add 5% PRA.			=	Rs.2201511/-			=	Rs. 2201511/-	83693.14268	--Nil--
		Add 3% Contingency								Rs. 660453.3	--Nil--	--Nil--
					Total:	Rs.46394254/-			Total:	Rs. 49989287/-	Rs. 26956016/-	Rs. 23360983/-
					OR	Rs : 46.394(M)			OR	Rs. 49.989 (M)	Rs: 26.956 (M)	Rs: 23.361 (M)

49.983(M)

Sub Engineer

Sub Divisional Officer
Buildings Sub Division
Layyah


**ROUGH COST ESTIMATE FOR THE WORK "REVAMPING OF HEALTH
FACILITY OF TEHSIL HEAD QUARTER HOSPITAL CHOWK AZAM
DISTRICT LAYYAH.**


MRS, 2nd BI-ANNUAL-2022 (01.07.2022 to 31.12.2022) DISTRICT LAYYAH

(GENERAL ABSTRACT)

Sr. No.	Description	Amount
1	Improvement & Renovation of Building	Rs. 25283662.00 27678700
2	Electric Installation.	Rs. 2324057.00 5915481
3	Sanitary Fitting.	Rs. 3222000.00 1587000
		Rs. 30829719.00 35181181
		Rs. 924892.00 1055435
		Rs. 31754611.00 Add: 3% Contingency
		G.Total 36236616


Sub Engineer,


Sub Divisional Officer
Buildings Sub Division
Layyah


Executive Engineer
Buildings Division
Layyah

ROUGH COST ESTIMATE FOR THE WORK "REVAMPING OF HEALTH FACILITY OF TEHSIL HEAD QUARTER HOSPITAL CHOWK AZAM DISTRICT LAYYAH.

MRS 2nd BI-ANNUAL-2022 (1ST July TO 31st December 2022) DISTRICT LAYYAH.

1 Dismantling cement concrete 1:2:4 plain.

Main Building (OPD Block)

Disp.	1 x1	x12	x13-5/8	x 1/8	=	20.44 Cft.
Waiting	1 x1	x15-1/4	x13-5/8	x 1/8	=	25.97 Cft.
Disp.	1 x1	x14	x13-5/8	x 1/8	=	23.84 Cft.
Waiting	1 x1	x16	x13-5/8	x 1/8	=	27.25 Cft.
Emergency Ward	1 x1	x16	x13-5/8	x 1/8	=	27.25 Cft.
Waiting Female	1 x1	x18	x13-5/8	x 1/8	=	30.66 Cft.
LHV	1 x1	x11	x13-5/8	x 1/8	=	18.73 Cft.
Demonstration office	1 x1	x11	x13-5/8	x 1/8	=	18.73 Cft.
World food programe	1 x1	x10	x14	x 1/8	=	17.50 Cft.
Treatement	1 x1	x10	x14	x 1/8	=	17.50 Cft.
Ver.Front side	1 x1	x193-7/8	x7	x 1/8	=	169.64 Cft.
Proch	1 x1	x19	x14	x 1/8	=	33.25 Cft.
Ramp	1 x2	x14	x3	x 1/8	=	10.50 Cft.
Waiting	1 x1	x15-1/4	x14	x 1/8	=	26.69 Cft.
Disp.	1 x1	x12	x14	x 1/8	=	21.00 Cft.
Tibb	1 x1	x12	x14	x 1/8	=	21.00 Cft.
Exam	1 x1	x5-1/2	x7-5/8	x 1/8	=	5.24 Cft.
Door side D-5	1 x10	x3-1/2	x 3/4	x 1/8	=	3.28 Cft.
DW1	1 x2	x5	x1-1/8	x 1/8	=	1.41 Cft.
Waiting opening	1 x2	x13	x 3/4	x 1/8	=	2.44 Cft.
Ver.opening	1 x24	x7-1/2	x1-1/8	x 1/8	=	25.31 Cft.

Diagnostic Block (Xray lab & OTS etc)

X.ray	1 x1	x13-3/8	x17-1/4	x 1/8	=	28.84 Cft.
Film store	1 x1	x8	x8-5/8	x 1/8	=	8.63 Cft.
Dark room	1 x1	x8	x9	x 1/8	=	9.00 Cft.
Op.theather	1 x1	x20	x18	x 1/8	=	45.00 Cft.
Nurse station	1 x1	x8	x12-5/8	x 1/8	=	12.63 Cft.
Store	1 x1	x8	x5	x 1/8	=	5.00 Cft.
Sterilization	1 x1	x12	x9-5/8	x 1/8	=	14.44 Cft.
Scrub up	1 x1	x12	x8	x 1/8	=	12.00 Cft.
Dilevery	1 x1	x13-5/8	x18	x 1/8	=	30.66 Cft.
Labour room	1 x1	x16	x13-5/8	x 1/8	=	27.25 Cft.
D1	1 x1	x4-1/2	x 3/4	x 1/8	=	0.42 Cft.
D2	1 x1	x4-1/2	x 3/4	x 1/8	=	0.42 Cft.
D4	1 x6	x3-1/2	x 3/4	x 1/8	=	1.97 Cft.

Indoor Patient Block (Male & Female Ward)

Nurse station	2 x2	x11	x12	x 1/8	=	66.00 Cft.
Linen store	2 x2	x5-5/8	x6-5/8	x 1/8	=	18.63 Cft.
Store	2 x2	x5	x12	x 1/8	=	30.00 Cft.
Store	2 x2	x5	x12	x 1/8	=	30.00 Cft.
L.store/Paintary	2 x2	x9	x19	x 1/8	=	85.50 Cft.
Ver	1 x1	x123-7/8	x7	x 1/8	=	108.39 Cft.

Total

1082.41 Sft.

@Rs.11174.60%/Cft

Rs. 120955/-

2 Dismantling glazed or encaustic tiles, etc.

Main Building (OPD Block)

Toilet Gaints	2 x2	x(3	+4-1/4)	x5	=	145 Sft.
Toilet Gaints	1 x2	x3	x4-1/4		=	26 Sft.
Lav.	1 x2	x(6-3/8	+9)	x5	=	154 Sft.
	1 x2	x6-3/8	x9		=	115 Sft.
Toilet Ladies	2 x2	x(3	+4-1/4)	x5	=	145 Sft.
	1 x2	x3	x4-1/4		=	26 Sft.
Lav.	1 x2	x(6-3/8	+9)	x5	=	154 Sft.
	1 x2	x6-3/8	x9		=	115 Sft.
Staff Toilet	1 x2	x(6	+4-1/4)	x5	=	103 Sft.
	1 x1	x6	x4-1/4		=	26 Sft.
Lav.	1 x2	x(6	+9)	x5	=	150 Sft.
	1 x1	x6	x9		=	54 Sft.
Toilet	1 x2	x(5	+6)	x5	=	110 Sft.

2 24

	1 x1	x5	x6	=	30 Sft.
D6	1 x3	x3	x 3/4	=	7 Sft.
D7	1 x6	x2-3/4	x 3/8	=	6 Sft.
Main Entrance/Plat Farm	1 x1	x21-1/2	x12	=	258 Sft.
	1 x2	x5	x5	=	50 Sft.
	1 x1	x21-1/2	x10	=	215 Sft.
	1 x2	x10	x5	=	100 Sft.
Diagnostic Block (Xray lab & OTS etc)					
X.ray	1 x1	x(13-3/8	+17-1/4)	x5	= 153 Sft.
Toilet Female	2 x2	x(3-5/8	+5)	x5	= 173 Sft.
	1 x2	x3-5/8	x5	=	36 Sft.
Lav.	1 x2	x(7-5/8	+8-1/4)	x5	= 159 Sft.
	1 x1	x7-5/8	x8-1/4	=	63 Sft.
Toilet male	2 x2	x(3-1/3	+5)	x5	= 166 Sft.
	1 x2	x3-1/3	x5	=	33 Sft.
Lav.	1 x2	x(8	+8-1/4)	x5	= 163 Sft.
	1 x1	x8	x8-1/4	=	66 Sft.
D4	1 x2	x3	x 3/4	=	5 Sft.
	2 x2	x2-1/4	x 3/8	=	3 Sft.
Indoor Patient Block (Male & Female Ward)					
Toilet	1 x4	x(5	+6-5/8)	x5	= 233 Sft.
	1 x1	x5	x6-5/8	=	33 Sft.
Lav.	2 x2	x(19-1/4	+9-1/4)	x5	= 570 Sft.
	1 x2	x19-1/4	x9-1/4	=	356 Sft.
Shower/Bath	4 x2	x(4-1/4	+4)	x5	= 330 Sft.
	1 x4	x4-1/4	x4	=	68 Sft.
WC	6 x2	x(4-1/4	+3)	x5	= 435 Sft.
	1 x6	x4-1/4	x3	=	77 Sft.
Lav.	2 x2	x(16	+6)	x5	= 440 Sft.
	1 x2	x16	x6	=	192 Sft.
Gaynee Block					
Toilet W.C	1 x3	x(4-1/4	+5)	x5	= 139 Sft.
	1 x3	x4-1/4	x5	=	64 Sft.
W.C	1 x2	x(4-4/7	+5)	x5	= 96 Sft.
	1 x2	x4-4/7	x5	=	46 Sft.
Gallery	1 x1	x(3-5/6	+5-3/8)	x5	= 46 Sft.
	1 x3	x3-5/6	x5-3/8	=	62 Sft.
Lav.	1 x1	x(13-1/4	+5-1/4)	x5	= 93 Sft.
	1 x3	x13-1/4	x5-1/4	=	209 Sft.
D3	1 x1	x3	x1-1/8	=	3 Sft.
D4	1 x5	x2-1/2	x 3/8	=	5 Sft.
			Total		6506 Sft.

@Rs.2335.85%Sft

4162

Rs. 151970/-

97,218

3 Removing door with chowkat.

Main Building (OPD Block)

DW1	1 x2	=	2 No.
DW2	1 x3	=	3 No.
D5	1 x6	=	6 No.
D6	1 x3	=	3 No.
D7	1 x6	=	6 No.

Diagnostic Block (Xray lab & OTS etc)

DW2	1 x2	=	2 No.
DW3	1 x2	=	2 No.
D3	1 x2	=	2 No.
D4	1 x3	=	3 No.
D5	1 x1	=	1 No.
D6	1 x4	=	4 No.

Indoor Patient Block (Male & Female Ward)

DW3	1 x2	=	2 No.
DW2	1 x2	=	2 No.
D3	1 x1	=	1 No.
D4	1 x2	=	2 No.
D5	1 x1	=	1 No.
D6	1 x10	=	10 No.
Passage door	1 x1	=	1 No.
Gaynee Block			
DW1	1 x1	=	1 No.

D4

1 x5

= 5 No.

Total

59 No.

@Rs.438.00/Each

Rs. 25842/-

4 Removing windows and sky lights with chowkat.

Main Building (OPD Block)

W2	1 x26	=	26 No.
W4	1 x9	=	9 No.
HW1	1 x10	=	10 No.
HW2	1 x5	=	5 No.

Diagnostic Block (Xray lab & OTS etc)

W1	1 x2	=	2 No.
W2	1 x2	=	2 No.
W3	1 x2	=	2 No.
W4	1 x9	=	9 No.
HW1	1 x7	=	7 No.

Indoor Patient Block (Male & Female Ward)

W4	1 x22	=	22 No.
W2	1 x2	=	2 No.
HW1	1 x12	=	12 No.

Total

108 No.

@Rs.341.50/Each

Rs. 36882/-

5 Dismantling brick work in lime or cement mortar.

Main Building (OPD Block)

Waiting walls	1 x1	x30	x 3/8	x2-1/2	=	28 Cft.
Main Ent. D side	1 x3	x2-1/2	x1-1/8	x9	=	76 Cft.

Total

104 Cft.

@Rs.4317.45%Cft

Rs. 4490/-

6 Removing mud plaster from walls.

Main Building (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.

Diagnostic Block (Xray lab & OTS etc)

	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 Patient Block (Male & Female Ward)

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.
Link passage	1 x2	x125	x4	=	1000 Sft.

Total = 7450 Sft.

@Rs.423.30%5ft

Rs. 31536/-

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.

Main Building (OPD Block)

Disp.	1 x1	x12	x13-5/8	x 1/4	=	41 Cft.
Waiting	1 x1	x15-1/4	x13-5/8	x 1/4	=	52 Cft.
Disp.	1 x1	x14	x13-5/8	x 1/4	=	48 Cft.
Waiting	1 x1	x16	x13-5/8	x 1/4	=	55 Cft.
Emergency Ward	1 x1	x16	x13-5/8	x 1/4	=	55 Cft.
Waiting Female	1 x1	x18	x13-5/8	x 1/4	=	61 Cft.
LHV	1 x1	x11	x13-5/8	x 1/4	=	37 Cft.
Demonstration office	1 x1	x11	x13-5/8	x 1/4	=	37 Cft.
World food programe	1 x1	x10	x14	x 1/4	=	35 Cft.
Treatment	1 x1	x10	x14	x 1/4	=	35 Cft.
Ver.Front side	1 x1	x193-7/8	x7	x 1/4	=	339 Cft.

Roch	1 x1	x19	x14	x 1/4	=	67 Cft.
Ramp	1 x2	x14	x3	x 1/4	=	21 Cft.
Waiting	1 x1	x15-1/4	x14	x 1/4	=	53 Cft.
Disp.	1 x1	x12	x14	x 1/4	=	42 Cft.
Tibb	1 x1	x12	x14	x 1/4	=	42 Cft.
Exam	1 x1	x5-1/2	x7-5/8	x 1/4	=	10 Cft.
Toilet Gaints	1 x2	x3	x4-1/4	x 1/4	=	6 Cft.
	1 x2	x6-3/8	x9	x 1/4	=	29 Cft.
	1 x2	x3	x4-1/4	x 1/4	=	6 Cft.
	1 x2	x6-3/8	x9	x 1/4	=	29 Cft.
	1 x1	x6	x4-1/4	x 1/4	=	6 Cft.
	1 x1	x6	x9	x 1/4	=	14 Cft.
	1 x1	x5	x6	x 1/4	=	8 Cft.
Main Enterence/Plat Farm	1 x1	x21-1/2	x12	x 1/4	=	65 Cft.
	1 x1	x21-1/2	x10	x 1/4	=	54 Cft.
Diagnostic Block (Xray lab & OTS etc)						
X.ray	1 x1	x13-3/8	x17-1/4	x 1/4	=	58 Cft.
Film store	1 x1	x8	x8-5/8	x 1/4	=	17 Cft.
Dark room	1 x1	x8	x9	x 1/4	=	18 Cft.
Op.theather	1 x1	x20	x18	x 1/4	=	90 Cft.
Nurse station	1 x1	x8	x12-5/8	x 1/4	=	25 Cft.
Store	1 x1	x8	x5	x 1/4	=	10 Cft.
Sterilization	1 x1	x12	x9-5/8	x 1/4	=	29 Cft.
Scrub up	1 x1	x12	x8	x 1/4	=	24 Cft.
Dilevery	1 x1	x13-5/8	x18	x 1/4	=	61 Cft.
Labour room	1 x1	x16	x13-5/8	x 1/4	=	55 Cft.
	1 x2	x13-3/8	x5	x 1/4	=	33 Cft.
	1 x1	x7-5/8	x8-1/4	x 1/4	=	16 Cft.
	1 x2	x3-1/3	x5	x 1/4	=	8 Cft.
	1 x1	x8	x8-1/4	x 1/4	=	17 Cft.
Indoor Patient Block (Male & Female Ward)						
Nurse station	2 x2	x11	x12	x 1/4	=	132 Cft.
Linen store	2 x2	x5-5/8	x6-5/8	x 1/4	=	37 Cft.
Store	2 x2	x5	x12	x 1/4	=	60 Cft.
Store	2 x2	x5	x12	x 1/4	=	60 Cft.
L.store/Paintary	2 x2	x9	x19	x 1/4	=	171 Cft.
Ver	1 x1	x123-7/8	x7	x 1/4	=	217 Cft.
	1 x1	x5	x6-5/8	x 1/4	=	8 Cft.
	1 x2	x19-1/4	x9-1/4	x 1/4	=	89 Cft.
	1 x4	x4-1/4	x4	x 1/4	=	17 Cft.
	1 x6	x4-1/4	x3	x 1/4	=	19 Cft.
	1 x2	x16	x6	x 1/4	=	48 Cft.
Gaynee Block						
Toilet W.C	1 x3	x4-1/4	x5	x 1/4	=	16 Cft.
W.C	1 x2	x4-4/7	x5	x 1/4	=	11 Cft.
Gallery	1 x3	x3-5/6	x5-3/8	x 1/4	=	15 Cft.
Lav.	1 x3	x13-1/4	x5-1/4	x 1/4	=	52 Cft.
Total.					=	2660 Cft.

@Rs.9284.40% Cft Rs. 246965/-

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

Main Building (OPD Block)

Main Entr.Door side 1 x2 x3-3/4 x1-1/8 x9 = 76 Cft.

Indoor Patient Block (Male & Female Ward)

Ver.Part.Wall 1 x1 x7 x 3/4 x12 = 63 Cft.

Total. = 139 Cft.

Deductions.

Indoor Patient Block (Male & Female Ward)

Door opening. 1 x1 x4 x 3/4 x8-1/2 = 26 Cft.

Lintel. 1 x1 x5 x 3/4 x 1/2 = 2 Cft.

Total Deductions. = 28 Cft.

Net Qty. 139 (-) 28 = 111 Cft.

@Rs.31625.30% Cft Rs. 35104/-

9 1/2" thick cement plaster 1:4 upto 20' (6.00 mm) height:-

Main Building (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.
Over Roof gola	1 x1	x216-1/8	x2	=	432 Sft.
	1 x2	x14	x2	=	56 Sft.
	1 x2	x8-1/8	x2	=	33 Sft.
	1 x2	x5-3/4	x2	=	23 Sft.
	1 x2	x37-1/2	x2	=	150 Sft.
	1 x1	x222-5/8	x2	=	445 Sft.

Diagnostic Block (Xray lab & OTS etc)

	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.
Over Roof gola	1 x2	x76-1/2	x2	=	306 Sft.
	1 x1	x68-3/8	x2	=	137 Sft.
	1 x2	x8-1/8	x2	=	33 Sft.
	1 x1	x4-1/2	x2	=	9 Sft.
	1 x1	x8-3/8	x2	=	17 Sft.
	1 x2	x18	x2	=	72 Sft.
	2 x2	x2-1/2	x2	=	20 Sft.
	1 x2	x14	x2	=	56 Sft.
	1 x1	x90-1/4	x2	=	181 Sft.

Indoor Patient Block (Male & Female Ward)

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.
Link passage	1 x2	x125	x4	=	1000 Sft.
Ver.Partation wall	1 x2	x7	x12	=	168 Sft.
Over Roof gola	1 x2	x66-1/2	x2	=	266 Sft.
	1 x1	x132-7/8	x2	=	266 Sft.
	1 x2	x8-1/8	x2	=	33 Sft.
	1 x2	x3-3/4	x2	=	15 Sft.
	1 x2	x48-1/4	x2	=	193 Sft.
	1 x1	x134-1/8	x2	=	268 Sft.
	1 x2	x3-3/4	x2	=	15 Sft.
	1 x2	x9	x2	=	36 Sft.
	1 x2	x20	x2	=	80 Sft.
	1 x2	x17	x2	=	68 Sft.
	2 x2	x10	x2	=	80 Sft.

Gaynee Block

Over Roof gola	1 x2	x16-1/2	x2	=	66 Sft.
	1 x1	x79-3/4	x2	=	160 Sft.
	1 x1	x88-1/2	x2	=	177 Sft.
	1 x2	x45	x2	=	180 Sft.

Total = -11491 Sft.

@Rs.3241.60%Sft

Rs. 372492/-

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

Main Building (OPD Block)

Disp.	1 x1	x12	x13-5/8	x 1/8	=	20 Cft.
Waiting	1 x1	x15-1/4	x13-5/8	x 1/8	=	26 Cft.
Disp.	1 x1	x14	x13-5/8	x 1/8	=	24 Cft.
Waiting	1 x1	x16	x13-5/8	x 1/8	=	27 Cft.
Emergency Ward	1 x1	x16	x13-5/8	x 1/8	=	27 Cft.
Waiting Female	1 x1	x18	x13-5/8	x 1/8	=	31 Cft.
LHV	1 x1	x11	x13-5/8	x 1/8	=	19 Cft.
Demonstration office	1 x1	x11	x13-5/8	x 1/8	=	19 Cft.
World food programe	1 x1	x10	x14	x 1/8	=	18 Cft.
Treatment	1 x1	x10	x14	x 1/8	=	18 Cft.
Ver.Front side	1 x1	x193-7/8	x7	x 1/8	=	170 Cft.
Proch	1 x1	x19	x14	x 1/8	=	33 Cft.
Ramp	1 x2	x14	x3	x 1/8	=	11 Cft.

Waiting	1 x1	x15-1/4	x14	x 1/8	=	27 Cft.
Disp.	1 x1	x12	x14	x 1/8	=	21 Cft.
Tibb	1 x1	x12	x14	x 1/8	=	21 Cft.
Exam	1 x1	x5-1/2	x7-5/8	x 1/8	=	5 Cft.
Toilet Gaints	1 x2	x3	x4-1/4	x 1/8	=	3 Cft.
	1 x2	x6-3/8	x9	x 1/8	=	14 Cft.
	1 x2	x3	x4-1/4	x 1/8	=	3 Cft.
	1 x2	x6-3/8	x9	x 1/8	=	14 Cft.
	1 x1	x6	x4-1/4	x 1/8	=	3 Cft.
	1 x1	x6	x9	x 1/8	=	7 Cft.
	1 x1	x5	x6	x 1/8	=	4 Cft.
Main Enterence/Plat Farm	1 x1	x21-1/2	x12	x 1/8	=	32 Cft.
	1 x1	x21-1/2	x10	x 1/8	=	27 Cft.
Over Roof gola	1 x1	x216-1/8	x 1/2	x 1/4	x 1/4	= 7 Cft.
	1 x2	x14	x 1/2	x 1/4	x 1/4	= 1 Cft.
	1 x2	x8-1/8	x 1/2	x 1/4	x 1/4	= 1 Cft.
	1 x2	x5-3/4	x 1/2	x 1/4	x 1/4	= 0 Cft.
	1 x2	x37-1/2	x 1/2	x 1/4	x 1/4	= 2 Cft.
	1 x1	x222-5/8	x 1/2	x 1/4	x 1/4	= 7 Cft.

Diagnostic Block (Xray lab & OTS etc)

X.ray	1 x1	x13-3/8	x17-1/4	x 1/8	=	29 Cft.
Film store	1 x1	x8	x8-5/8	x 1/8	=	9 Cft.
Dark room	1 x1	x8	x9	x 1/8	=	9 Cft.
Op.theather	1 x1	x20	x18	x 1/8	=	45 Cft.
Nurse station	1 x1	x8	x12-5/8	x 1/8	=	13 Cft.
Store	1 x1	x8	x5	x 1/8	=	5 Cft.
Sterilization	1 x1	x12	x9-5/8	x 1/8	=	14 Cft.
Scrub up	1 x1	x12	x8	x 1/8	=	12 Cft.
Dilevery	1 x1	x13-5/8	x18	x 1/8	=	31 Cft.
Labour room	1 x1	x16	x13-5/8	x 1/8	=	27 Cft.
	1 x2	x13-3/8	x5	x 1/8	=	17-Cft.
	1 x1	x7-5/8	x8-1/4	x 1/8	=	8 Cft.
	1 x2	x3-1/3	x5	x 1/8	=	4 Cft.
Over Roof gola	1 x1	x8	x8-1/4	x 1/8	=	8 Cft.
	1 x2	x76-1/2	x 1/2	x 1/4	x 1/4	= 5 Cft.
	1 x1	x68-3/8	x 1/2	x 1/4	x 1/4	= 2 Cft.
	1 x2	x8-1/8	x 1/2	x 1/4	x 1/4	= 1 Cft.
	1 x1	x4-1/2	x 1/2	x 1/4	x 1/4	= 0.14 Cft.
	1 x1	x8-3/8	x 1/2	x 1/4	x 1/4	= 0.26 Cft.
	1 x2	x18	x 1/2	x 1/4	x 1/4	= 1 Cft.
	2 x2	x2-1/2	x 1/2	x 1/4	x 1/4	= 0.31 Cft.
	1 x2	x14	x 1/2	x 1/4	x 1/4	= 1 Cft.
	1 x1	x90-1/4	x 1/2	x 1/4	x 1/4	= 3 Cft.

Indoor Patient Block (Male & Female Ward)

Nurse station	2 x2	x11	x12	x 1/8	=	66 Cft.
Linen store	2 x2	x5-5/8	x6-5/8	x 1/8	=	19 Cft.
Store	2 x2	x5	x12	x 1/8	=	30 Cft.
Store	2 x2	x5	x12	x 1/8	=	30 Cft.
L.store/Paintary	2 x2	x9	x19	x 1/8	=	86 Cft.
Ver	1 x1	x123-7/8	x7	x 1/8	=	108 Cft.
	1 x1	x5	x6-5/8	x 1/8	=	4 Cft.
	1 x2	x19-1/4	x9-1/4	x 1/8	=	45 Cft.
	1 x4	x4-1/4	x4	x 1/8	=	9 Cft.
	1 x6	x4-1/4	x3	x 1/8	=	10 Cft.
	1 x2	x16	x6	x 1/8	=	24 Cft.
	1 x2	x66-1/2	x 1/2	x 1/4	x 1/4	= 4 Cft.

Over Roof gola	1 x1	x132-7/8	x 1/2	x 1/4	x 1/4	= 4 Cft.
	1 x2	x8-1/8	x 1/2	x 1/4	x 1/4	= 1 Cft.
	1 x2	x3-3/4	x 1/2	x 1/4	x 1/4	= 0.23 Cft.
	1 x2	x48-1/4	x 1/2	x 1/4	x 1/4	= 3.02 Cft.
	1 x1	x134-1/8	x 1/2	x 1/4	x 1/4	= 4 Cft.
	1 x2	x3-3/4	x 1/2	x 1/4	x 1/4	= 0.23 Cft.
	1 x2	x9	x 1/2	x 1/4	x 1/4	= 1 Cft.
	1 x2	x20	x 1/2	x 1/4	x 1/4	= 1 Cft.
	1 x2	x17	x 1/2	x 1/4	x 1/4	= 1 Cft.
	2 x2	x10	x 1/2	x 1/4	x 1/4	= 1 Cft.
	1 x3	x4-1/4	x5	x 1/4	=	16 Cft.

Gaynee Block

Toilet W.C	1 x2	x4-4/7	x5	x 1/4	=	11 Cft.
W.C						

Gallery	1 x3	x3-5/6	x5-3/8	x 1/4	=	15 Cft.
Lav.	1 x3	x13-1/4	x5-1/4	x 1/4	=	52 Cft.
Over Roof gola	1 x2	x16-1/2	x 1/2	x 1/4	x 1/4	= 1 Cft.
	1 x1	x79-3/4	x 1/2	x 1/4	x 1/4	= 2 Cft.
	1 x1	x88-1/2	x 1/2	x 1/4	x 1/4	= 3 Cft.
	1 x2	x45	x 1/2	x 1/4	x 1/4	= 2.81 Cft.
Total.						= 1441 Cft. 1353

@Rs.38126.10%/Cft

Rs. 549397/-

- 11 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)

Main Building (OPD Block)

Main Ent. Door lintel 1 x18 x1-1/8 x1-1/4 = 25 Cft.

Indoor Patient Block (Male & Female Ward)

P/wall Door lintel 1 x5 x 3/4 x 1/2 = 2 Cft.

Total = 27.00 Cft.

@Rs.556.50/Cft

Rs. 15026/-

- 12 Fabrication of M.S reinforcement i/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

27.00 x6.75 x0.454

= 83 Kg

= 83 Kg

@Rs.31409.15%/Kg

Rs. 26070/-

13

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

(i) 3/8" Squar Bars

Main Building (OPD Block)

W2 1 x26 x4 x5-1/2 = 572 Sft.

W4 1 x10 x6 x5-1/2 = 330 Sft.

HW1 1 x10 x4 x3 = 120 Sft.

HW2 1 x5 x2 x2 = 20 Sft.

W 1 x4 x4 x5-1/2 = 88 Sft.

V.op side B & T 2 x24 x7-1/2 x1-1/2 = 540 Sft.

Diagnostic Block (Xray lab & OTS etc)

W1 1 x2 x10 x5-1/2 = 110 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 x7 x4 x4 = 112 Sft.

V.op side B & T 2 x5 x7-1/2 x1-1/2 = 113 Sft.

2 x10 x6 x1-1/2 = 180 Sft.

Indoor Patient Block (Male & Female Ward)

W4 1 x22 x4 x5-1/2 = 484 Sft.

W2 1 x2 x8 x11 = 176 Sft.

HW1 1 x12 x4 x4 = 192 Sft.

V.op side B & T 2 x16 x6 x1-1/2 = 288 Sft.

Total = 3765 Sft.

@Rs.492.10/Sft

3217757/-
Rs. 1852757/-

- 14 Providing and fixing G.I. wire gauze 24 SWG, 12x12 meshes per square inch, fixed to steel windows or doors, etc., complete in all respects.

Main Building (OPD Block)

V.op side B & T 2 x24 x7-1/2 x1-1/2 = 540 Sft.

Diagnostic Block (Xray lab & OTS etc)

V.op side B & T 2 x5 x7-1/2 x1-1/2 = 113 Sft.

2 x10 x6 x1-1/2 = 180 Sft.

Indoor Patient Block (Male & Female Ward)

V.op side B & T 2 x16 x6 x1-1/2 = 288 Sft.

Total

= 1121 Sft.

@Rs.144.25/Sft

Rs. 161704/-

15 Providing and fitting all types of glazed aluminium windows of anodised/ powder coated partly fixed and partly sliding using delux sections of approved manufacturer section thickness is 1.2 mm.having frame size of 100 x 30 mm (4"x1-1/4") and leaf frame sections of 50 x 20 mm (2"x3/4"), all of 1.6mm thickness including 5 mm thick imported tinted glass with rubber gasket using approved standard latches, hardware etc., as approved by the Engineer in-charge.

Main Building (OPD Block)

W2	1 x26	x4	x5-1/2	=	572 Sft.
W4	1 x9	x6	x5-1/2	=	297 Sft.
HW1	1 x10	x4	x3	=	120 Sft.
HW2	1 x5	x2	x2	=	20 Sft.
W	1 x4	x4	x5-1/2	=	88 Sft.

Diagnostic Block (Xray lab & OTS etc)

W1	1 x2	x10	x5-1/2	=	110 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 x7	x4	x4	=	112 Sft.

Indoor Patient Block (Male & Female Ward)

W4	1 x22	x4	x5-1/2	=	484 Sft.
W2	1 x2	x8	x11	=	176 Sft.
HW1	1 x12	x4	x4	=	192 Sft.
Gyenee ward(Comm Wind)	1 x1	x8	x10	=	80 Sft.

Total

= 2691 Sft.

@Rs.1348.40/Sft

Rs. 3628544/-

16 Providing and fixing Aluminum Fly screen comprising of Fiber/Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer/powder coated of size1-1/2"x1/2"and 1.6mm thick with rubber gasket i/c cost of Hardwares as approved and directed by the engineer incharge.

Main Building (OPD Block)

W2	1 x26	x4	x5-1/2	=	572 Sft.
W4	1 x9	x6	x5-1/2	=	297 Sft.
HW1	1 x10	x4	x3	=	120 Sft.
HW2	1 x5	x2	x2	=	20 Sft.
W	1 x4	x4	x5-1/2	=	88 Sft.

Diagnostic Block (Xray lab & OTS etc)

W1	1 x2	x10	x5-1/2	=	110 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 x7	x4	x4	=	112 Sft.

Indoor Patient Block (Male & Female Ward)

W4	1 x22	x4	x5-1/2	=	484 Sft.
W2	1 x2	x8	x11	=	176 Sft.
HW1	1 x12	x4	x4	=	192 Sft.
Gyenee ward(Comm Wind)	1 x1	x8	x10	=	80 Sft.

Total

= 2691 Sft.

@Rs.493.05/Sft

Rs. 1326798/-
663699/-

- 17 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 sections thickness having chowkat frame of size 40 x 100 mm (1 1/2" x 4") and leaf frame of 60x40mm (2 1/2" x 1 1/2") wide sections including the cost of 1/4" (5 mm) thick imported tinted sections are of dull aluminium 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.

Main Building (OPD Block)

DW1	1 x1	x17-1/2	x9-1/2	=	166 Sft.
DW2	1 x3	x8-3/4	x9-1/2	=	249 Sft.
D	1 x2	x5	x9	=	90 Sft.

Diagnostic Block (Xray lab & OTS etc)

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

Indoor Patient Block (Male & Female Ward)

DW2	1 x2	x9	x9	=	162 Sft.
DW3	1 x2	x8	x9	=	144 Sft.
Counter door	1 x2	x3	x4	=	24 Sft.
D	1 x1	x4	x8-1/2	=	34 Sft.
Passage door	1 x1	x4	x8-1/2	=	34 Sft.
Gaynee ward DW1	1 x1	x8	x8-1/2	=	68 Sft.

Total = 1277 Sft.

@Rs.1437.60/Sft

Rs. 1837615/-

9% to Item no 21

- 18 Providing and fixing Openable door comprising of 3mm thick UPVC hollow profile, chowkat frame of 60mmx64mm and leaf frame 60 mmx106 mm both duly reinforced with G.I box frame inside the void with 20 mm wide panel with grooves on both sides i/c the cost of hardwares, hinges, four bolt and cutting changes on approved & directed by the Engineer Incharge

Main Building (OPD Block)

D7	1 x6	x2-3/4	x6-1/2	=	107 Sft.
----	------	--------	--------	---	----------

Diagnostic Block (Xray lab & OTS etc)

D6	1 x4	x2-1/4	x7	=	63 Sft.
----	------	--------	----	---	---------

Indoor Patient Block (Male & Female Ward)

D6	1 x10	x2-1/4	x7	=	158 Sft.
----	-------	--------	----	---	----------

Gaynee Block

D4	1 x5	x2-1/2	x7	=	88 Sft.
----	------	--------	----	---	---------

Total = 416 Sft.

@Rs.1200.00/Sft

Rs. 499200/-

- 19 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 (in) 600mmx 600 mm

Main Building (OPD Block)

Disp.	1 x1	x12	x13-5/8	=	164 Sft.
Waiting	1 x1	x15-1/4	x13-5/8	=	208 Sft.
Disp.	1 x1	x14	x13-5/8	=	191 Sft.
Waiting	1 x1	x16	x13-5/8	=	218 Sft.
Emergency Ward	1 x1	x16	x13-5/8	=	218 Sft.
Waiting Female	1 x1	x18	x13-5/8	=	245 Sft.
LHV	1 x1	x11	x13-5/8	=	150 Sft.
Demonstration office	1 x1	x11	x13-5/8	=	150 Sft.
World food programe	1 x1	x10	x14	=	140 Sft.
Treatment	1 x1	x10	x14	=	140 Sft.
Ver.Front side	1 x1	x19-7/8	x7	=	1357 Sft.
Proch	1 x1	x19	x14	=	266 Sft.

**ROUGH COST ESTIMATE FOR THE WORK "REVAMPING OF HEALTH FACILITY OF
TEHSIL HEAD QUARTER HOSPITAL CHOWK AZAM DISTRICT LAYYAH.**

MRS 2nd BI-ANNUAL-2022 (1ST July TO 31st December 2022) DISTRICT LAYYAH.

- 19 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

Main Building (OPD Block)

Disp.	1 x1	x12	x13-5/8	=	164 Sft.
Waiting	1 x1	x15-1/4	x13-5/8	=	208 Sft.
Disp.	1 x1	x14	x13-5/8	=	191 Sft.
Waiting	1 x1	x16	x13-5/8	=	218 Sft.
Emergency Ward	1 x1	x16	x13-5/8	=	218 Sft.
Waiting Female	1 x1	x18	x13-5/8	=	245 Sft.
LHV	1 x1	x11	x13-5/8	=	150 Sft.
Demonstration office	1 x1	x11	x13-5/8	=	150 Sft.
World food programme	1 x1	x10	x14	=	140 Sft.
Treatment	1 x1	x10	x14	=	140 Sft.
Ver.Front side	1 x1	x193-7/8	x7	=	1357 Sft.
Proch	1 x1	x19	x14	=	266 Sft.
Ramp	1 x2	x14	x3	=	84 Sft.
Waiting	1 x1	x15-1/4	x14	=	214 Sft.
Disp.	1 x1	x12	x14	=	168 Sft.
Tibb	1 x1	x12	x14	=	168 Sft.
Exam	1 x1	x5-1/2	x7-5/8	=	42 Sft.
D5	1 x1	x10	x1-1/8	=	11 Sft.
DW1	1 x1	x10	x1-1/8	=	11 Sft.
Waiting opening	1 x2	x13	x 3/4	=	20 Sft.
Ver.opening	1 x24	x7-1/2	x1-1/8	=	203 Sft.
Toilet Gaints	1 x2	x3	x4-1/4	=	26 Sft.
Lav	1 x1	x6-3/8	x9	=	57 Sft.
Toilt Female	1 x2	x3	x4-1/4	=	26 Sft.
Lav	1 x1	x6-3/8	x9	=	57 Sft.
Staff toilet	1 x1	x6	x4-1/4	=	26 Sft.
Lav	1 x1	x6	x9	=	54 Sft.
Toilet	1 x1	x5	x6	=	30 Sft.
D6	1 x3	x3	x 3/4	=	7 Sft.
D7	1 x6	x2-3/4	x 3/8	=	6 Sft.

Diagnostic Block (Xray lab & OTS etc)

X.ray	1 x1	x13-3/8	x17-1/4	=	231 Sft.
Film store	1 x1	x8	x8-5/8	=	69 Sft.
Dark room	1 x1	x8	x9	=	72 Sft.
Nurse station	1 x1	x8	x12-5/8	=	101 Sft.
Store	1 x1	x8	x5	=	40 Sft.
Sterilization	1 x1	x12	x9-5/8	=	116 Sft.
Scrub up	1 x1	x12	x8	=	96 Sft.
Dilevery	1 x1	x13-5/8	x18	=	245 Sft.
Labour room	1 x1	x16	x13-5/8	=	218 Sft.
Ver	1 x1	x69-5/8	x8	=	557 Sft.
Ver opening	1 x10	x6	x1-1/8	=	68 Sft.
Toilet Female	1 x2	x3-5/8	x5	=	36 Sft.
Lav	1 x1	x7-5/8	x8-1/4	=	63 Sft.
Toilet Gaints	1 x2	x3-1/3	x5	=	33 Sft.
Lav	1 x1	x8	x25	=	200 Sft.
D4	1 x2	x3	x 3/4	=	5 Sft.
	2 x2	x2-1/4	x 3/8	=	3 Sft.

Indoor Patient Block (Male & Female Ward)

Nurse station	1 x2	x11	x12	=	264 Sft.
Linen store	1 x2	x5-5/8	x6-5/8	=	75 Sft.
Store	1 x2	x5	x12	=	120 Sft.
Store	1 x2	x5	x12	=	120 Sft.
L.store/Paintary	1 x2	x9	x19	=	342 Sft.

Ver	1 x1	x123-7/8	x7	=	867 Sft.
Toilet	1 x1	x5	x6-5/8	=	33 Sft.
Lav	1 x2	x19-1/4	x9-1/4	=	356 Sft.
Shower/Bath	1 x4	x4-1/4	x4	=	68 Sft.
WC	1 x6	x4-1/4	x3	=	77 Sft.
Lav	1 x2	x16	x6	=	192 Sft.
Gaynee Block					
	1 x3	x4-1/4	x5	=	64 Sft.
	1 x2	x4-4/7	x5	=	46 Sft.
	1 x1	x3-5/6	x5-3/8	=	21 Sft.
	1 x1	x13-1/4	x5-1/4	=	70 Sft.
D3	1 x1	x3	x1-1/8	=	3 Sft.
D4	1 x5	x2-1/2	x 3/8	=	5 Sft.
Total					9533 Sft.

@Rs.340.50/Sft

Rs. 3245987/-

- 20 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 tiles (ii) 600mmx 600 mm

Main Building (OPD Block)

Disp.	1 x2	x(12	+13-5/8)	x 1/2	=	26 Sft.
Waiting	1 x2	x(15-1/4	+13-5/8)	x 1/2	=	29 Sft.
Disp.	1 x2	x(14	+13-5/8)	x 1/2	=	28 Sft.
Waiting	1 x2	x(16	+13-5/8)	x 1/2	=	30 Sft.
Emergency Ward	1 x2	x(16	+13-5/8)	x 1/2	=	30 Sft.
Waiting Female	1 x2	x(18	+13-5/8)	x 1/2	=	32 Sft.
LHV	1 x2	x(11	+13-5/8)	x 1/2	=	25 Sft.
Demonstration office	1 x2	x(11	+13-5/8)	x 1/2	=	25 Sft.
World food programe	1 x2	x(10	+14)	x 1/2	=	24 Sft.
Treatement	1 x2	x(10	+14)	x 1/2	=	24 Sft.
Ver.Front side	1 x2	x(193-7/8	+7)	x6	=	2411 Sft.
Proch	1 x2	x(19	+14)	x6	=	396 Sft.
Waiting	1 x2	x(15-1/4	+14)	x6	=	351 Sft.
Disp.	1 x2	x(12	+14)	x 1/2	=	26 Sft.
Tibb	1 x2	x(12	+14)	x 1/2	=	26 Sft.
Exam	1 x2	x(5-1/2	+7-5/8)	x 1/2	=	13 Sft.
M.Ent side	1 x2	x5	x6		=	60 Sft.
	1 x2	x10	x6		=	120 Sft.
Toilet Gaints	2 x2	x(3	+4-1/4)	x7	=	203 Sft.
Lav	1 x2	x(6-3/8	+9)	x7	=	215 Sft.
Toilt Female	2 x2	x(3	+4-1/4)	x7	=	203 Sft.
Lav	1 x2	x(6-3/8	+9)	x7	=	215 Sft.
Staff toilet	1 x2	x(6	+4-1/4)	x7	=	144 Sft.
Lav	1 x2	x(6	+9)	x7	=	210 Sft.
Toilet	1 x2	x(5	+6)	x7	=	154 Sft.

Diagnostic Block (Xray lab & OTS etc)

X.ray	1 x2	x(13-3/8	+17-1/4)	x 1/2	=	31 Sft.
Film store	1 x2	x(8	+8-5/8)	x 1/2	=	17 Sft.
Dark room	1 x2	x(8	+9)	x 1/2	=	17 Sft.
Nurse station	1 x2	x(8	+12-5/8)	x 1/2	=	21 Sft.
Store	1 x2	x(8	+5)	x 1/2	=	13 Sft.
Sterilization	1 x2	x(12	+9-5/8)	x 1/2	=	22 Sft.
Scrub up	1 x2	x(12	+8)	x 1/2	=	20 Sft.
Dilevery	1 x2	x(13-5/8	+18)	x 1/2	=	32 Sft.
Labour room	1 x2	x(16	+13-5/8)	x 1/2	=	30 Sft.
Ver	1 x2	x(69-5/8	+8)	x6	=	932 Sft.
Toilet Female	2 x2	x(3-5/8	+5)	x7	=	242 Sft.
Lav	1 x2	x(7-5/8	+8-1/4)	x7	=	222 Sft.
Toilet Gaints	2 x2	x(3-1/3	+5)	x7	=	233 Sft.
Lav	1 x2	x(8	+25)	x7	=	462 Sft.

Indoor Patient Block (Male & Female Ward)

Nurse station	2 x2	x(11	+12)	x 1/2	=	46 Sft.
---------------	------	------	-------	-------	---	---------

Linen store	2 x2	x(5-5/8	+6-5/8)	x 1/2	=	25 Sft.
Store	2 x2	x(5	+12)	x 1/2	=	34 Sft.
Store	2 x2	x(5	+12)	x 1/2	=	34 Sft.
L.store/Paintary	2 x2	x(9	+19)	x 1/2	=	56 Sft.
Ver	1 x2	x(123-7/8	+7)	x6	=	1571 Sft.
Toilet	1 x2	x(5	+6-5/8)	x7	=	163 Sft.
Lav	2 x2	x(19-1/4	+9-1/4)	x7	=	798 Sft.
Shower/Bath	2 x4	x(4-1/4	+4)	x7	=	462 Sft.
WC	2 x6	x(4-1/4	+3)	x7	=	609 Sft.
Lav	2 x2	x(16	+6)	x7	=	616 Sft.
Lav.	2 x2	x(6-3/8	+9)	x7	=	431 Sft.
Gaynee Block						
Toilet W.C	2 x3	x(4-1/4	+5)	x7	=	389 Sft.
W.C	2 x2	x(4-4/7	+5)	x7	=	268 Sft.
Gallery	1 x2	x(3-5/6	+5-3/8)	x7	=	129 Sft.
Lav.	1 x2	x(13-1/4	+5-1/4)	x7	=	259 Sft.

Total

13204 Sft.

@Rs.340.50/Sft

Total

Say

Rs. 4495962/-

Rs. 4495962/-

Rs. 7741949/-

D/d opening 1663 + 2691 = 4354

4354 = 8850 sq
3013425/-

Sub Engineer,

Sub Divisional Officer
Buildings Sub Division
Layyah

Executive Engineer
Buildings Division
Layyah.

@Rs.340.50/Sft

- 21 P/F1-1/2" thick solid flush door comprising of 2.5mm thick Commercial ply compressed over 2.5mm thick commercial ply over 1" thick packing wood in style and rails under proper pressure i/c the cost of nails, tower bolt, handles, glue, sawing charges, Painting charges, sand papering and 3/8" thick matching wooden lipping as approved and directed by the Engineer Incharge
Main Building (OPD Block)

D5	1 x6	x3-1/4	x6-7/8	=	134 Sft.
D6	1 x3	x2-3/4	x6-7/8	=	57 Sft.

Diagnostic Block (Xray lab & OTS etc)

D3	1 x2	x3-1/4	x6-7/8	=	45 Sft.
D4	1 x3	x3	x6-7/8	=	62 Sft.
D5	1 x1	x2	x6-7/8	=	14 Sft.

Indoor Patient Block (Male & Female Ward)

D3	1 x1	x3-1/4	x6-7/8	=	22 Sft.
D4	1 x2	x2-3/4	x6-7/8	=	38 Sft.
D5	1 x1	x2	x6-7/8	=	14 Sft.

Total

B/f Item 17 = 386 Sft.
@Rs.502.20/Sft 1277
1663

Rs. 193849/-
835159/-

- 22 Providing & fixing 3/4" dia heavy duty sliding bolt of specified material i/c the cost of hardware complete in all respect as approved and directed by the Engineer Incharge iron sliding bolts 12" long to door.

Main Building (OPD Block)

1 x 15 = 15 No.

Diagnostic Block (Xray lab & OTS etc)

1 x 8 = 8 No.

Indoor Patient Block (Male & Female Ward)

1 x 2 = 2 No.

Total = 25 Nos.

@Rs. 470.00/Each

Rs. 11750/-

- 23 a) Iron (i) 10" (250 mm) long

Main Building (OPD Block)

1 x 12 = 12 No.

Diagnostic Block (Xray lab & OTS etc)

1 x 5 = 5 No.

Total = 17 Nos.

@Rs. 410.00/Each

Rs. 6970/-

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

Main Building (OPD Block)

For ramp side 1 x2 x3 = 6 Rft.

" 1 x1 x16 = 16 Rft.

For Step 1 x2 x9 = 18 Rft.

" 1 x3 x3 = 9 Rft.

For Podium 1 x1 x8 = 8 Rft.

2 x3 x3 = 18 Rft.

2 x2 x2 = 8 Rft.

Diagnostic Block (Xray lab & OTS)

For ramp side 1 x2 x10 = 20 Rft.

Indoor Patient Block (Male & Female Ward)

For Step 1 x2 x4 = 8 Rft.

Gaynee Ward

For Step 1 x2 x10 = 20 Rft.

For ramp 1 x2 x10 = 20 Rft.

1 x2 x4 = 8 Rft.

Total = 159 Rft.
 @Rs.2361.45/Rft Rs. 375471/-

- 25 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.

(Non-Skid Chequered Tiles) 300mmx300mm

Main Building (OPD Block)

Ramp	1 x2	x14	x3	=	84 Sft.
Diagnostic Block (Xray lab & OTS)					
Ramp	1 x2	x10	x6	=	120 Sft.
Gaynee Block					
Ramp	1 x1	x10	x6	=	60 Sft.
Total					<u>264 Sft.</u>

@Rs.211.55/Sft Rs. 55849/-

- 26 Providing and fixing 6 in(150 mm). wide curved sheet of required shape fixed on face of the construction joint with G.I.screw,1.5 in (40 mm) long to cover construction joints vertically:- ii) G.I. sheet, 18 SWG

Main Building (OPD Block)

Vertically	1 x4	x2	x12	=	96 Rft.
Diagnostic Block (Xray lab & OTS)					
Vertically	1 x1	x2	x12	=	24 Rft.
Indoor Patient Block (Male & Female Ward)					
Vertically	1 x1	x2	x12	=	24 Rft.
Gaynee Block					
Vertically	1 x1	x2	x12	=	24 Rft.
Total					<u>168 Rft.</u>

@Rs.233.45/Rft Rs. 39220/-

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

Main Building (OPD Block)

Horizontally	1 x2	x7	=	14 Rft.
Horizontally	1 x2	x8	=	16 Rft.
Diagnostic Block (Xray lab & OTS)				
Horizontally	1 x1	x9	=	9 Rft.
Indoor Patient Block (Male & Female Ward)				
Horizontally	1 x1	x9	=	9 Rft.
Gaynee Block				
Horizontally	1 x1	x18	=	18 Rft.
Total				<u>66 Rft.</u>

@Rs.147.30/Rft Rs. 9722/-

- b) On exterior surface (with mastic strip)

Main Building (OPD Block)

Horizontally	1 x2	x47-1/8	=	94 Rft.
Diagnostic Block (Xray lab & OTS)				
Horizontally	1 x1	x11-1/4	=	11 Rft.
Indoor Patient Block (Male & Female Ward)				
Horizontally	1 x1	x11-1/4	=	11 Rft.
Gaynee Block				
Horizontally	1 x1	x10-1/4	=	10 Rft.
Total				<u>126 Rft.</u>

@Rs.155.70/Rft Rs. 19618/-

- 28 Providing embedding 10" (250 mm) wide 1/4" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects.

Main Building (OPD Block)

Horizontally	1 x2	x47-1/8	=	94 Rft.
Diagnostic Block (Xray lab & OTS)				

Horizontally	1 x1	x11-1/4	=	11 Rft.
Indoor Patient Block (Male & Female Ward)				
Horizontally	1 x1	x11-1/4	=	11 Rft.
Gaynee Block				
Horizontally	1 x1	x10-1/4	=	10 Rft.
Total			=	126 Rft.

@Rs.281.25/Rft

Rs. 35438/-

- 29 Providing and laying flooring with China Verona Marble having uniform texture (Spotless) of required size and specified thickness, with adhesive bond over 3/4" thick bedding of (1:2) cement sand mortar i/c the cost of matching sealer, cutting, grinding and chemical polishing complete in all respect as approved and directed by the Engineer Incharge. ii) 3/4" thick (12"x24"/12"x36")

Main Building (OPD Block)

Podium	1 x1	x21-1/2	x12	=	258 Sft.
	1 x1	x21-1/2	x10	=	215 Sft.
Door side	1 x1	x10	x1-1/8	=	11 Sft.
Porch	1 x1	x19	x14	=	266 Sft.
Steps	1 x3	x19	x1-1/8	=	64 Sft.
"	1 x1	x25	x4	=	100 Sft.
Podium	1 x1	x8	x8	=	64 Sft.
Steps	1 x2	x5-1/2	x1-1/8	=	12 Sft.
Podium	1 x1	x8	x6	=	48 Sft.
Steps	1 x3	x6	x1-1/8	=	20 Sft.
Indoor Patient Block (Male & Female Ward)					
Podium	1 x1	x11	x4	=	44 Sft.
Steps	1 x3	x11	x1-1/8	=	37 Sft.
Gaynee Block					
Podium	1 x1	x10	x4	=	40 Sft.
Steps	1 x6	x5	x1-1/8	=	34 Sft.
Total				=	1213 Sft.

@Rs.368.70/Sft

Rs. 447233/-

- 30 Providing and laying 3/8" thick Prepolished Marble skirting /risers having uniform texture (spotless) of size 24"x6" of approved quality and shade withad hesive bond over 3/4" thick (1:2) cement sand mortar complete in all respect i/c the cost of matching sealer to finish the joints as approved and directed by the Engineer Incharge.i) China Verona

Main Building (OPD Block)

Steps	1 x4	x19	x 1/2	=	38 Sft.
"	4 x2	x5-1/2	x 1/2	=	22 Sft.
Steps	1 x4	x6	x 1/2	=	12 Sft.
Indoor Patient Block (Male & Female Ward)					
Steps	1 x4	x11	x 1/2	=	22 Sft.
Gaynee Block					
Steps	1 x6	x5	x 1/2	=	15 Sft.
			Total	=	<u>109 Sft.</u>

@Rs.204.55/Sft

Rs. 22296/-

- 31 Providing and laying 3/4" thick full width Prepolished Marble slab for Vanities/Shelves /Treads/Window Cills, having Uniform texture (Spotless) with adhesive bond over 3/4" thick (1:2) cement sand mortar i/c the cost of matching sealer complete in all respects as approved and directed by the Engineer Incharge. i) China Verona

Main Building (OPD Block)

W2	1 x26	x4	x1-1/2	=	156 Sft.
W4	1 x9	x6	x1-1/2	=	81 Sft.
HW1	1 x10	x4	x1-1/2	=	60 Sft.
HW2	1 x5	x2	x1-1/2	=	15 Sft.
W	1 x4	x4	x1-1/2	=	24 Sft.
Diagnostic Block (Xray lab & OTS etc)					
W1	1 x2	x10	x1-1/2	=	30 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 x7	x4	x1-1/2	=	42 Sft.
Indoor Patient Block (Male & Female Ward)					
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.
Gyenee ward(Comm Wind)	1 x1	x8	x1-1/2	=	12 Sft.
Total				=	744 Sft.

@Rs.412.30/Sft

Rs. 306751/-

32 Preparing surface and painting with emulsion paint:-
2 coats i/c Scraping:- a) White wash or colour wash.

Main Building (OPD Block)

Homopathic room	1 x2	x(12	+13-5/8)	x7	=	359 Sft.
Exam	1 x2	x(5-1/2	+7-1/4)	x7	=	179 Sft.
Disp.	1 x2	x(12	+13-5/8)	x11-1/2	=	589 Sft.
Waiting	1 x2	x(15-1/4	+13-5/8)	x11-1/2	=	664 Sft.
G.Store	1 x2	x(10	+13-5/8)	x7	=	331 Sft.
Treatement	1 x2	x(8	+13-5/8)	x7	=	303 Sft.
Disp.	1 x2	x(14	+13-5/8)	x11-1/2	=	635 Sft.
Waiting	1 x2	x(16	+13-5/8)	x7	=	415 Sft.
Emergency Ward	1 x2	x(16	+13-5/8)	x11-1/2	=	681 Sft.
Speciallist	2 x2	x(12	+13-5/8)	x7	=	718 Sft.
Exam	2 x2	x(5	+7-1/4)	x7	=	343 Sft.
D.Surgeri	1 x2	x(17-3/4	+13-5/8)	x7	=	439 Sft.
Waiting Female	1 x2	x(18	+13-5/8)	x11-1/2	=	727 Sft.
LHV	1 x2	x(11	+13-5/8)	x11-1/2	=	566 Sft.
Demonstration office	1 x2	x(11	+13-5/8)	x11-1/2	=	566 Sft.
WMO	1 x2	x(15	+14)	x7	=	406 Sft.
Exam	1 x2	x(7-1/4	+7-5/8)	x7	=	208 Sft.
World food programe	1 x2	x(10	+14)	x11-1/2	=	552 Sft.
Gynacelogist	1 x2	x(12	+14)	x7	=	364 Sft.
Exam	1 x2	x(5	+7-5/8)	x7	=	177 Sft.
Waiting male	1 x2	x(13-3/4	+14)	x7	=	389 Sft.
Treatement	1 x2	x(10	+14)	x11-1/2	=	552 Sft.
Male M.O	1 x2	x(12	+14)	x7	=	364 Sft.
Exam	1 x2	x(5	+7-5/8)	x7	=	177 Sft.
SMO	1 x2	x(12	+14)	x7	=	364 Sft.
Main Entr.	1 x2	x(19	+14)	x7	=	462 Sft.
M.Superintendent	1 x2	x(16	+14)	x7	=	420 Sft.
Medical store	1 x2	x(12-1/2	+14)	x7	=	371 Sft.
Admin office	1 x2	x(15-5/8	+14)	x11-1/2	=	681 Sft.
Waiting	1 x2	x(15-1/4	+14)	x11-1/2	=	673 Sft.
Disp.	1 x2	x(12	+14)	x11-1/2	=	598 Sft.
Tibb	1 x2	x(12	+14)	x11-1/2	=	598 Sft.
Exam	1 x2	x(5-1/2	+7-5/8)	x11-1/2	=	302 Sft.
Ver	1 x2	x(215-3/8	+7)	x6	=	2669 Sft.
Corridor	1 x2	x(231-5/8	+8)	x7	=	3355 Sft.
Diagnostic Block						
Film store	1 x2	x(8	+8-5/8)	x7	=	233 Sft.
Dark room	1 x2	x(8	+9)	x11-1/2	=	391 Sft.
Nurse station	1 x2	x(8	+12-5/8)	x11-1/2	=	474 Sft.
Store	1 x2	x(8	+5)	x11-1/2	=	299 Sft.
Sterilization	1 x2	x(12	+9-5/8)	x11-1/2	=	497 Sft.
Scrub up	1 x2	x(12	+8)	x11-1/2	=	460 Sft.
Dilevery	1 x2	x(13-5/8	+18)	x11-1/2	=	727 Sft.
Labour room	1 x2	x(16	+13-5/8)	x7	=	415 Sft.
Doctor F.male	1 x2	x(8	+13-5/8)	x7	=	303 Sft.
Plaster room	1 x2	x(10	+13-5/8)	x7	=	331 Sft.
Doctor male	1 x2	x(8	+13-5/8)	x7	=	303 Sft.
Waiting + Lab.	2 x2	x(13-3/4	+13-5/8)	x7	=	767 Sft.
Link passage	1 x2	x(75	+9)	x7	=	1176 Sft.
Ver	1 x2	x(77-3/8	+7)	x6	=	1013 Sft.
Corridor	1 x2	x(90-1/4	+8)	x7	=	1376 Sft.
Link passage	1 x2	x(65	+9)	x7	=	1036 Sft.
Indoor Patient Block						

Nurse station	2 x2	x(11	+12)	x11-1/2	=	1058 Sft.
Linen store	2 x2	x(5-5/8	+6-5/8)	x11-1/2	=	564 Sft.
Store	2 x2	x(5	+12)	x11-1/2	=	782 Sft.
M.O	2 x2	x(10	+15-5/8)	x7	=	718 Sft.
Waiting	1 x2	x(11	+10)	x7	=	294 Sft.
Link	2 x2	x(6	+7-1/4)	x7	=	371 Sft.
2 Beded ward	2 x2	x(12	+19)	x7	=	868 Sft.
Store	2 x2	x(5	+12)	x11-1/2	=	782 Sft.
L.store/paintry	2 x2	x(9	+19)	x11-1/2	=	1288 Sft.
Male/Female ward	4 x2	x(35-5/8	+19)	x7	=	3059 Sft.
Ver	1 x2	x(132-5/8	+7)	x7	=	1955 Sft.
Corridor	1 x2	x(140-3/8	+8)	x7	=	2077 Sft.
Passage	1 x2	x(19-3/4	+11)	x7	=	431 Sft.
Gaynee Block						
Doctor	1 x2	x(10	+16)	x11-1/2	=	598 Sft.
Nursing	1 x2	x(10	+16)	x11-1/2	=	598 Sft.
Nutal Room	1 x2	x(13-3/4	+16)	x11-1/2	=	684 Sft.
Medical store	1 x2	x(21	+16)	x11-1/2	=	851 Sft.
"	1 x2	x(21	+16)	x11-1/2	=	851 Sft.
Ward	1 x2	x(21	+16)	x8	=	592 Sft.
Change	1 x2	x(9-1/2	+7-3/4)	x11-1/2	=	397 Sft.
Scrub up	1 x2	x(9-1/2	+7-3/4)	x11-1/2	=	397 Sft.
Recover	1 x2	x(9-1/2	+16)	x11-1/2	=	587 Sft.
Toilet Block W.C	3 x2	x(4-1/4	+5)	x3	=	167 Sft.
WC	2 x2	x(4-5/8	+5)	x3	=	116 Sft.
Gallery	1 x2	x(3-3/4	+5-3/8)	x3	=	55 Sft.
"	1 x2	x(13-3/4	+5-1/4)	x3	=	114 Sft.
Gallery	1 x2	x(13-3/4	+16)	x5	=	298 Sft.
Link corridor	1 x2	x(33-1/4	+8)	x8	=	660 Sft.
Corridor	1 x2	x(17-1/8	+8)	x8	=	402 Sft.
"	1 x2	x(87-3/4	+10)	x8	=	1564 Sft.
Total						54176 Sft.

Handwritten: 1/2 of 1663 + 2691 = 4354 sq

Handwritten: 1663 + 2691 = 4354 sq

Total

@Rs.2228.60% Sft **4354**
49822

Handwritten: 1110333/-
Rs. 1207366/-

33 Distempering to old surface 2 coats.

Main Building (OPD Block)

Homopathic room	1 x1	x 12	x 13-5/8	=	164 Sft.
Exam	1 x1	x 5-1/2	x 7-1/4	=	40 Sft.
Disp.	1 x1	x 12	x 13-5/8	=	164 Sft.
Waiting	1 x1	x 15-1/4	x 13-5/8	=	208 Sft.
G.Store	1 x1	x 10	x 13-5/8	=	136 Sft.
Treatement	1 x1	x 8	x 13-5/8	=	109 Sft.
Disp.	1 x1	x 14	x 13-5/8	=	191 Sft.
Waiting	1 x1	x 16	x 13-5/8	=	218 Sft.
Emergency Ward	1 x1	x 16	x 13-5/8	=	218 Sft.
Speciallist	2 x1	x 12	x 13-5/8	=	327 Sft.
Exam	2 x1	x 5	x 7-1/4	=	73 Sft.
D.Surgen	1 x1	x 17-3/4	x 13-5/8	=	242 Sft.
Waiting Female	1 x1	x 18	x 13-5/8	=	245 Sft.
LHV	1 x1	x 11	x 13-5/8	=	150 Sft.
Demonstration office	1 x1	x 11	x 13-5/8	=	150 Sft.
WMO	1 x1	x 15	x 14	=	210 Sft.
Exam	1 x1	x 7-1/4	x 7-5/8	=	55 Sft.
World food programe	1 x1	x 10	x 14	=	140 Sft.
Gynacelogist	1 x1	x 12	x 14	=	168 Sft.
Exam	1 x1	x 5	x 7-5/8	=	38 Sft.
Waiting male	1 x1	x 13-3/4	x 14	=	193 Sft.
Treatement	1 x1	x 10	x 14	=	140 Sft.
Male M.O	1 x1	x 12	x 14	=	168 Sft.
Exam	1 x1	x 5	x 7-5/8	=	38 Sft.
SMO	1 x1	x 12	x 14	=	168 Sft.
Main Entr.	1 x1	x 19	x 14	=	266 Sft.
M.Superintendent	1 x1	x 16	x 14	=	224 Sft.
Medical store	1 x1	x 12-1/2	x 14	=	175 Sft.
Admin office	1 x1	x 15-5/8	x 14	=	219 Sft.
Waiting	1 x1	x 15-1/4	x 14	=	214 Sft.
Disp.	1 x1	x 12	x 14	=	168 Sft.
Tibb	1 x1	x 12	x 14	=	168 Sft.

Exam	1 x1	x 5-1/2	x 7-5/8	=	42 Sft.
Ver	1 x1	x 215-3/8	x 7	=	1508 Sft.
Corridor	1 x1	x 231-5/8	x 8	=	1853 Sft.
Diagnostic Block (Xray lab & OTS etc)					
Film store	1 x1	x 8	x 8-5/8	=	69 Sft.
Dark room	1 x1	x 8	x 9	=	72 Sft.
Nurse station	1 x1	x 8	x 12-5/8	=	101 Sft.
Store	1 x1	x 8	x 5	=	40 Sft.
Sterilization	1 x1	x 12	x 9-5/8	=	116 Sft.
Scrub up	1 x1	x 12	x 8	=	96 Sft.
Dilevery	1 x1	x 13-5/8	x 18	=	245 Sft.
Labour room	1 x1	x 16	x 13-5/8	=	218 Sft.
Doctor F.male	1 x1	x 8	x 13-5/8	=	109 Sft.
Plaster room	1 x1	x 10	x 13-5/8	=	136 Sft.
Doctor male	1 x1	x 8	x 13-5/8	=	109 Sft.
Waiting + Lab.	2 x1	x 13-3/4	x 13-5/8	=	375 Sft.
Link passage	1 x1	x 75	x 9	=	675 Sft.
Ver	1 x1	x 77-3/8	x 7	=	542 Sft.
Corridor	1 x1	x 90-1/4	x 8	=	722 Sft.
Link passage	1 x1	x 65	x 9	=	585 Sft.
Indoor Patient Block					
Nurse station	2 x1	x 11	x 12	=	264 Sft.
Linen store	2 x1	x 5-5/8	x 6-5/8	=	75 Sft.
Store	2 x1	x 5	x 12	=	120 Sft.
M.O	2 x1	x 10	x 15-5/8	=	313 Sft.
Waiting	1 x1	x 11	x 10	=	110 Sft.
Link	2 x1	x 6	x 7-1/4	=	87 Sft.
2 Beded ward	2 x1	x 12	x 19	=	456 Sft.
Store	2 x1	x 5	x 12	=	120 Sft.
L.store/paintry	2 x1	x 9	x 19	=	342 Sft.
Male/Female ward	4 x1	x 35-5/8	x 19	=	2708 Sft.
Ver	1 x1	x 132-5/8	x 7	=	928 Sft.
Corridor	1 x1	x 140-3/8	x 8	=	1123 Sft.
Passage	1 x1	x 19-3/4	x 11	=	217 Sft.
Gaynee Block					
Doctor	1 x1	x 10	x 16	=	160 Sft.
Nursing	1 x1	x 10	x 16	=	160 Sft.
Nutal Room	1 x1	x 13-3/4	x 16	=	220 Sft.
Medical store	1 x1	x 21	x 16	=	336 Sft.
"	1 x1	x 21	x 16	=	336 Sft.
Ward	1 x1	x 21	x 16	=	336 Sft.
Change	1 x1	x 9-1/2	x 7-3/4	=	74 Sft.
Scrub up	1 x1	x 9-1/2	x 7-3/4	=	74 Sft.
Recover	1 x1	x 9-1/2	x 16	=	152 Sft.
Toilet Block W.C	3 x1	x 4-1/4	x 5	=	64 Sft.
WC	2 x1	x 4-5/8	x 5	=	46 Sft.
Gallery	1 x1	x 3-3/4	x 5-3/8	=	20 Sft.
"	1 x1	x 13-3/4	x 5-1/4	=	72 Sft.
Gallery	1 x1	x 13-3/4	x 16	=	220 Sft.
Link corridor	1 x1	x 33-1/4	x 8	=	266 Sft.
Corridor	1 x1	x 17-1/8	x 8	=	137 Sft.
"	1 x1	x 87-3/4	x 10	=	878 Sft.
Total					23414 Sft.

@Rs.705.15%/Sft

Rs. 165104/-

- 34 Providing and fixing of lead lining shee 1/8" thick in X-ray room etc complete in all respect as approved by the Engineer Incharge.

Diagnostic Block (Xray lab & OTS etc)

X-ray room	1 x2	x 12-3/8	x 12	=	297 Sft.
"	1 x2	x 17-1/4	x 12	=	414 Sft.
Total					711 Sft.

@Rs.900.00/Sft

Rs. 639900/-

35

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

(a) Cementitious Urethane

(b) Epoxy

(c) Polyurethane ✓

(d) Urethane

Diagnostic Block (Xray lab & OTS etc)

O.Theather	1 x1	x 20-1/2	x 18	=	369 Sft.
Gaynee Block					
O.Theather	1 x1	x 21-3/8	x 18	=	385 Sft.
Total					754 Sft.

@Rs. 800.40/Sft

Rs. 603502/-

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

(b) Bevelled edges & flange 21.5 mm

(iii) 600 mmX 600 mm

Diagnostic Block (Xray lab & OTS etc)

O.Theather	1 x1	x 20-1/2	x 18	=	369 Sft.
Gaynee Block					
O.Theather	1 x1	x 21-3/8	x 18	=	385 Sft.
Total					754 Sft.

@Rs. 103.45/Sft

Rs. 100621/-

- 37 Supply and installation premium graded/scratch-resistant Hygienic anti-microbial Pvc wall cladding of specified thickness duly thermoplastic welded conforming to (ISO:22196) and pasted over 12mm thick gypsum board with adhesive/solvent fixed over 14-SWG G.I Channael of size 3.5"X 2"X3.5" duly screwed on wall i/c the cost of hardwares as approved and directed by the Engineer In-charge (2.5 mm thick)

Diagnostic Block (Xray lab & OTS etc)

O.Theather	1 x2	x(20-1/2	+18)	x12	=	924 Sft.
Gaynee Block						
O.Theather	1 x2	x(21-3/8	+18)	x12	=	945 Sft.
Total						1869 Sft.

@Rs. 193.00/Sft

Rs. 360717/-

- 38 Grouting 4 1/2" (113 mm) dry brick work with cement mortar ratio 1: 5

Main Building (OPD Block)

Over roof Tissue	1 x1	x 216-1/8	x 45-5/8	=	9861 Sft.
	1 x1	x 5-3/4	x 37-1/2	=	216 Sft.
	1 x1	x 10-1/2	x 37-1/2	=	394 Sft.
	1 x1	x 17-1/2	x 14-3/8	=	252 Sft.
	1 x1	x 76-1/2	x 9-3/4	=	746 Sft.

Diagnostic Block (Xray lab & OTS etc)

Over roof Tissue	1 x1	x 76-1/2	x 9-3/4	=	746 Sft.
	1 x1	x 78-1/8	x 8-1/8	=	635 Sft.
	1 x1	x 91	x 18	=	1638 Sft.
	1 x1	x 86	x 9-1/2	=	817 Sft.
	1 x1	x 91	x 14	=	1274 Sft.

Indoor Patient Block

Over roof Tissue	1 x1	x 66-1/2	x 9-3/4	=	648 Sft.
	1 x1	x 133-5/8	x 8-1/8	=	1086 Sft.
	1 x1	x 141-1/8	x 48-1/4	=	6809 Sft.
	1 x2	x 9	x 6-3/4	=	122 Sft.
	1 x2	x 20	x 10	=	400 Sft.

Gaynee Block

Over roof Tissue	1 x1	x 16-1/2	x 8-3/4	=	144 Sft.
	1 x1	x 88-1/2	x 45	=	3983 Sft.
Total					29771 Sft.

@Rs. 1295.00/Sft

Rs. 385534/-

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

Main Building (OPD Block)

	1 x8	=	8 No.
Diagnostic Block (Xray lab & OTS etc)	1 x12	=	12 No.
Indoor Patient Block	1 x14	=	14 No.
Gaynee Block	1 x7	=	7 No.
Total			41 No.

@Rs. 854.35/Each

Rs. 35028/-

ELECTRIC INSTALLATION

MRS, 2nd BI-ANNUAL-2022 (01.07.2022 to 31.12.2022) DISTRICT LAYYAH

THO Chowk Azam				
Provision/Installation of Electrical Equipment.				
S.#		Qty:	Unit	Rate
Amount				
A	L.T. (LV) SUB-STATION EQUIPMENT:			
1	Construction of ELECTRICAL ROOM	1		As per requirement
2	P/F floor mounted Electric Panel board of required depth and size, fabricated with 14SWG M.S sheet (Indoor/Outdoor Type), derusting, zinc Phosphated, finish with electro static powder coating in approved colour i/c the cost of Lock, Indication lights, thimbles, Copper Comb, Wiring, Natural & Earth Bar, glands, Current Transformers of specified capacity, Door Earthing, Brass glands, bus bars, controls complete in all respects as approved and directed by the Engineer Incharge (Breakers will be Paid Separately)			
	MDB			
	(i) LT Switchboards			
	(a) 2.50 Ft deep	45	each	3,438.40
	(i) 250A (3.0x6x2.5')			154728
	Incoming From 630KVA Transformer			
	1 Supplying, Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge	1	each	62,434.30
	(a) Tripole Pole 300A(50 KA) 1*1=1	1	each	39,814.30
	(b) Tripole Pole 200A(36 KA) 1*1=1	1	each	17,434.30
	(c) Tripole Pole 100A(36 KA) 1*1=1			
3	P/F floor mounted Electric Panel board of required depth and size, fabricated with 14SWG M.S sheet (Indoor/Outdoor Type), derusting, zinc Phosphated, finish with electro static powder coating in approved colour i/c the cost of Lock, Indication lights, thimbles, Copper Comb, Wiring, Natural & Earth Bar, glands, Current Transformers of specified capacity, Door Earthing, Brass glands, bus bars, controls complete in all respects as approved and directed by the Engineer Incharge (Breakers will be Paid Separately).			
	MDB-1(For PDBs)			
	Incoming From Transformers			
	(i) LT Switchboards			
	(b) 12" deep	45	each	4,512.80
	(i) 200A (3'x4'x12")			203076
	Incoming breakers for MDB-1			
	1 Supplying, Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.	2	each	62,434.30
	(a) Tripole Pole 200A(36 KA) 1*2=2	2	each	18,094.30
	Outgoing breakers for MDB-1	2	each	18,094.30
	(a) Tripole Pole 150A(36 KA) 1*2=2	2	each	18,094.30
	(b) Tripole Pole 150A(36 KA) 1*2=2			36,188.60
6	P/F wall mounted DB (Distribution Board) made with 16SWG Sheet (Recessed/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights, Thimble, Copper Comb, Wiring, Natural & Earth Bar, Door Earthing, Digital Voltmeter, Digital Ammeter, Volt Selector Switch, Ammeter selector switch, Current Transformers and Controls Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately).			
	PDBs (For OPD)			
	(a) 12" deep	2x9=18	each	13,809.80
	(ii) 150A (3'x3'x12")			248576.4
	Incoming Breakers for PDBs (For OPD)			
	1 Supplying, Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.	4	each	18,094.30
	(a) Tripole Pole 150A(36 KA) (1*4=4)			72377.2
	Outgoing Breakers for PDBs (For OPD)			
	2 Supplying, Installation and commissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / SIEMEN GERMANY/TERASAKI JAPAN/ ABB SWITZERLAND in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.	2	each	11,434.30
	(a) Tripole Pole 63A(10 KA) (1*2=2)	14	each	1,299.95
	(b) Single Pole 32A(10 KA) (7*2=14)	14	each	1,299.95
	(d) Single Pole 16A(10 KA) (7*2=14)			18100.3
7	P/F wall mounted DB (Distribution Board) made with 16SWG Sheet (Recessed/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights, Thimble, Copper Comb, Wiring, Natural & Earth Bar, Door Earthing, Digital Voltmeter, Digital Ammeter, Volt Selector Switch, Ammeter selector switch, Current Transformers and Controls Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately).			
	PDBs (For Male & Female & Peads Wards & Gynai)			
	(a) 12" deep	2x9=18	each	5,146.40
	(ii) 150A (3'x3'x12")			92635.2
	Incoming Breakers for PDBs (For Male & Female & Peads Wards & Gynai)			
	Supplying, Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.	2	each	18,094.30
	(a) Tripole Pole 150A(36 KA) (1*2=2)			36188.6
	Outgoing Breakers for PDBs (For Male & Female & Peads Wards & Gynai)			
	Supplying, Installation and commissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / SIEMEN GERMANY/TERASAKI JAPAN/ ABB SWITZERLAND in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.	2	each	17,434.30
	(a) Tripole Pole 63A(36 KA) (1*2=2)	12	each	1,299.95
	(b) Single Pole 32A(10 KA) (6*2=12)	8	each	1,299.95
	(c) Single Pole 16A(10 KA) (4*2=8)			34868.6
6	P/F wall mounted DB (Distribution Board) made with 16SWG Sheet (Recessed/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights, Thimble, Copper Comb, Wiring, Natural & Earth Bar, Door Earthing, Digital Voltmeter, Digital Ammeter, Volt Selector Switch, Ammeter selector switch, Current Transformers and Controls Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately).			
	PDBs (For Emergency)			
	(a) 12" deep	9	each	13,809.80
	(ii) 150A (3'x3'x12")			124288.2
	Incoming Breakers for PDBs (For Emergency)			
	1 Supplying, Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.			

Total

25 No @ 989.70/Each Rs. 24742/-

S.#		Qty	Unit	Rate	Amount
(a)	Tripple Pole 150A(36 KA) (1*2=2)	2	each	18,094.30	36188.6
	Outgoing Breakers for PDBs (For Emergency)				
2	Supplying, Installation and commissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / SIEMEN GERMANY / TERASAKI JAPAN/ ABB SWITZERLAND in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.				
(a)	Tripple Pole 63A(10 KA) (1*2=2)	2	each	11,434.30	22868.6
(b)	Single Pole 32A(10 KA) (5*2=10)	10	each	1,299.95	12999.5
(d)	Single Pole 16A(10 KA) (5*2=10)	10	each	1,299.95	12999.5
	P/F wall mounted DB (Distribution Board) made with 16SWG Sheet (Recessed/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights, Thimble, Copper Comb, Wiring, Neutral & Earth Bar, Door Earthing, Digital Voltmeter, Digital Ammeter, Volt Selector Switch, Ammeter selector switch, Current Transformers and Controles Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately).				
9					
	LDBs (2 For OPD & 1 For Emergency & 1 for Gynaii & 2 For indoor)				
(a)	6" deep				
(ii)	63A (18"x24"x6")	3 x 1.50 = 4.5	each	18,691.40	84111.3
	Incoming Breakers for LDBs (2 For OPD & 1 For Emergency & 1 for Gynaii & 2 For indoor)				
	Supplying, Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/ SIEMEN/ ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.				
(a)	Tripple Pole 63A(36 KA) (1*8=8)	8	each	17,434.30	139474.4
	Outgoing Breakers for LDBs (2 For OPD & 1 For Emergency & 1 for Gynaii & 2 For indoor)				
	Supplying, Installation and commissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / SIEMEN GERMANY / TERASAKI JAPAN/ ABB SWITZERLAND in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.				
(a)	Single Pole 32A(10 KA) (4*4=16)	16		1,299.95	20799.2
(b)	Single Pole 16A(10 KA) (4*4=16)	16		1,299.95	20799.2
(c)	Single Pole 10A(10 KA) (6*4=24)	24		1,299.95	31198.8
B	LT POWER CABLE.				
1	120 mm sq (37/0.083") PVC insulated, PVC sheathed 4 core, 660/1100 volt non armoured cable (For Transformer)	600	rfi	4,634.45	2780670
2	95 mm sq (37/0.072") PVC insulated, PVC sheathed 4 core, 660/1100 volt non armoured cable (For Transformer)	150	rfi	3,676.95	551542.5
3	70 mm sq (19/0.083") PVC insulated, PVC sheathed 4 core, 660/1100 volt non armoured cable (For Transformer and MIB-1)	200	rfi	2,605.05	521010
4	50 mm sq (19/0.072") PVC insulated, PVC sheathed 4 core, 660/1100 volt non armoured cable (For PDBs)	250	rfi	1,859.25	464812.5
5	7/1.12 mm (7/0.044") PVC insulated, PVC sheathed twin core, 250/440 volts, copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc (For LDBs and ACs)	400	rfi	160.75	64300
6	7/0.91 mm (7/0.036") PVC insulated, PVC sheathed twin core, 250/440 volts, copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc (for Internal Wiring of Hospital)	400	rfi	110.3	44120
7	7/0.74 mm (7/0.029") PVC insulated, PVC sheathed twin core, 250/440 volts, copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc (for Internal Wiring of Hospital)	100	rfi	87	8700
8	3/0.74 mm (3/0.029") PVC insulated, PVC sheathed twin core, 250/440 volts, copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc (for Internal Wiring of Hospital)	100	rfi	43.65	4365
	TOTAL				5915481.3

10.00 No @ 23493.00/Each Rs. 234930/-

14 Supply and erection of SMD light 18Watt etc complete as approved by the Engineer Incharge.

1 x (150)

= 150.00 No

150.00 No @ 2400.00/Each Rs. 360000/-

15 Supply and erection of LED Flood Light 50Watt etc complete as approved by the Engineer Incharge.

1 x (50)

= 50.00 No

50.00 No @ 4500.00/Each Rs. 225000/-

Total.

Rs. 2324057/-

Sub Engineer,

Sub Divisional Officer
Buildings Sub Division
LayyahExecutive Engineer
Buildings Division
Layyah

SANITARY FITTING**MRS, 2nd BI-ANNUAL-2022 (01.07.2022 to 31.12.2022) DISTRICT LAYYAH**

- 1 Providing, fixing, testing and commissioning of μ -PVC (Unplasticized Polyvinyl Chloride) Nikasi/ waste pipe make of Dadex /Popular/Beta or equivalent, plain /socket ended conforming to code EN-1329 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge

4" i/d

Main OPD, Digonast Block, Indoor Block, Gaynee Block.

40 x 33

= ~~1320~~ Rft

Total

= ~~1320~~ Rft @ 260.60

Rs. 208480/-

a) 2" i/d (50 mm) D Class

35 x 10

= 350 Rft

Total

= 350 Rft @ 88.90

Rs. 31115/-

- 2 Providing and installing P.V.C. bends, of B.S.S. i) Class 'B' working pressure:- b) 4" i/d (100 mm)

35 x 3

= 105 No

= ~~105 No @ 543.55/Each~~

Rs. 57073/-

- 3 Providing and installing P.V.C. tees, of B.S.S. i) Class 'B' working pressure:- b) 4" i/d (100 mm)

35 x 3

= 105 No

= ~~105 No @ 1586.00/Each~~

Rs. 166530/-

- 4 Providing and fixing, flushing bend of PVC. i) 3 cm (1 1/4")

1 x 33

= 33 No

= ~~33 No @ 204.65/Each~~

Rs. 6753/-

- 5 Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with foot rest. i) white.

1 x 33

= 33 No

= 33 No @ 2218.30/Each

Rs. 73204/-

- 6 Providing and fitting plastic made low down flushing cistern 1363 litre (3 gallons) capacity, including bracket set, copper connection, etc. complete. i) white.

1 x 33

= 33 No

= 33 No @ 2649.10/Each

Rs. 87420/-

- 7 Providing and fixing chromium plated stop cock, heavy:- ii) 1.5 cm (1/2").

1 x 33

= 33 No

= 33 No @ 775.00/Each

Rs. 25575/-

- 8 Providing and fixing Chromium plated Bib cock 1/2" dia.

1 x 40

= 40 No

= 40 No @ 775.00/Each

Rs. 31000/-

- 9 Providing and fitting glazed earthen ware wash hand basin 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, i- white with pedestal

Vanity Basins

1 x 30

= 30 No

= 30 No @ 7329.95

Rs. 219899/-

- 10 Providing and fixing, floor trap of cast iron, including concrete chamber all round, and C.I. grating:- i) 10x5 cm (4"x2")

1 x 33

= 33 No

= 33 No @ 627.75/Each

Rs.20716/-

- 11 Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe (Dadex/Popular/Beta or equivalent) with specific pressure rating PN (PRESSURE NOMINAL) and conforming to DIN 8077-8078 code i/c cost of solvent, specials, making joints complete in all respects as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned). a) PN-16 pipe (iii) (1") 32 mm

6 x 650

= 3900 Rft

= 3900 Rft @ 93.65/Rft

Rs.365235/-

(ii) (3/4") 25 mm

6 x 650

= 3900 Rft

= 3900 Rft @ 57.95/Rft

Rs.226005/-

- 12 Providing and fixing gun metal peet/gate valve (screwed):- i) 30 mm (1 1/4") dia

1 x 20

= 20 No

= 20 No @ 4762.50/Each

Rs.95250/-

- 13 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 towel rail iv) Plastic shelf 60x13 cm (24"x5") with bracket and railing v) Plastic Brush holder vi) Looking glass with plastic frame vii) Towel ring

1 x 25

= 25 No

= 25 No @ 6600.00/Each

Rs.165000/-

- 14 Providing and fixing P'trape 4" dia glazed.

1 x 33

= 33 No

= 33 No @ 703.10/Each

Rs.23202/-

- 15 Providing and fitting, chromium plated or brass oxidised, swan neck cock 15 mm (1/2") dia. i) single way

1 x 30

= 30 No

= 30 No @ 511.00/Each

Rs.15330/-

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

10 x 300

= 3000 Gln

= 3000 Gln @ 106.60/Gln

Rs.319800/-

17 P/Ejector Pump of specified Suction and Delivery heads, coupled with Single Phase Seimen Electric Motor of require drating for water supply i/c the cost of connection charges, necessary wire, PVC pipes etc complete in all respect as approved and directed by the Engineer Incharge. ii) G-IV (2-1/2"x2") with 2.5 HP Electric Motor, 38-Mtr Suction and 38 M delivery head

1 x 10

= 10 No

= 10 No @ 17905.90/Each Rs.179059/-

18 Boring for tubewell in all types of soil except shingle and rock, from ground level to 100 ft. (30 m) depth, including sinking and withdrawing of casing pipe, complete:- i) 4" i/d (100 mm)

10 x 80

= 800 Rft

Total

800 Rft @ 316.65/Rft Rs.253320/-

19 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. i) 4" i/d (100 mm)

10 x 20

= 200 Rft

Total

200 Rft @ 483.60/Rft Rs.96720/-

20 Providing and installing P.V.C. blind pipe, B.S.S. Class 'D', in tubewell bore hole, including sockets and solvents and jointing with strainer, etc. complete. a) 1 1/4" i/d (30 mm)

10 x 40

= 400 Rft

Total

400 Rft @ 128.90/Rft Rs.51560/-

b) 1 1/2" i/d (40 mm)

10 x 40

= 400 Rft

Total

400 Rft @ 158.25/Rft Rs.63300/-

c) 2" i/d (50 mm)

10 x 40

= 400 Rft

Total

400 Rft @ 230.00/Rft Rs.92000/-

Total

Rs.3222034/-


Say


Rs.3222000/-

1587431

= 1587000


Sub Engineer,


Sub Divisional Officer
Buildings Sub Division
Layyah


Executive Engineer
Buildings Division
Layyah

48

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.

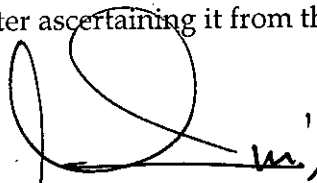
UNIT OF RATE = P-EACH

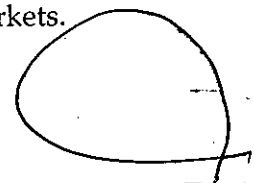
Sr. No:	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE	AMOUNT
A) MATERIAL.					
1	Cost of R.O Water Purification plant	1 No	P-Each	1700000	1700000.00
				TOTAL - A	1700000.00
B) LABOUR					
	Fixing & Carriage Charges				20000.00
	10% SUNDRIES				2000.00
				TOTAL - B	22000.00
G- TOTAL (A+B)					1722000.00
ADD 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 2nd BI-ANNUAL 2022 PERIOD (1st July, 2022 to 31st December, 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
Layyah


Executive Engineer
Buildings Division
Layyah

49

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.

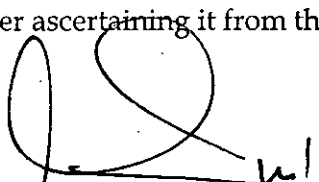
UNIT OF RATE = P-EACH

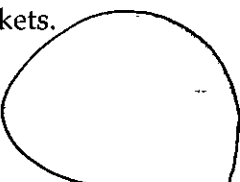
Sr. No:	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE	AMOUNT
A) MATERIAL.					
1	Cost of Chillar	1 No	P-Each	300000	300000.00
				TOTAL - A	300000.00
B) LABOUR					
	Fixing & Carriage Charges				5000.00
	10% SUNDRIES				500.00
				TOTAL - B	5500.00
G- TOTAL (A+B)					305500.00
ADD 11% CONTRACROR'S PROFIT + 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 2nd BI-ANNUAL 2022 PERIOD (1st July, 2022 to 31st December, 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
Layyah


Executive Engineer
Buildings Division
Layyah

DETAILED ESTIMATE FOR EMERGENCY/FIRE ALARM SYSTEM

MRS, 1ST BI-ANNUAL-2022 (01.07.2022 to 31.12.2022) DISTRICT LAYYAH

1 Non Addressable 4 Zone Fire Alarm

Control Panel

Features:

- Advanced algorithms provide analogue detection discrimination
- Surface-mount device (SMD) circuit board

Design

- High immunity against unwanted alarms
- Stable smoke sensing chamber. No adjustment or replacement required
- Sleek low-profile housing design
- Dual LEDs for 360° visibility
- DC 24 V operation
- Convenient 2-wire connection
- Easy installation with simple address setting DIP switches
- Available with 125 usable detector address settings per loop when connected to Numens control and indicating equipment
- Optional remote LED output
- Low maintenance

MAKE: Numens or available brand

1 x (1

)

=

1 No.

Total

1 No. @ 116150.00/Each Rs.116150/-

2 Non Addressable Heat /Smoke Detector

Features:

- Advanced algorithms provide analogue detection discrimination
- Advanced algorithms provide analogue detection discrimination
- Surface-mount device (SMD) circuit board

Design

- High immunity against unwanted alarms
- Stable smoke sensing chamber. No adjustment or replacement required
- 2-wire and 4-wire models for DC 12 V and DC 24 V operation
- 2-wire models available with remote LED output
- Connects to zone monitor for use with addressable control and indicating equipment
- Sleek low-profile housing design
- Dual LEDs for 360° visibility
- Low maintenance

MAKE: Numens or available brand

1 x (30

)

=

30 No.

Total

30 No. @ 6120.00/Each Rs.183600/-

3 Non Addressable Low Profile Base (for Smoke & Heat)

Features:

- Secure mounting to all surfaces
- Flexible mounting pitch
- Low profile and high profile models available
- Cable entry points through the rear for low profile bases
- Cable entry points through the rear or side for high profile bases
- Plated contacts for durable connection to detectors
- Fitted square washer to easy and reliable cable clamping
- Terminals suitable for (0.4 ~ 2.5) mm 2 diameter wiring
- Low maintenance

MAKE: Numens or available brand
1 x (30)

= 30 No
Total 30 No @ 1338.00/Each Rs.40140/-

4 Non Addressable Manual Call Point With LED

Features:

- Pressure activated displacement element provides a safe user experience
- Integral alarm indicator available
- Resettable with simple key operation
- Suitable for indoor use
- Wide operating voltage range
- Compatible with 2-wire and 4-wire fire detection and alarm systems
- Low maintenance

MAKE: Numens or available brand
1 x (9)

= 9 No.
Total 9 No. @ 4800.00/Each Rs.43200/-

5 Non Addressable Sounder

Features:

- Red or white body available for audible alarm device
- Operates when the supply voltage is connected to the device
- 04 No 3,500/- 14,000/-
- Compatible with relay outputs from control and indicating equipment, or from an output module connected to addressable alarm circuit wiring
- DC 24 V operation
- Loud sounder output of 85 dB at 1 m
- Zero current load in quiescent condition
- Low maintenance

MAKE: Numens or available brand
1 x (9)

= 9 No.
Total 9 No. @ 4800.00/Each Rs.43200/-

6 Base, Low Profile 4 Terminal, 99mm, Continuity, Red (For Sounder and Flasher)

1 x (9)

= 9 No.
Total 9 No. @ 2010.00/Each Rs.18090/-

7 Wiring

Supply & Installation of Wiring for with 2 pair Fire Alarm Cable, false ceiling, and open air as per site conditions including cost of all necessary materials duct/pipe & accessories, complete in all respects.

1 x (5000)

= 5000 Rft
Total 5000 Rft @ 108.00/Rft Rs.540000/-

8 Panasonic Programing, Testing &
Commissioning Charges

1 x (1

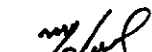
)

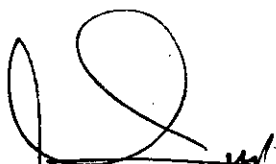
= 1 Job


Total 1 Job @ 120000.00/Each Rs.120000/-

Total. Rs.1104380/-

Say Rs.1104380/-


Sub Engineer,

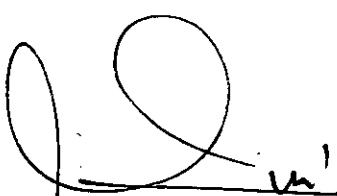

Sub Divisional Officer
Buildings Sub Division
Layyah

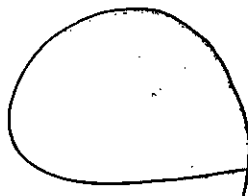

Executive Engineer
Buildings Division
Layyah

(EXTERNAL DEVELOPMENT)**MRS, 2nd BI-ANNUAL-2022 (01.07.2022 to 31.12.2022) DISTRICT LAYYAH****(GENERAL ABSTRACT)**

Sr. No.	Description	Amount
1	Sewer Pipe Line	Rs. 643009.00
2	Man Hole	Rs. 1275255.00
3	Septic Tank.	Rs. 247600.00
4	Collecting Tank	Rs. 694200.00
5	Sludge Pump	Rs. 2175400.00
6	Waster Supply	Rs. 782885.00
Total.		5818349.00
Add: 3% Contingency		174550.00
G.Total.		5992899.00


Sub Engineer,


Sub Divisional Officer
Buildings Sub Division
Layyah


Executive Engineer
Buildings Division
Layyah

DETAILED ESTIMATE FOR THE WORK " (Sewerage System)"

MRS, 2ND BI-ANNUAL-2022 (01.07.2022 to 31.12.2022) DISTRICT LAYYAH

S.No	Description	No	Length	Breadth	Depth	Contents	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

9" dia	1 x	64 x	2 x	3.5 =	448 Cft
12" dia	1 x	704 x	2.5 x	4.5 =	7920 Cft

Total: = 8368 Cft

@ 11,740.40 %Cft 98244

- 2 Providing and laying R.C.C. pipe, moulded with cement Chapter - 8 concrete 1:1½:3, with spigot socket or collar joint, etc. including cost of reinforcement, conforming to B.S. 5911: Part I: 1981, Class "L" including carriage of pipe from Factory to site of work, lowering in trenches to correct alignment and grade, jointing, cutting pipes where necessary, finishing and testing, etc., complete.

i) 12" dia RCC pipe

= 704 Rft
@ 695.6 P.Rft 489702

ii) 9" dia RCC pipe.

= 64 Rft
@ 528.3 P.Rft 33811


- 4 Rehandling of earthwork: Lead upto a single throw of Kassi, phaorah or shovel

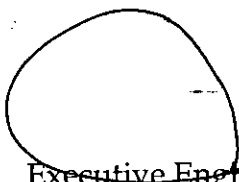
Same as per item No. 1

= 8368 Cft
@ 2,539.70 %Cft 21252

Total: 643009


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Layyah



Executive Engineer
Buildings Division
Layyah

(58)

DETAILED ESTIMATE FOR THE WORK "(Man holes Size 4 ft. * 4 ft.)"
MRS, 1ST BI-ANNUAL-2022 (01.07.2022 to 31.12.2022) DISTRICT LAYYAH

Cost of Man hole						25 Nos
S.N.	Description	No	Length	Breadth	Depth	Contents 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	25 x	5.5 x	5.5 x	4 =	3025 Cft
				@	11,740.40 %Cft	35515
2	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:-1:6:12.	25 x	5.5 x	5.5 x	0.5 =	378 Cft
				@	21060.85 %Cft	79610
3	Pacca brick work other than building upto 10ft. i) cement, sand mortar:-Ratio	50 x	5.5 x	0.75 x	6 =	1238 Sft
		50 x	4 x	0.75 x	6 =	900 Sft
				Total: =	2138 Sft	
				@	24350.15 %Cft	520606
4	Cement plaster 1:4 upto 20' height.	50 x(4 +	4)x	6 =	2400 Sft
				@	3241.6 %Sft	77798
5	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):1:2:4	25 x	4 x	4 x	0.25 =	100 Cft
				@	38126.1 %Cft	38126
6	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- Deformed bars (Grade-40)	175 x	5.5 x	0.667 x	0.4535 =	291 Kg
		200 x	5.5 x	0.667 x	0.4535 =	333 Kg
				Total: =	624 Kg	
				@	31409.15 %Kg	195993
7	Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and other structural members other than those mentioned in 5(a) (i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- (3) Type C (nominal mix 1: 2: 4)	25 x	5.5 x	5.5 x	0.4166 =	315 Cft
				@	457.75 P.Cft	144191
8	Extra for making and finishing benching floor work in manhole chamber, with 1/8" (3 mm) thick cement finish.	25 x	4 x	4 x -	=	400 Sft
				@	2,934.10 %Sft	11736
8	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	25 x		=	25 Nos
				@	6,867.20 Each	171680
				Total: =	1275255	


Sub Engineer


Sub-Divisional Officer
Buildings Sub Division
Layyah


Executive Engineer
Buildings Division

Screening Chamber CONSTRUCTION OF SEPTIC TANK

MRS, 2nd BI-ANNUAL-2022 (01.07.2022 to 31.12.2022) DISTRICT LAYYAH

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

S.tank	1	x 15	x 6-1/4	x 7		=	656 Cft		
					Total		656 Cft		
							@Rs. 11740.40%oCft	Rs. 7702/-	

ii- 7.01 to 15.0' depth

S.tank	1	x 15	x 6-1/4	x 1		=	94 Cft		
					Total		94 Cft		
							@Rs. 16886.55%oCft	Rs. 1587/-	

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

S.tank	1	x 15	x 6-1/4	x 3/4		=	70 Cft		
					Total		70 Cft		
							@Rs. 21060.85%Cft	Rs. 14743/-	

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

S.tank L/W	1	x 2	x 14-1/4	x 1-1/8	x 10	=	321 Sft		
S/W	1	x 2	x 4	x 1-1/8	x 10	=	90 Sft		
	1	x 2	x 4	x 3/4	x 10	=	60 Sft		
					Total		471 Sft		
							@Rs. 30526.30%Sft	Rs. 143779/-	

ii- above 10 to 20' height.

S.tank L/W	1	x 2	x 14-1/4	x 1-1/8	x 1	=	32 Sft		
S/W	1	x 2	x 4	x 1-1/8	x 1	=	9 Sft		
	1	x 2	x 4	x 3/4	x 1	=	6 Sft		
					Total		47 Sft		
							@Rs. 31872.15%Sft	Rs. 14980/-	

4 Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and other structural members other than those mentioned in 5(a) (i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- Type C (nominal mix 1: 2: 4)

S.tank	7	x 5-1/2	x 2	x 1/3		=	25.64 Cft		
					Total		25.64 Cft		
							@Rs. 457.75/Cft	Rs. 11737/-	

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.

Take 6.75/Cft It.No.4	1	x 1	x 25-2/3	x 6.75	x 0.454	=	78.58 Kg		
					Total		78.58 Kg		
							@Rs. 31409.15%Kgs	Rs. 24680/-	


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

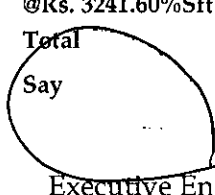
	3	x 4	x 4	x 1/4		=	12.00 Cft		
					Total		12.00 Cft		
							@ 38126.10%Cft	Rs. 4575/-	

7 1/2" thick cement sand plaster on walls upto 20' heights in 1:4

C.M Ratio.									
S.tank	3	x 2	x(4	+4)	x 11	=	528 Sft		
	1	x 2	x(14-1/4	+4)	x 1-1/8	=	41 Sft		
	1	x 2	x(14-1/4	+5-1/2)	x 4	=	158 Sft		
	1	x 2	x 4	x 1-1/8		=	9 Sft		
					Total		736 Sft		
							@Rs. 3241.60%Sft	Rs. 23858/-	
					Total			Rs.247641/-	
					Say			Rs.247600/-	


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Layyah


Executive Engineer
Buildings Division
Layyah

152

CONSTRUCTION OF COLLECTING TANK.
MRS, 1ST BI-ANNUAL-2022 (01.01.2022 to 30.06.2022) DISTRICT LAYYAH

1 Excavation of well in dry upto 20' below G.level and disposal of soil with in one chain in O/Soil. O' to 5' depth.

C.Tank.	1/4	x3.14	x 15	x 15	x 5	=	883 Cft	
						Total	883 Cft	
							@Rs. 7547.95%oCft	Rs. 6665/-

ii- 5.01 to 10' depth

C.Tank.	1/4	x3.14	x 15	x 15	x 5	=	883 Cft	
						Total	883 Cft	
							@Rs. 7883.15%oCft	Rs. 6961/-

ii- 10.01 to 15.0' depth

C.Tank.	1/4	x3.14	x 15	x 15	x 2	=	353 Cft	
						Total	353 Cft	
							@Rs. 8868.55%oCft	Rs. 3131/-

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

C.Tank.	1/4	x3.14	x 15	x 15	x 1/2	=	88 Cft	
						Total	88 Cft	
							@Rs. 21060.85% Cft	Rs. 18594/-

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

C.Tank.	1	x3.14	x 11-1/2	x 1-1/2	x 10	=	542 Cft	
						Total	542 Sft	
<u>Deduction.</u>								
C.Wall	1	x3.14	x 10-3/8	x 3/8	x 10	=	122 Cft	
						Net.	420 Cft	
							@Rs. 30526.30% Cft	Rs. 128210/-

ii- above 10 to 20'height.

C.Tank.	1	x3.14	x 11-1/2	x 1-1/2	x 7	=	379 Cft	
						Total	379 Cft	
<u>Deduction.</u>								
C.Wall	1	x3.14	x 10-3/8	x 3/8	x 7	=	86 Cft	
						Net.	293 Cft	
							@Rs. 31872.15% Cft	Rs. 93385/-

4 Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and other structural members other than those mentioned in 5(a) (i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- Type C (nominal mix 1: 2: 4)

C.Tank.	1	x3.14	x 10-3/8	x 3/8	x 17	=	208 Cft	
	3.14	x13	x 13	x 1/4	x 5/12	=	55 Cft	
						Total	263.00 Cft	
							@Rs. 457.75/Cft	Rs. 120388/-

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.

Take 6.75/Cft It.No.4	1	x 1	x 263	x 6.75	x 0.454	=	805.96 Kg	
						Total	805.96 Kg	
							@Rs. 31409.15%Kgs	Rs. 253146/-

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

C.Tank.	1/4	x3.14	x 10	x 10	x 1/2	=	39 Cft	
						Total	39.00 Cft	
							@ 38126.10% Cft	Rs. 14869/-

7 Providing and fixing 6" thick RCC manhole cover for 22" as per standard Drawing STD/PD No. 06 of 1977, etc complete in all respect.

1 x (1 + 0)	=	1	No.	
Total	=	1	No.	
		@ 6867.20/Each		Rs. 6867/-

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

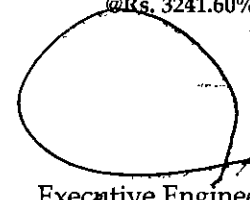
C.Tank.	1	x3.14	x 10	x 17	
	1	x3.14	x 13	x 4-1/2	
				Total	

=	534 Sft
=	184 Sft
=	718 Sft

@Rs. 3241.60%Sft	Rs. 23275/-
Total	Rs.694175/-
Say	Rs.694200/-


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Layyah


Executive Engineer
Buildings Division
Layyah

59

**DEATIED ESTIMATE FOR PROVIDING AND FIXING NON-CLOGGING SLUDGE PUMP 5x4" (1450RPM & 40'head) COUPLED WITH AC ELECTRIC MOTOR 20 BHP.
MRS, 1ST BI-ANNUAL-2022 (01.07.2022 to 31.12.2022) DISTRICT LAYYAH**

S.N	Description	Detail of measurements	Amount
1-	Plain C.conc: i/c placing, compacting, finishing and curing complete 1:2:4 1x4x2-1/2 x 1-1/2	= 15 cft 15 cft	
		@ Rs. 28918.55 %Cft	Rs 4338/-
2-	P/Installing M.S blind pipe socketed/welded joint from M.S reducer where necessary in tube well bore hole I/c jointing/welding with strainer etc. i) 5" dia	40 Rft	
		@ Rs. 1553.55 P-Rft	Rs 62142/-
	ii) 4" dia	30 Rft	
		@ Rs. 830.80 P-Rft	Rs 24924/-
3	S/E of iron/aluminum clad, 500 volts main switches with kit kat fuses, on angle iron board with 1/8" thick M.S sheet covering i/c bonding to earth with necessary flexible wire and thimbles etc. triple pole with neutral link 60/65 Amp:	1 No	
		@ Rs. 4477.25 Each	Rs 4477/-
4	Earthing of iron clad/aluminum switches, etc. with G.I. wire No. 8 SWG in G.I. pipe 15 mm (1/2") dia, recessed or on surface of wall and floor, complete with 1.5 metre long G.I. pipe, 50 mm (2") dia with reducing socket 4 to 5 metre below ground level, and	1 No	
		@ Rs. 9592.45 Each	Rs 19185/-
5	Supply and erection of copper conductor cables for service connection, in prelaidd pipe/G.I. wire/trenches, etc. (rate for cable only):- c) PVC insulated, PVC sheathed 4 core,660/1100 volt armoured cable:- vi) 7/1.63 mm (7/0.064")	300 Rft	
		@ Rs. 1340.70 P-Rft	Rs 402210/-
6	Supply and erection of PVC pipe for wiring recessed in walls, including inspection boxes, pull boxes, hooks, cutting jharries, and repairing surface, etc., complete with all specials. i) 50 mm i/d	10 Rft	
		@ Rs. 183.45 P-Rft	Rs 1835/-
7	Supply and erection of house service pipe Henley (G.I. pipe water quality) or pole type, 50 mm (2") dia, erected to instal insulated overhead line,include shackle insulator for holding insulated wire and straining devices for bearer wire and other	10 Rft	
		@ Rs. 650.05 P-Rft	Rs 6501/-
8	Supply and erection of stay for house service pipe, erected with straining screws and 7/14" stay wire, complete.	15 Rft	
		@ Rs. 62.10 P-Rft	Rs 932/-
9	Supply and erection of G.I. wire of all sizes, including binding wire No. 16 SWG for support of rubber wire or earthing wire. pole to pole etc.	1 Kg	
		@ Rs. 312.85 P.Kg	Rs 313/-

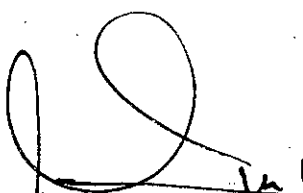
10 Cost of sullage Pump Non-Colloging Horizomatal centrifugal pump 5"x4"(1450RPM & Head 40Ft) (KSB/PECO) duly coupled with AC Electric motor (20 BHP Siemen) i/c all accessories as approved by the Engineer Incharge

1 Set
1 set

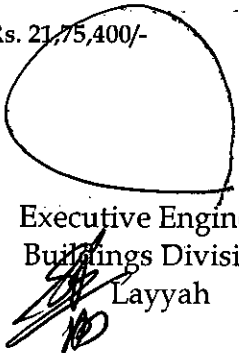
@ Rs. Detail Attached Rs 1648500/-

Total -B = Rs. 2175357/-


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Layyah

Say Rs. 21,75,400/-


Executive Engineer
Buildings Division
Layyah

6

PROVIDING AND FIXING NON-CLOGGING SLUDGE PUMP 5x4" (1450RPM & 40'head)
COUPLED WITH AC ELECTRIC MOTOR 20 BHP.

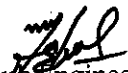
MRS, 2nd BI-ANNUAL-2022 (01.07.2022 to 31.12.2022) DISTRICT LAYYAH

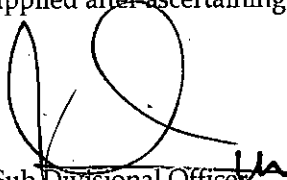
- 1 P/fixing sulladge Pump Non-Colloging
 Horizomatal centrifugal pump
 5"x4"(1450RPM & Head 40Ft)
 (KSB/PECO) duly coupled with AC
 Electric motor (20 BHP Siemen) i/c all
 acessories as approved by the Engineer
 Incharge

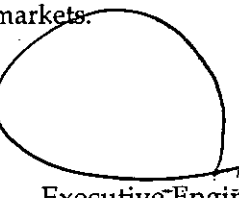
-	-	-	=	1 Job
Non Schedule	@	1570000	P.Job	1570000
			Total-	1570000
		Add 5 % Contractor's Profit: =	1570000	78500
			G. Total:	1648500
			Say	1648500

CERTIFICATE

i) Certified that rates for items at serial No. 1 Are not available on the Website of Finance Department for the MRS, 1ST BI-ANNUAL-2022 (01.07.2022 to 31.12.2022) DISTRICT LAYYAH and as such the rate of Rs: 1648500/- has been applied after ascertaining it from the markets.


 Sub Engineer


 Sub Divisional Officer
 Buildings Sub Division
 Layyah


 Executive Engineer
 Buildings Division
 Layyah

DETAIL OF RECOVERY STATEMENT.

M.R.S 2nd BI-ANNUAL-2022 (1ST July TO 31st December 2022) DISTRICT LAYYAH.

1(a) Old kallar eaten Bricks (unservicable)

Received Qty of items No -1	104 Cft.			
Taken 70% Nos of Bricks	$\frac{104 \text{ Cft.} \times 70}{100}$	$\frac{x1350}{100}$	= 983 No.	@ Rs.4500.00%0 No. Rs.4424/-

2 Old kallar eaten Bricks Batts (unservicable)

Received Qty of items No above	104 Cft.			
Taken 30%	$\frac{104 \text{ Cft.} \times 30}{100}$		= 31 Cft.	@ Rs.1050.00%Cft. Rs.326/-

3 Old wooden Door (Broken and unservicable)

Main Building (OPD Block)

D5	1 x6	x3-1/4	x6-7/8	= 134 Sft.
D6	1 x3	x2-3/4	x6-7/8	= 57 Sft.
D7	1 x6	x2-3/4	x6-1/2	= 107 Sft.

Diagnostic Block (Xray lab & OTS etc)

D3	1 x2	x3-1/4	x6-7/8	= 45 Sft.
D4	1 x3	x3	x6-7/8	= 62 Sft.
D5	1 x1	x2	x6-7/8	= 14 Sft.
D6	1 x4	x2-1/4	x7	= 63 Sft.

Indoor Patient Block (Male & Female Ward)

D3	1 x1	x3-1/4	x6-7/8	= 22 Sft.
D4	1 x2	x2-3/4	x6-7/8	= 38 Sft.
D5	1 x1	x2	x6-7/8	= 14 Sft.
D6	1 x10	x2-1/4	x7	= 158 Sft.

Gaynee Block

D4	1 x5	x2-1/2	x7	= 88 Sft.
----	------	--------	----	-----------

Total.	= 802 Sft.	@ Rs.150.00/Sft.	Rs.120300/-
---------------	------------	------------------	-------------

4 Old steel windows (Broken and unservicable)

Main Building (OPD Block)

W2	1 x26	x4	x5-1/2	= 572 Sft.
W4	1 x9	x6	x5-1/2	= 297 Sft.
HW1	1 x10	x4	x3	= 120 Sft.
HW2	1 x5	x2	x2	= 20 Sft.
W	1 x4	x4	x5-1/2	= 88 Sft.

Diagnostic Block (Xray lab & OTS etc)

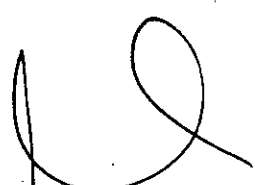
W1	1 x2	x10	x5-1/2	= 110 Sft.
W2	1 x2	x8	x11	= 176 Sft.
W3	1 x2	x6	x5-1/2	= 66 Sft.
W4	1 x9	x4	x5-1/2	= 198 Sft.
HW1	1 x7	x4	x4	= 112 Sft.


Indoor Patient Block (Male & Female Ward)

W4	1 x22	x4	x5-1/2	= 484 Sft.
W2	1 x2	x8	x11	= 176 Sft.
HW1	1 x12	x4	x4	= 192 Sft.
Gyenee ward(Comm Wind)	1 x1	x8	x10	= 80 Sft.

Total.	= 2691 Sft.	@ Rs.150.00/Sft.	Rs.403650/-
		Total	Rs.528700/-


SUB ENGINEER


SUB DIVISIONAL OFFICER
BUILDINGS SUB DIVISION
LAYYAH


EXECUTIVE ENGINEER
BUILDINGS DIVISION
LAYYAH

(64)

**ANALYSIS OF RATE FOR PROVIDING AND FIXING OF X.RAY LEAD LINNING
SHEET ROLLED ETC COMPLETE IN ALL RESPECT AS APPROVED BY THE
ENGINEER INCHARGE**

Take 8x4=32 Sft for analysis purpose.

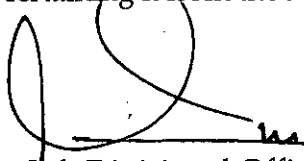
UNIT OF RATE = P-Sft

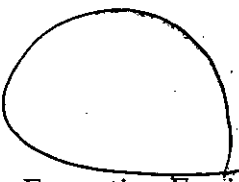
Sr. No:	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE	AMOUNT
A) MATERIAL.					
1	Cost of X-ray Lead Linning Sheet Rolled	32 Sft	P.Sft	734.00	23488.00
TOTAL - A					23488.00
B) LABOUR					
	Fixing & Carriage Charges				500.00
TOTAL - B					500.00
G- TOTAL (A+B)					23988.00
ADD 20% CONTRACROR'S PROFIT + OVER HEAD CHRAGES					4797.6
OVER ALL TOTAL					28785.60
RATE PER EACH = $\frac{28786}{32}$				899.6	
Say Rs:				900/- P.Sft	

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 July, 2022 TO 31st December, 2022) DISTRICT LAYYAH as such the rate of Rs: 900/- has been applied after ascertaining it from the markets.


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Layyah


Executive Engineer
Buildings Division
Layyah

PROVIDING AND FIXING ANTIMICROBIAL/ANTISTATIC TILE OPERATION THEATOR LAID OVER 3/4" THICK CEMENT PLASTER IN 1:2 C.M ETC COMPLETE IN ALL RESPECT AS APPROVED BY THE ENGINEER INCHARGE

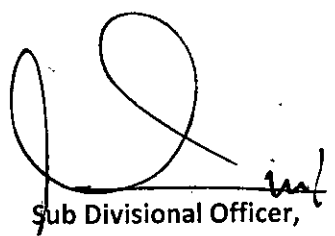
	Unit	P.Sft	
	Take size for analysis	Per Sft	
1 Cost of Antistatic tile	=	1 Sft	
Add: 5% Wastage	=	0.05 Sft	
	Total	1.05 Sft	
	@ 496	P.Sft	521
2 3/4" thick cement sand plaster in 1:2 C.M upt 20' heights	=	1 Sft	
	Total	1 Sft	
	@ 3630.60	%Sft	36
3 Carriage from Lahore to site of work	Lump Sum		50
4 Labour for fixing	Lump Sum		60
		Total	667
	Add 20% contractor's profit		133.4
		Total	800.4
		Say	800

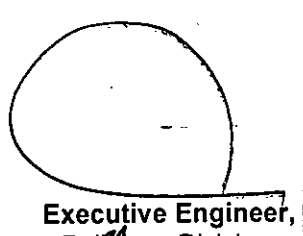
CERTIFICATE

I) certified that input rate of material and labour for item at Sr. No Nil Are as per input rates displayed on Website of Finance Department for the 2nd Biannual 2022

ii) Certified that rates for items at serial No.1,2,3 Are not avilable on the Website of Finance Department for the 2nd Biannual 2022 such the rate of Rs. 800/- has been applied after ascetaining it from the markest.


SUB ENGINEER


Sub Divisional Officer,
Buildings Sub Division
Layyah


Executive Engineer,
Buildings Division,
Layyah

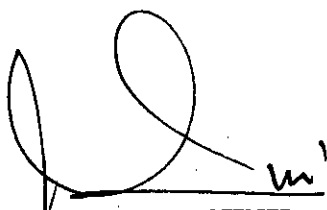
ANALYSIS OF RATE FOR PROVIDING AND FIXING ANTIMICROBIAL PVC WALL PANELLING I/C COST OF NAILS "U" TYPE GOLA ETC COMPLETE IN ALL RESPECT AND AS APPROVED BY THE ENGINEER INCHARGE.

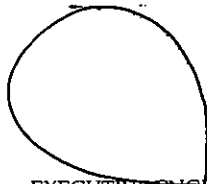
S.No	Description	No	Length	Breadth	Depth	Contents	Amount
A MATERIAL							
i)	Cost of PVC Wall panneling (Sheet size 10x9.50)	4.80 x	1 x	9.5	=	37.98 Sft	
	Add 5% wastage.				=	1.90 Sft	
					Total	=	39.88 Sft
					@	97	P Sft 3868
ii)	Screws/ Nails with rowel plugs				Lum Sum		475
iii)	PVC Gola 3/4" wide	1 x	2 x	9.5	=	19.00 Rft	
		1 x	2 x	4	=	8.00 Rft	
	Add 5% wastage.				=	1.35 Rft	
					Total	=	28.35 Rft
					@	15	P Rft 425
B LABOUR							
i)	Carpenter				=	0.5	
					@	1250	P.Sft 625
ii)	Un-Skilled Coolie.				=	0.75	
					@	962	P.Sft 722
					Total:		6115
	Add 20% Contractor's profit + O.H.C				6115		1223
					Total:Rs		7338
Rate Per Sft = $\frac{7338}{38} = 193.105$							
Say Rs: = 193							

CERTIFICATE

i) Certified that input rate of material and labour for item at Sr. and labour rate at Sr. No. Are as per input rates displayed on Website of Finance Department for the MRS, 2nd BI-ANNUAL-2022 (01.07.2022 to 31.12.2022) DISTRICT LAYYAH as such the rate of **Rs: 193/-** has been applied after ascertaining it from the markets.


SUB ENGINEER


SUB DIVISIONAL OFFICER
BUILDINGS SUB DIVISION-1
LAYYAH


EXECUTIVE ENGINEER
BUILDINGS DIVISION
LAYYAH

67

**ANALYSIS OF RATE FOR PROVIDING AND FIXING OF BRACKET FAN 18" SWEEP
OF APPROVED FIRM GFC/PAK/YOUNIS ETC COMPLETE IN ALL RESPECT AS
APPROVED BY THE ENGINEER INCHARGE**

Take 1 NO for analysis purpose.

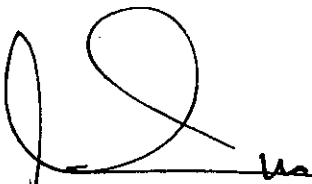
UNIT OF RATE = P-EACH

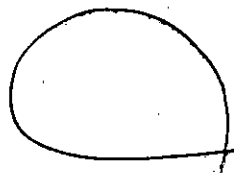
Sr. No:	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE	AMOUNT
A) MATERIAL.					
1	Cost of Bracket Fan	1 No	P-Each	5800.00	5800.00
				TOTAL - A	5800.00
B) LABOUR					
	Fixing Charges			—	200.00
				TOTAL - B	200.00
G- TOTAL (A+B)					6000.00
ADD 20% CONTRACROR'S PROFIT + OVER HEAD CHRAGES					1200
OVER ALL TOTAL					7200.00
RATE PER EACH = $\frac{7200}{1}$				7200.0	
Say Rs:				7200/- 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 MRS, 2nd BI-ANNUAL-2022 (1st July-2022 to 31st December-2022) DISTRICT LAYYAH as such the rate of Rs: 7200/- has been applied after ascertaining it from the markets.


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Layyah


Executive Engineer
Buildings Division
Layyah

**ANALYSIS OF RATE FOR PROVIDING AND FIXING OF LED 18 WATT ETC
COMPLETE IN ALL RESPECT AS APPROVED BY THE ENGINEER INCHARGE**


Take 1 NO for analysis purpose.


UNIT OF RATE = P-EACH

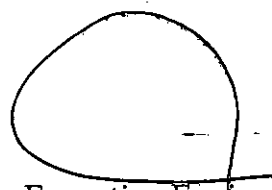
Sr. No:	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE	AMOUNT
A) MATERIAL.					
1	Cost of LED 18 Watt	1 No	P-Each	508.00	508.00
				TOTAL - A	508.00
B) LABOUR					
	Fixing Charges				50.00
				TOTAL - B	50.00
G- TOTAL (A+B)					558.00
ADD 20% CONTRACROR'S PROFIT + OVER HEAD CHRAGES					111.6
OVER ALL TOTAL					669.60
RATE PER EACH = $\frac{669.6}{1}$				669.6	
Say Rs: 670/- 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 MRS; 2nd BI-ANNUAL-2022 (1st July-2022 to 31st December-2022) DISTRICT LAYYAH as such the rate of Rs: 670/- has been applied after ascertaining it from the markets.


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Layyah


Executive Engineer
Buildings Division
Layyah

ANALYSIS OF RATE FOR PROVIDING AND FIXING OF SMD 18 WATT ETC
COMPLETE IN ALL RESPECT AS APPROVED BY THE ENGINEER INCHARGE


Take 1 NO for analysis purpose.
UNIT OF RATE = P-EACH

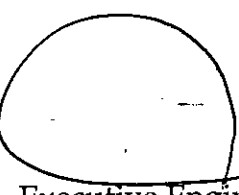
Sr. No:	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE	AMOUNT
A) MATERIAL.					
1	Cost of SMD 18 Watt	1 No	P-Each	1800.00	1800.00
				TOTAL - A	1800.00
B) LABOUR					
	Fixing Charges				200.00
				TOTAL - B	200.00
G- TOTAL (A+B)					2000.00
ADD 20% CONTRACROR'S PROFIT + OVER HEAD CHRAGES					400
OVER ALL TOTAL					2400.00
RATE PER EACH = $\frac{2400}{1}$				2400.0	
Say Rs::				2400/- 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 MRS, 2nd BI-ANNUAL-2022 (1st July-2022 to 31st December-2022) DISTRICT LAYYAH as such the rate of Rs: 2400/- has been applied after ascertaining it from the markets.


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Layyah


Executive Engineer
Buildings Division
Layyah

L70

**ANALYSIS OF RATE FOR PROVIDING AND FIXING OF LED FLOOD/SEARCH
LIGHT 50 WATT ETC COMPLETE IN ALL RESPECT AS APPROVED BY THE
ENGINEER INCHARGE**

Take 1 NO for analysis purpose.

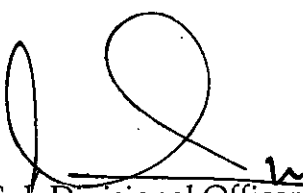
UNIT OF RATE = P-EACH


Sr. No:	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE	AMOUNT
A) MATERIAL.					
1	Cost of LED Flood/Search light 50 Watt	1 No	P-Each	4725.00	4725.00
				TOTAL - A	4725.00
B) LABOUR					
	Fixing Charges				150.00
				TOTAL - B	150.00
G- TOTAL (A+B)					4875.00
ADD 20% CONTRACROR'S PROFIT + OVER HEAD CHRAGES					975
OVER ALL TOTAL					5850.00
RATE PER EACH = $\frac{5850}{1}$				5850.0	
Say Rs:				5850/- 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 MRS, 2nd BI-ANNUAL-2022 (1st July-2022 to 31st December-2022) DISTRICT LAYYAH as such the rate of Rs: 5850/- has been applied after ascertaining it from the markets.


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Layyah


Executive Engineer
Buildings Division
Layyah

ANALYSIS OF RATE FOR THE ITEM PROVIDING AND FIXING OF EMERGENCY ALARM SYSTEM/FIRE ALARM SYSTEM COMPONENT

- Non Addressable 4 Zone Fire Alarm Control Panel**
Features: Advanced algorithms provide analogue detection discrimination · Surface-mount device (SMD) circuit board Design · High immunity against unwanted alarms · Stable smoke sensing chamber. No adjustment or replacement required · Sleek low-profile housing design · Dual LEDs for 360° visibility · DC 24 V operation · Convenient 2-wire connection · Easy installation with simple address setting DIP switches · Available with 125 usable detector address settings per loop when connected to Numens control and indicating equipment · Optional remote LED output · Low maintenance MAKE: Numens or available brand

etc complete in all respect as approved by the Engineer Incharge.

Take 1 No for analysis purpose.


UNIT OF RATE = P-EACH

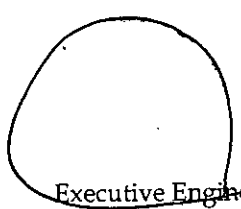
Sr. No:	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE	AMOUNT
A) MATERIAL.					
1	Market Cost of above mentioned Item.	1 No	P-Each	115000.00	115000.00
				TOTAL - A	115000.00
ADD 20% CONTRACROR'S PROFIT + FIXING CHRAGES ETC					23000
OVER ALL TOTAL					138000.00
RATE PER EACH = $\frac{138000}{1}$				138000.0	
Say Rs:=				138000/- 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 MRS, 2nd BI-ANNUAL-2022 (01.07.2022 to 31.12.2022) DISTRICT LAYYAH as such the rate of Rs: 138000/- has been applied after ascertaining it from the markets.


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Layyah


Executive Engineer
Buildings Division
Layyah

ANALYSIS OF RATE FOR THE ITEM PROVIDING AND FIXING OF EMERGENCY ALARM SYSTEM/FIRE ALARM SYSTEM COMPONENT

Non Addressable Heat /Smoke Detector

Features:

- Advanced algorithms provide analogue detection discrimination
- Advanced algorithms provide analogue detection discrimination
- Surface-mount device (SMD) circuit board Design
- High immunity against unwanted alarms
 - Stable smoke sensing chamber. No adjustment or replacement required
- 2-wire and 4-wire models for DC 12 V and DC 24 V operation
- 2-wire models available with remote LED output
- Connects to zone monitor for use with addressable control and indicating equipment
- Sleek low-profile housing design
 - Dual LEDs for 360° visibility
 - Low maintenance

MAKE: Numens or available brand

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	Market Cost of above mentioned Item.	1 No	P-Each	5100.00	5100.00
				TOTAL - A	5100.00
ADD 20% CONTRACROR'S PROFIT + FIXING CHRAGES ETC					1020
OVER ALL TOTAL					6120.00
RATE PER EACH = $\frac{6120}{1}$				6120.0	
Say Rs:=				6120/- 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 MRS, 2nd BI-ANNUAL-2022 (01.07.2022 to 31.12.2022) DISTRICT LAYYAH as such the rate of Rs: 6120/- has been applied after ascertaining it from the markets.

Sub Engineer

Sub Divisional Officer
Buildings Sub Division
Layyah

Executive Engineer
Buildings Division
Layyah

(73)

**ANALYSIS OF RATE FOR THE ITEM PROVIDING AND FIXING OF EMERGENCY ALARM
SYSTEM/FIRE ALARM SYSTEM COMPONENT**

**Non Addressable Low Profile Base (for
Smoke & Heat)**

Features:

- Secure mounting to all surfaces
- Flexible mounting pitch
- Low profile and high profile models available
- Cable entry points through the rear for low profile bases
- Cable entry points through the rear or side for high profile bases
- Plated contacts for durable connection to detectors
- Fitted square washer to easy and reliable cable clamping
- Terminals suitable for (0.4 ~ 2.5) mm 2 diameter wiring
- Low maintenance

MAKE: Numens or available brand

etc complete in all respect as approved by the Engineer Incharge.

Take 1 No for analysis purpose.

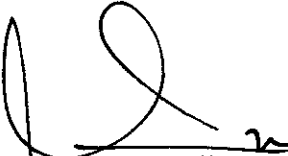
UNIT OF RATE = P-EACH

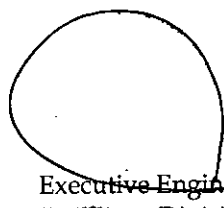
Sr. No:	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE	AMOUNT
A) MATERIAL.					
1	Market Cost of above mentioned Item.	1 No	P-Each	1115.00	1115.00
				TOTAL - A	1115.00
ADD 20% CONTRACROR'S PROFIT + FIXING CHRAGES ETC					223
OVER ALL TOTAL					1338.00
RATE PER EACH = $\frac{1338}{1}$				1338.0	
Say Rs:=				1338/- 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 MRS, 2nd BI-ANNUAL-2022 (01.07.2022 to 31.12.2022) DISTRICT LAYYAH as such the rate of Rs: 1338/- has been applied after ascertaining it from the markets.


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Layyah


Executive Engineer
Buildings Division
Layyah

ANALYSIS OF RATE FOR THE ITEM PROVIDING AND FIXING OF EMERGENCY ALARM SYSTEM/FIRE ALARM SYSTEM COMPONENT

Non Addressable 4 Zone Fire Alarm Control Panel

Features:

- Advanced algorithms provide analogue detection discrimination
 - Surface-mount device (SMD) circuit board Design
 - High immunity against unwanted alarms
 - Stable smoke sensing chamber. No adjustment or replacement required
 - Sleek low-profile housing design
 - Dual LEDs for 360° visibility
 - DC 24 V operation
 - Convenient 2-wire connection
 - Easy installation with simple address setting DIP switches
 - Available with 125 usable detector address settings per loop when connected to Numens control and indicating equipment
 - Optional remote LED output
 - Low maintenance
- MAKE: Numens or available brand

etc complete in all respect as approved by the Engineer Incharge.

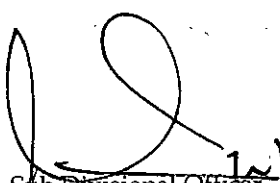
Take 1 No for analysis purpose.
UNIT OF RATE = P-EACH

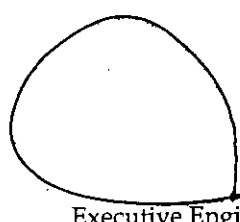
Sr. No:	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE	AMOUNT
A) MATERIAL.					
1	Market Cost of above mentioned Item.	1 No	P-Each	4000.00	4000.00
				TOTAL - A	4000.00
ADD 20% CONTRACROR'S PROFIT + FIXING CHRAGES ETC					800
OVER ALL TOTAL					4800.00
RATE PER EACH = $\frac{4800}{1}$				4800.0	
Say Rs:=				4800/- 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 MRS, 2nd BI-ANNUAL-2022 (01.07.2022 to 31.12.2022) DISTRICT LAYYAH as such the rate of Rs: 4800/- has been applied after ascertaining it from the markets.


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Layyah


Executive Engineer
Buildings Division
Layyah

(75)

**ANALYSIS OF RATE FOR THE ITEM PROVIDING AND FIXING OF EMERGENCY ALARM
SYSTEM/FIRE ALARM SYSTEM COMPONENT**

**Non Addressable 4 Zone Fire Alarm
Control Panel**

Features:

- Advanced algorithms provide analogue detection discrimination
- Surface-mount device (SMD) circuit board Design
- High immunity against unwanted alarms
- Stable smoke sensing chamber. No adjustment or replacement required
- Sleek low-profile housing design
 - Dual LEDs for 360° visibility
 - DC 24 V operation
- Convenient 2-wire connection
- Easy installation with simple address setting DIP switches
- Available with 125 usable detector address settings per loop when connected to Numens control and indicating equipment
- Optional remote LED output
- Low maintenance

MAKE: Numens or available brand

etc complete in all respect as approved by the Engineer Incharge.

Take 1 No for analysis purpose.

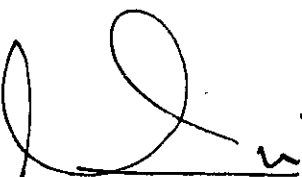
UNIT OF RATE = P-EACH

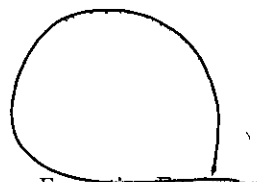
Sr. No:	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE	AMOUNT
A) MATERIAL.					
1	Market Cost of above mentioned Item.	1 No	P-Each	4000.00	4000.00
TOTAL - A					4000.00
ADD 20% CONTRACROR'S PROFIT + FIXING CHRAGES ETC					800
OVER ALL TOTAL					4800.00
RATE PER EACH = $\frac{4800}{1}$				4800.0	
Say Rs:=				4800/- 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 MRS, 2nd BI-ANNUAL-2022 (01.07.2022 to 31.12.2022) DISTRICT LAYYAH as such the rate of Rs: 4800/- has been applied after ascertaining it from the markets.


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Layyah


Executive Engineer
Buildings Division
Layyah

**ANALYSIS OF RATE FOR THE ITEM PROVIDING AND FIXING OF EMERGENCY ALARM
SYSTEM/FIRE ALARM SYSTEM COMPONENT**

Base, Low Profile ,4 Terminal, 99mm ,
Continuity, Red (For
Sounder and Flasher)

etc complete in all respect as approved by the Engineer Incharge.

Take 1 No for analysis purpose.


UNIT OF RATE = P-EACH

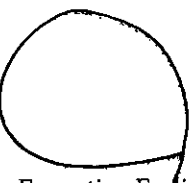
Sr. No:	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE	AMOUNT
A) MATERIAL.					
1	Market Cost of above mentioned Item.	1 No	P-Each	1675.00	1675.00
TOTAL - A					1675.00
ADD 20% CONTRACROR'S PROFIT + FIXING CHRAGES ETC					335
OVER ALL TOTAL					2010.00
RATE PER EACH = $\frac{2010}{1}$				2010.0	
Say Rs:=				2010/- 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 MRS, 2nd BI-ANNUAL-2022 (01.07.2022 to 31.12.2022) DISTRICT LAYYAH as such the rate of Rs: 4800/- has been applied after ascertaining it from the markets.


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Layyah


Executive Engineer
Buildings Division
Layyah

ANALYSIS OF RATE FOR THE ITEM PROVIDING AND FIXING OF EMERGENCY ALARM SYSTEM/FIRE ALARM SYSTEM COMPONENT

Wiring

Providing & Installation of Wiring for with 2 pair Fire Alarm Cable , false ceiling, and open air as per site conditions including cost of all necessary materials duct/pipe & accessories,

etc complete in all respect as approved by the Engineer Incharge.

Take 1 Rft for analysis purpose.


UNIT OF RATE = P-RFT


Sr. No:	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE	AMOUNT
A) MATERIAL.					
1	Market Cost of above mentioned Item.	1 No	P-Each	90.00	90.00
				TOTAL - A	90.00
ADD 20% CONTRACROR'S PROFIT + FIXING CHRAGES ETC					18
OVER ALL TOTAL					108.00
RATE PER RFT = $\frac{108}{1}$				108.0	
Say Rs: =				108/- P.RFT	

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 MRS, 2nd BI-ANNUAL-2022 (01.07.2022 to 31.12.2022) DISTRICT LAYYAH as such the rate of Rs: 108/- has been applied after ascertaining it from the markets.


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Layyah


Executive Engineer
Buildings Division
Layyah

(78)

**ANALYSIS OF RATE FOR THE ITEM OF EMERGENCY ALARM SYSTEM/FIRE ALARM
SYSTEM COMPONENT**

Panasonic Programing, Testing &
Commissioning Charges

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	Market Cost of above mentioned Item.	1 No	P-Each	100000.00	100000.00
				TOTAL - A	100000.00
ADD 20% CONTRACROR'S PROFIT ETC					20000
OVER ALL TOTAL					120000.00
RATE PER EACH = $\frac{120000}{1}$				120000.0	
Say Rs:=				120000/- 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 MRS, 2nd BI-ANNUAL-2022 (01.07.2022 to 31.12.2022) DISTRICT LAYYAH as such the rate of Rs: 120000/- has been applied after ascertaining it from the markets.


Sub Engineer


Sub Divisional Officer
Buildings Sub Division
Layyah


Executive Engineer
Buildings Division
Layyah

Executive Engineer
Buildings Division
Layyah

Quotation

NON CLOGGING CENTRIFUGAL PUMP

Your Reference	Telephonic
Date	19.07.22
Item Number Item	01

Quotation #	MEA	12738 (2)
Quantity	01	Date
		19.07.22

We thank you for your above enquiry/order and are pleased to submit our offer/order confirmation subject to our general conditions for Sales and Supply of equipment contained in form 86 FT-04 (REV-2007) attached.

TECHNICAL PART
Pump Data

COMMERCIAL PART
Price Basis

Pump Type	KWPK	100-250
Liquid handled	Waste water	
Flow rate	1.5 Cusec	
Pump total head	40 ft	
Speed	1450 rpm	
Specific Gravity	1.1	
Viscosity / PH Value		
Pump Input		
Electric Motor Rating	20	HP
NPSH Required		
Impeller diameter / Type		
Suction Flange I.D.	5	inch
Delivery Flange I.D.	4	inch
Flange Standard	BS Table 10 D	
Shaft Seal	Gland Pack	
Coupling Type		

Ex.	Your site.
Delivery Time	08-08 Weeks after receipt of firm order
Validity	30 days
Terms of Payment	50% advance & balance before delivery

Shipping	Space	Gross Wt	Nett Wt

Scope of Supply

01 NO. Horizontal Sludge Pump

Supply of Pump Type KWP 100-250 with FIP coupled with Siemens 20 HP/4P Electric Motor on base frame including MCU-ASD-20 KSB Make Packing & Transportation

Driver	NA	0
Make/Type	Siemens	Rated Speed 1450
Protection	IP55	Rated Output 20
Insulation Cls	F	Voltage 400
Ambient Temp	40 C	Phase 3
Enclosure		Cycle/Sec 50 HZ

<u>Material</u> GG-25			
Part	Material	Part	Material
Pump Casing	GG-25	Shaft	C45 N
Impeller	GG-25	Necked Bush	GG-25
Discharge Co	GG-25	Seal Cage	
S.P Sleeve	1.4138	Spider	Cast iron
S.B Gland	Cast iron	Throat bush	Cast iron

Price Per Unit including G.S.T @17%

Rs. 1,570,000/-

for KSB Pumps Company Limited

Sales Department

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

[Signature]
S/E

Sub Divisional Officer
Buildings Sub Division
LAYYAH

Executive Engineer
Building Division
LAYYAH

KSB PUMPS COMPANY LIMITED: Regional Sales Office: Ground Floor, Golden Heights Plaza, Nusrat Road, Multan Cantt.
UAN: +92-61-111-572-786 · Tel: +92-61-4541983-84 · Fax: +92-61-4541784 · Email: ksbmul@ksb.com.pk · www.ksb.com.pk

WORKS: Hazara Road, Hassanabdal, Pakistan · Tel: +92-57-2520236 · Fax: +92-57-2520237 · E-mail: admin.hasanabdal@ksb.com.pk

8. ANNUAL OPERATING COST (POST COMPLETION)

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

Grant Number:Government Buildings - (PC12042)
LO NO:LO22010022
A/C To be Credited:Account-I

PKR Million

Sr #	Object Code	2025-2026		2026-2027		2027-2028		2028-2029		2029-2030	
		Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign
1	A05270-To Others	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	A12403-Other Buildings	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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

Grant Number:Government Buildings - (PC12042)
LO NO:LO22010022
A/C To be Credited:Account-I

PKR Million

Sr #	Object Code	2025-2026		2026-2027		2027-2028		2028-2029		2029-2030	
		Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign
1	A05270-To Others	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	A12403-Other Buildings	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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

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

9. DEMAND AND SUPPLY ANALYSIS

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

10. FINANCIAL PLAN AND MODE OF FINANCING

10.1 FINANCIAL PLAN EQUITY INFORMATION

10.2 FINANCIAL PLAN DEBT INFORMATION

undefined

10.3 FINANCIAL PLAN GRANT INFORMATION

attached

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	40.000	22.197	3.020	3.075	4.595	7.638	80.526
Utilization	20.822	21.757	2.942	2.161	4.531	1.021	53.234

Capital Side:

Year	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Funds Released	0	0	0	0	0	4.000	4.000
Utilization	0	0	0	0	0	0	0

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

10.4 WEIGHT COST OF CAPITAL INFORMATION

undefined

11. PROJECT BENEFITS AND ANALYSIS

11.1 PROJECT BENEFIT ANALYSIS INFORMATION

Social Benefits with Indicators

Social economic burden will be decreased due to availability of better medical services in the district. Time and money of community will be saved which were expended in other cities like Lahore Islamabad etc. on treatment of patients and for boarding and logging of attendants. The social status of community will rise.

11.3.1 Social Impact:

A number of patients lose their lives or suffer serious disabilities for want of timely access to the health facilities. The project will ensure that no one is left to reach the health facilities. The most important beneficiaries will be mothers having complicated delivery conditions. The number of patients transferred to the health facilities for treatment and lifesaving will serve as indicators for performance evaluation. In long term the project will help in improving socio-economic indicators of IMR and MMR.

Employment Generation (Director and Indirect)

Revamping of this Hospital will lead to generation of employment for highly skilled /professional staff and unskilled staff leading to reduction of unemployment. Huge employments opportunity will be created from the establishment of the project. The Medical doctors and paramedics who are trained in this discipline or intended to specialize in this field can make maximum use of training. A large number of gazette and non-gazette posts will be available for employment directly or indirectly.

11.2 ENVIRONMENTAL IMPACT ANALYSIS

Environmental Impact

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

11.3 PACT ANALYSIS

undefined

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

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

12.2 RESULT BASED MONITORING (RBM) INDICATORS

undefined

12.3 IMPLEMENTATION PLAN

undefined

12.4 M&E PLAN

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

12.5 RISK MITIGATION PLAN

attached

RISK REGISTER

Programme for Revamping of all THQ Hospitals in Punjab

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

12.6 PROCUREMENT PLAN

undefined

13. MANAGEMENT STRUCTURE AND MANPOWER REQUIREMENTS

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

14. ADDITIONAL PROJECTS / DECISIONS REQUIRED

NA

15. CERTIFICATE

Focal Person Name:Mr. KHIZAR HAYAT

Designation:Project Director, PMU P&SHD

Email:

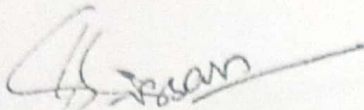
Tel. No.:

Fax No:

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

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

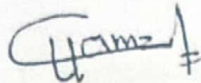
Prepared By:



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

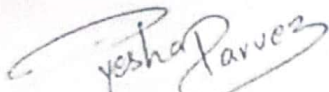


(RIZWAN SHOUKAT)
PROCUREMENT SPECIALIST, (PMU),
PRIMARY & SECONDARY HEALTHCARE
DEPARTMENT, LAHORE
(042-99231206)
(Oct-2022)



(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)

